



Wasion Group Holdings Limited  
威勝集團控股有限公司

(incorporated in the Cayman Islands with limited liability)  
(Stock Code: 3393)



ANNUAL REPORT 2017

The background is a vibrant blue field filled with a dense, chaotic pattern of thin, radiating lines. These lines originate from a central point and extend outwards in all directions. The lines are colored in three primary hues: bright yellow, magenta, and cyan. The overall effect is that of a starburst or a complex network diagram. The word 'CONTEN' is centered horizontally across the middle of the image, rendered in a clean, white, sans-serif typeface. The letters are bold and have a slight shadow, making them stand out against the busy, colorful background.

# CONTEN



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# CORPORATE INFORMATION

## EXECUTIVE DIRECTORS

Mr. Ji Wei (*Chairman*)  
 Ms. Cao Zhao Hui  
 Mr. Zeng Xin  
 Ms. Zheng Xiao Ping  
 Mr. Tian Zhongping

## NON-EXECUTIVE DIRECTOR

Mr. Kat Chit

## INDEPENDENT NON-EXECUTIVE DIRECTORS

Mr. Hui Wing Kuen  
 Mr. Huang Jing  
 Mr. Luan Wenpeng  
 Mr. Cheng Shi Jie

## COMPANY SECRETARY

Mr. Choi Wai Lung Edward *FCCA, FCPA*

## AUTHORISED REPRESENTATIVES

Mr. Ji Wei  
 Mr. Choi Wai Lung Edward *FCCA, FCPA*

## AUDIT COMMITTEE

Mr. Hui Wing Kuen (*Chairman*)  
 Mr. Huang Jing  
 Mr. Luan Wenpeng  
 Mr. Cheng Shi Jie

## NOMINATION COMMITTEE

Mr. Ji Wei (*Chairman*)  
 Mr. Hui Wing Kuen  
 Mr. Huang Jing

## REMUNERATION COMMITTEE

Mr. Hui Wing Kuen (*Chairman*)  
 Mr. Ji Wei  
 Mr. Huang Jing

## INTERNAL CONTROL AND RISK MANAGEMENT COMMITTEE

Mr. Hui Wing Kuen (*Chairman*)  
 Mr. Huang Jing  
 Mr. Luan Wenpeng  
 Mr. Cheng Shi Jie  
 Mr. Zeng Xin  
 Mr. Kat Chit

## PRINCIPAL BANKERS

In Hong Kong:

Standard Chartered Bank  
 Hang Seng Bank Limited  
 Hongkong and Shanghai Banking Corporation Limited  
 Bank of Communications Hong Kong Branch

In the People's Republic of China (the "PRC"):

China Construction Bank  
 Bank of Communications

## LEGAL ADVISER

Sidley Austin  
 Level 39, Two International Finance Centre  
 8 Finance Street  
 Central  
 Hong Kong

## AUDITOR

Deloitte Touche Tohmatsu  
 35/F, One Pacific Place  
 88 Queensway  
 Hong Kong

## REGISTERED OFFICE

Cricket Square  
 Hutchins Drive  
 P.O. Box 2681GT  
 George Town  
 Grand Cayman  
 British West Indies

## PRINCIPAL PLACE OF BUSINESS

Unit 2605, 26/F, West Tower, Shun Tak Centre  
 168–200 Connaught Road Central  
 Sheung Wan  
 Hong Kong

## PRINCIPAL SHARE REGISTRAR AND TRANSFER OFFICE

Royal Bank of Canada Trust Company  
 (Cayman) Limited  
 4th Floor, Royal Bank House  
 24 Shedden Road  
 George Town  
 Grand Cayman KY1-1110  
 Cayman Islands

## HONG KONG BRANCH SHARE REGISTRAR AND TRANSFER OFFICE

Boardroom Share Registrars (HK) Limited  
 Room 2103B, 21/F, 148 Electric Road  
 North Point  
 Hong Kong

## COMPANY WEBSITE

[www.wasion.com](http://www.wasion.com)

## STOCK CODE

3393

## CORPORATE PROFILE

### LEADING TOTAL SOLUTION PROVIDER OF ADVANCED METERING, ADVANCED DISTRIBUTION AND ENERGY EFFICIENCY MANAGEMENT

Wasion Group Holdings Limited (“Wasion Group” or the “Group”) is the leading total solution provider of advanced metering, advanced distribution and energy efficiency management in China, and is committed to becoming an “Energy Metering and Energy Saving Expert” in China and across the world. The Group was listed on the Main Board of the Stock Exchange of Hong Kong Limited (the “Stock Exchange”) in December 2005, which was the first professional syndicate engaged in energy metering and energy efficiency management in China listed overseas, as well as the first company in Hunan Province listed on the Main Board overseas.

Wasion Group has long been focusing on the research and development, production and sales of total solutions relating to energy metering and energy efficiency management, the products and services of which have been extensively applied in energy supply industries for electricity, water, gas and heat, and large energy-consuming units of large-scale public infrastructure, petroleum and chemical, transportation, machine manufacturing, metallurgical and chemical fields and residents.

The advanced smart metering business of the Group mainly comprises of comprehensive smart meters, smart water meters, smart gas meters and ultrasonic calorimeters; various meters and power quality monitoring devices; comprehensive energy data collection terminals, load management terminals and user management devices; measurement automation systems and various application systems, services and energy data mining. The Group, with more than 20% of the domestic market share of high-end metering products, has built up its leading position in China and is the only professional manufacturer in China which provides various advanced energy metering products, systems and services for electricity, water, gas and heat, as well as satisfies the demand of the whole process from energy production, transmission and distribution to consumers.

The advanced distribution and energy efficiency management business of the Group comprises mainly of 40.5kV/12kV comprehensive high voltage switchgear; 12kV smart switchgear; 35kV/10kV comprehensive circuit breakers; 10kV power distribution automation terminals; electrical and electronic devices for power quality control and smooth connection with new energy; smart distribution systems, engineering and services; energy-saving services, etc. The Group is devoted to becoming the leading total solution provider for advanced distribution system in China.

Amidst the substantial changes in energy production and energy consumption mode in China and the world, the material social responsibility and development opportunities arisen from energy saving and carbon reduction as well as the new demand of smart power grids, Wasion Group will adhere to its corporate motto “Energy Metering and Energy Saving Expert” while upholding its core value “Perfect Work with Passion, and Success Achieved with Integrity” by continuous innovation and improvement in order to become the pioneer in smart power grids and smart metering in China, one of the major international smart power grids and smart metering provider and a well-known international brand.

In the future, every city, every enterprise and every family will be benefited from the use of the technology, products and services of Wasion.



# MILESTONE OF WASION IN 2017

## JANUARY

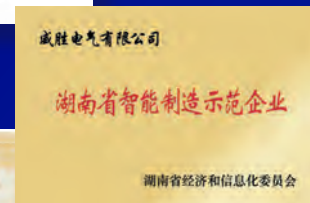
Subsequent to completion of the first phase of project line no. 3, Wasion Electric Limited (“Wasion Electric”) has won a bidding of rail transit project line no. 4 in Changsha.

Wasion Electric was issued with a Certificate of Close Cooperation Partner by ABB.

Wasion Electric was accredited as the “Hunan Intelligent Manufacturing Demonstration Enterprise” by Hunan Economization and Informatization Committee.

Wasion Group Limited (“Wasion Group”) was entitled the “Best Employers of China” for the 8th successive year.

The project concerning “research and application of key technologies for testing energy efficiency in the distributed photovoltaic power system” won a Progress Award of Science and Technology in Xiangtan City.



## FEBRUARY

Willfar Information Technology Company Limited (“Willfar Information”) was honored with “Qualified Product of Stabilization in National Quality Inspection”.

## MARCH

Willfar Information was awarded “National Honesty Demonstration Enterprise of Product and Service Quality”.

## APRIL

Wasion Electric was authorized an invention patent in respect of its “Method and System of Ad Hoc Network Based on Micro-power Wireless Devices in Distribution Network”.

## JUNE

Wasion Electric was issued with a Quality Accreditation Certificate by Schneider.

Wasion Group was awarded the fifth “Hunan Province Governor Quality Award”.





**JULY**

Wasion Electric was awarded “2017 Region Contribution Award” by Siemens Ltd., China.

When floods ravaged Hunan, Wasion delivered its social responsibility by taking emergency actions and donating more than RMB4 million goods and materials to support the disaster-hit regions. Liu Yingqun (劉映群), the deputy director of The United Front Work Department of Changsha Municipal Committee, personally issued a pennant for fighting against floods to Wasion on behalf of municipal committee and government.

**SEPTEMBER**

Willfar Information was entitled “Hunan Top 100 Enterprises 2017”, “Hunan Top 50 Manufacturing Enterprises 2017”, and “Deputy Chairman of Hunan Enterprise and Industrial Economic Federation”.



**OCTOBER**

With products passing TUV accreditation, Willfar Information entered into a strategic cooperation agreement with Honeywell.

**NOVEMBER**

Wasion Electric won the tender of “Underground Comprehensive Pipeline project for Power Distribution in Changsha” from China Construction Fifth Engineering Bureau for the first time.



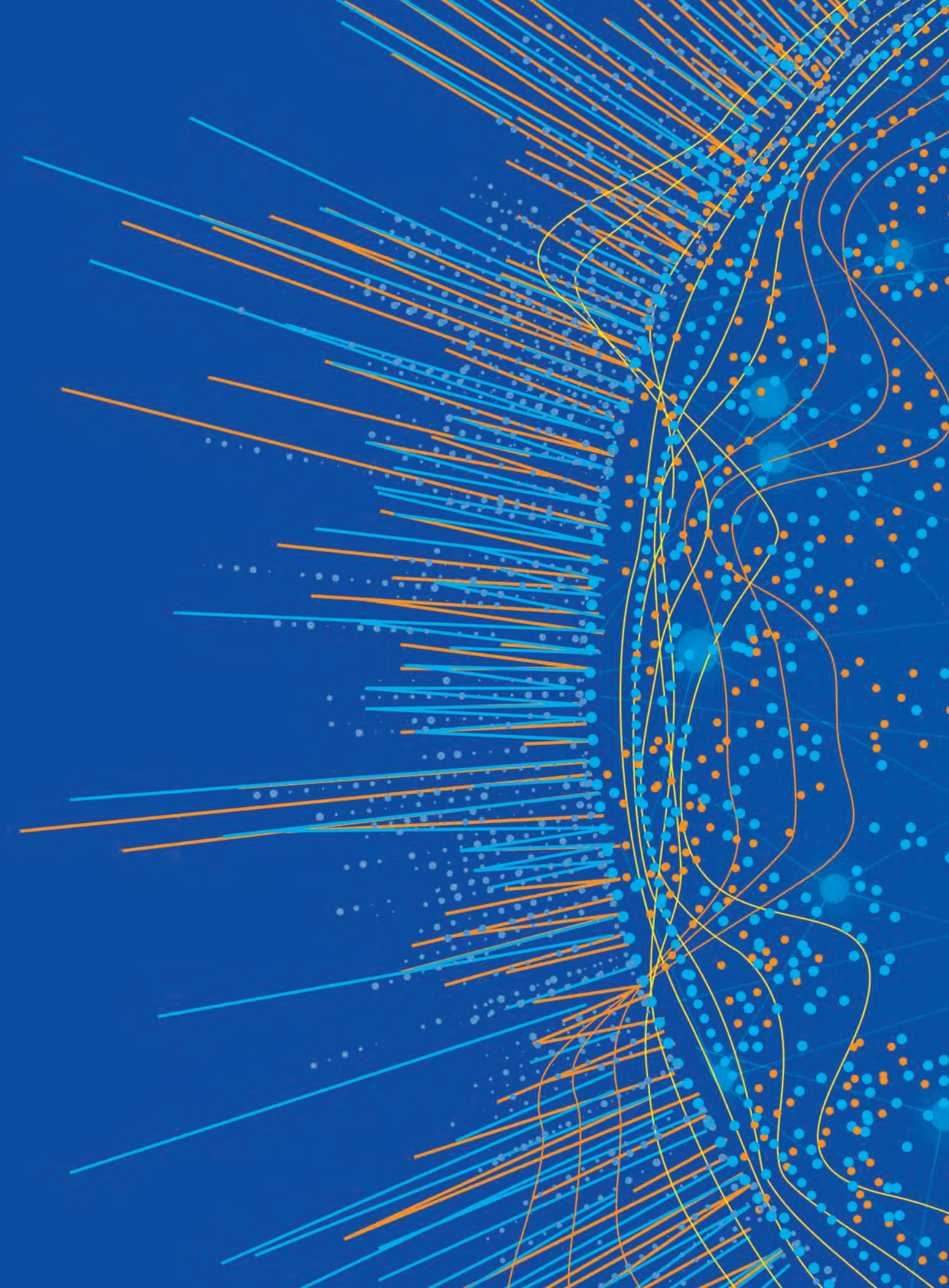
**DECEMBER**

Willfar Information successfully obtained engineering qualifications such as specialized contract of electronic and intelligent projects, general contract of electricity project construction, specialized contract of building mechanical and electrical installation projects, and general contract of municipal utility construction projects.

Wasion Electric was selected as Xiangtan Top Ten Outstanding Enterprises with Intellectual Property Rights by Xiangtan Science and Technology Bureau.











# MOTTOS OF OPERATION :

PERFECT WORK WITH PASSION  
AND SUCCESS ACHIEVED  
WITH INTEGRITY



**Ji Wei**  
*Chairman*



## CHAIRMAN'S STATEMENT



TO ALL SHAREHOLDERS,

On behalf of the board of directors of Wasion Group Holdings Limited (the “Group”), I am pleased to present the operating results of the Group for the financial year ended 31 December 2017.

China accelerated its pace of economic restructuring amidst the global economic recovery in 2017. Given the favourable market condition, the Group adhered to the operating guideline of “seeking progress in stability” to manage both opportunities and risks on a proactive and prudent manner while promoting the development of each of its business segment in a solid way. During the year, the Group recorded turnover of RMB2,928 million, representing an increase of 12% over 2016. EBITDA amounted to RMB572 million, representing an increase of 14% over 2016. Net profit after deducting minority shareholders’ interests stood at RMB301.58 million. Earnings per share was RMB30 cents. The proportion of balance of trade and other receivables over current assets decreased to 61% at the end of 2017 from 66% at the beginning of the year. Trade receivable turnover period improved by 30 days. The board of directors proposed to pay a final dividend of HK\$0.24 per share in return of the shareholders’ continuous support.

Leveraging on its highly-recognized research and development strength, high quality end-customer base and marketing channels, together with cooperation with various well-known enterprise worldwide, the Group’s strategy of optimizing customer base has been proved to be fruitful, reflected by more diversified customer base. Overall, the power advanced metering infrastructure business performed well this year. The Group succeeded in bidding for contracts of over RMB660 million offered by the State Grid and the Southern Grid, outperforming its peers in both numbers and amounts. In 2017, the Group posted good results in the market served by the Southern Grid, offsetting the decrease in the tender volume from the State Grid. The communication and fluid advanced metering infrastructure business achieved satisfactory results growth throughout the year. Driven by the demand arising from “Internet+” smart energy market, the Group refined and intelligentized the management of water, electricity, gas and heating energy consumption, with its products and solutions being widely used in households and enterprises. As for the advanced distribution operations (“ADO”) business, the Group proactively commenced cooperation with customers other than the power grid companies, and successfully undertook numbers of power distribution system projects, including Changsha Metro Group and various production bases of new energy-powered batteries. The completion of the underground pipeline project in Changsha and the construction project of the information center of China Telecom in Dongjiang River, Hunan have further improved the Group’s comprehensive strength in the key ADO businesses.



## CHAIRMAN'S STATEMENT (Continued)

The Group is committed to providing products and services with high quality, high efficiency and high technologies. In June 2017, it received the Hunan Governor Quality Award (湖南省省長品質獎), the highest honor in respect of quality in Hunan province. Following the National Intelligent Manufacturing Experimental and Demonstration Enterprise (國家智能製造重點專項及試點示範企業) granted by the MIIT in 2016, the Group was also included on the list of "National Green Factory" (國家級綠色工廠) by the MIIT in November 2017.

In the future, we will continue to focus on technological innovation, maintaining its leading position in technologies and product upgrade in the industry. In the market served by the State Grid and the Southern Grid, the Group will introduce new smart meters to cater for rising market demands in addition to satisfying needs of expansion and replacement. In non-power market and new energy market, smart meters in line with the new specification required by the internet of energy will be launched. In gateway meter market, the Group will further diversify its product mix while facilitating traditional market shares.

In communication and fluid advanced metering infrastructure segment, the Group will keep pace with the development of communication and water metering industry in China. While focusing on the quality of its pilot projects in Hunan province, the Group will explore comprehensive solutions to the smart water business in other key provinces and cities throughout the country, and be proactively engaged in the water project tenders organized in different provinces and dedicated to improving its after-sales service. With various proprietary intellectual properties in communication technologies including power line carrier and low frequency wireless telecommunication, diversified products applying GPRS, 4G, and NB-IoT and strong competence in network-building and solutions, the Group is well positioned to improve its industrial chain, promote the communication experience in the emerging strategic areas such as internet-of-things and internet-of-energy in order to satisfy various market requirements due to regional and environmental disparity and improve its comprehensive technological strength and competitive edge in the market.

In terms of the ADO business, the establishment of advanced distribution network has been one of the priorities in the power sector development in China in the future. Demand for facility upgrade as a result of the primary and secondary power equipment integration technology presents significant opportunities for the power grid market. As a new model of business, comprehensive service, such as solutions and engineering procurement construction, will be the Group's priority for development. With higher proportion of electricity in the end market of energy consumption and wider application of new energy, stored energy and electric vehicles, the Group will launch new products, approaches and services to meet customer's rising demand for being smart and energy-saving in the market of comprehensive energy service and smart operation and maintenance by identifying new technologies, line of products, new market opportunities, new model of business and new source of revenue for its advanced distribution solutions.

## CHAIRMAN'S STATEMENT (Continued)

Meanwhile, with the implementation of “One Belt, One Road” initiative in China, it has been a tendency for energy connect worldwide. The development of the power advanced metering infrastructure and the construction of power grid in the peripheral countries is expected to usher in a wider space. The Group's overseas business will embrace more development opportunities emerged in areas of metering solutions to electricity, water, gas and heating energy, end communication business, facilities of advanced power distribution system, construction of power distribution works, and distributed power generation.

Looking forward, under the operating principle of “march forward through innovative development” and driven by the market and customer, we will be determined to expand business scale, improve market structure, enhance product competitiveness and boost profitability by focusing on the improvement of overall operating quality to create values for the industry with its advanced technologies and leading position, and ultimately, to create values for its shareholders with solid returns.

Yours faithfully,

**Ji Wei**

*Chairman*

Hong Kong, 28 March 2018

# CORPORATE SPIRIT:

BE COHESIVE, AMBITIOUS,  
DOWN-TO-EARTH AND CREATIVE







# MANAGEMENT DISCUSSION AND ANALYSIS

## FINANCIAL REVIEW

### Financial Highlights

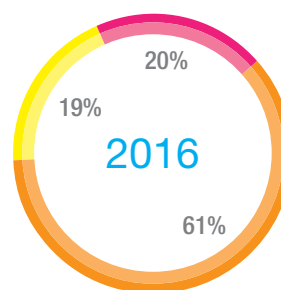
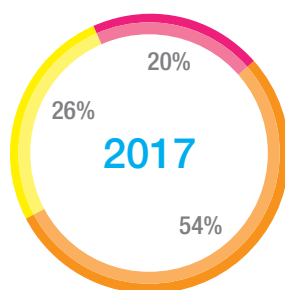
	2017 RMB'000	2016 RMB'000
Revenue	<b>2,927,989</b>	2,607,504
Gross profit	<b>834,671</b>	816,760
Profit attributable to owners of the Company	<b>301,575</b>	307,265
Total assets	<b>7,884,054</b>	7,493,091
Equity attributable to owners of the Company	<b>4,166,072</b>	4,148,619
Basic earnings per share (RMB)	<b>0.30</b>	0.30
Diluted earnings per share (RMB)	<b>0.30</b>	0.30

### Key Financial Indexes

	2017	2016
Gross profit margin	<b>29%</b>	31%
Operating profit margin	<b>15%</b>	15%
Net profit margin	<b>12%</b>	12%
Return on equity of the shareholders	<b>8%</b>	7%
Current ratio	<b>1.71</b>	1.81
Quick ratio	<b>1.55</b>	1.68
Inventory turnover period (Days)	<b>72</b>	69
Trade receivable turnover period (Days)	<b>344</b>	374
Trade payable turnover period (Days)	<b>357</b>	396
Gearing ratio (Total borrowings divided by total assets)	<b>12%</b>	15%
Interest coverage (Profit from operations divided by finance costs)	<b>10.04</b>	7.65

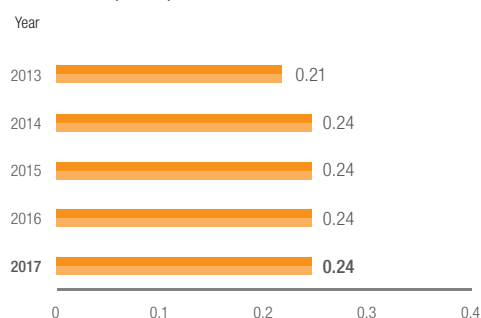
### Revenue Breakdown by Business Segments

- Power Advanced Metering Infrastructure
- Communication and Fluid Advanced Metering Infrastructure
- Advanced Distribution Operations

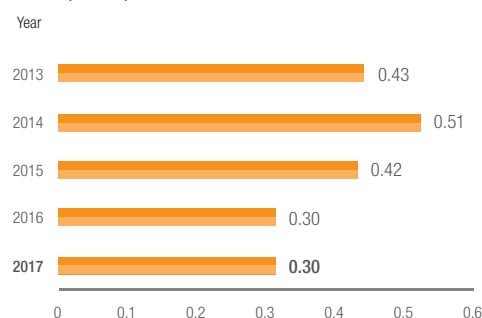


## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### Dividend (HKD)

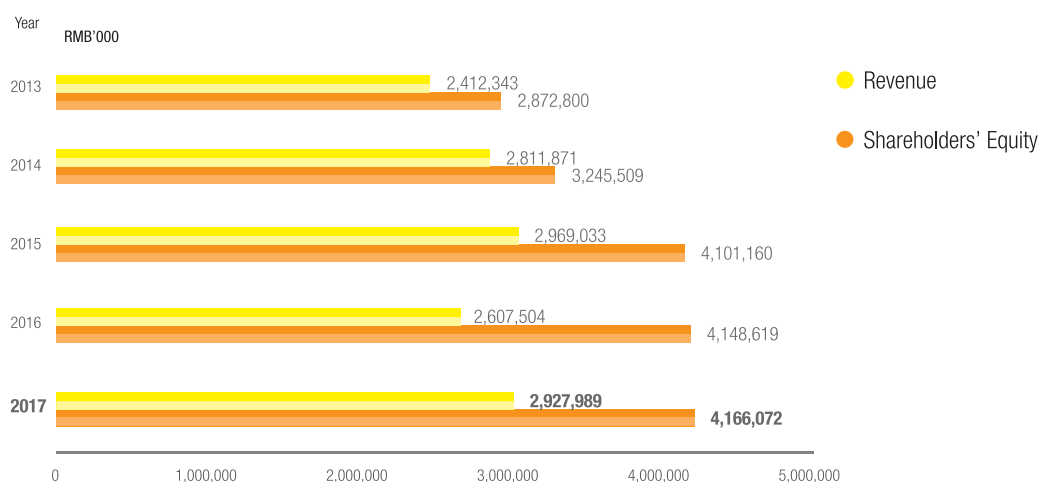


### EPS (RMB)



## FIVE YEARS' FINANCIAL SUMMARY

### Five Years' Financial Information



	2017 RMB'000	2016 RMB'000	2015 RMB'000	2014 RMB'000	2013 RMB'000
Revenue	<b>2,927,989</b>	2,607,504	2,969,033	2,811,871	2,412,343
Profit for the year attributable to owners of the Company	<b>301,575</b>	307,265	423,533	482,439	401,125
Total assets	<b>7,884,054</b>	7,493,091	7,223,094	5,618,550	4,741,215
Total liabilities	<b>3,224,104</b>	3,315,377	3,083,522	2,312,309	1,868,015
Equity attributable to owners of the Company	<b>4,166,072</b>	4,148,619	4,101,160	3,245,509	2,872,800



## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### FINANCIAL REVIEW

#### Turnover

During the year under review, turnover increased by 12% to RMB2,928.0 million (2016: RMB2,607.5 million).

#### Gross Profit Margin

The Group's overall gross profit margin for the year ended 31 December 2017 is 29%, representing a decrease of 2% as compared with 31% in 2016.

#### Other Income

The other income of the Group amounted to RMB141.84 million (2016: RMB111.13 million) which was mainly comprised of interest income, dividend income, government grants, refund of value-added tax and investment gain.

#### Operating Expenses

In 2017, the Group's operating expenses amounted to RMB648.37 million (2016: RMB543.15 million) and accounted for 22% of the Group's turnover in 2017, representing an increase of 1% as compared with 21% in 2016.



## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### Finance Costs

For the year ended 31 December 2017, the Group's finance costs amounted to RMB43.29 million (2016: RMB52.56 million). The decrease was attributable to the decrease of bank borrowings during the year.

### Operating Profit

Earnings before finance costs and tax for the year ended 31 December 2017 amounted to RMB434.51 million (2016: RMB401.95 million), representing a increase of 8% as compared with last year.

### Profit Attributable to Equity Shareholders of the Company

The profit attributable to equity shareholders of the Company for the year ended 31 December 2017 decreased by 2% to RMB301.58 million (2016: RMB307.27 million) as compared with last year.

### Liquidity and Financial Resources

The Group's primary sources of working capital and long-term funding needs have been cash flows from operation and financing activities.

As at 31 December 2017, the Group's current assets amounted to approximately RMB5,355.46 million (2016: RMB4,941.07 million), with cash and cash equivalents totaling approximately RMB1,243.89 million (2016: RMB940.02 million).

As at 31 December 2017, the Group's total bank loans amounted to approximately RMB908.91 million (2016: RMB1,095.27 million), of which RMB841.21 million (2016: RMB532.97 million) will be due to repay within one year and the remaining RMB67.7 million (2016: RMB562.3 million) will be due after one year. In 2017, the interest rate for the Group's bank borrowings ranged from 2.01% to 5.68% per annum (2016: 2.02% to 4.35% per annum).

The gearing ratio (total borrowings divided by total assets) decreased from 15% in 2016 to 12% in 2017.

### Emolument Policy

As at 31 December 2017, the Group had 3,880 (2016: 3,787) staff members. The staff costs (including other benefits and contributions to defined contribution retirement plan) amounted to RMB303.81 million (2016: RMB272.66 million) in 2017. Employee remuneration is determined on performance, experience and prevailing market conditions of the employees, with compensation policies being reviewed on a regular basis. The aggregate amount of the emoluments of the Company's directors was RMB4.01 million (2016: RMB4.45 million) in 2017.

The Group's employees in the PRC have enrolled in the mandatory central pension scheme operated by the State. The Group also provides housing allowances and benefits for medicine, employment injury and retirement for its staff in the PRC in accordance with the relevant PRC rules and regulations. The directors of the Company (the "Directors") confirm that the Group has fulfilled its obligations under the relevant PRC employment laws. The Group also set up the Mandatory Provident Fund Scheme for the employees in Hong Kong.

## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### Share Option Scheme

The Company has adopted a share option scheme on 16 May 2016 to recognise and acknowledge the contributions made or will be made to the Group by the eligible participants. The purpose of the scheme is to encourage the eligible participants to continue their contribution. The eligible participants include any full-time or part-time employees, executives, officers, Directors (including executive, non-executive and independent non-executive Directors), advisers, consultants, suppliers and agents of the Company or any of its subsidiaries or invested entities, and any person who, in the opinion of the board of directors of the Company, will contribute to the Group or have done so.

### Share Award Scheme

The Company has adopted a share award scheme on 3 May 2016 in which the eligible employees will be entitled to participate. The purposes of the share award plan are to recognise the contributions by certain employees and to provide them with incentives in order to retain them for the continual operation and development of the Group and also to attract suitable personnel for further development of the Group.

### Exchange Rate Risk

Most of the businesses of the Group are settled in Renminbi while businesses in foreign currencies are mainly settled in USD. The fluctuation of exchange rate of both currencies will have certain impact on the Group's business which are settled in foreign currencies. During the year, the Group did not enter into any foreign exchange forward contracts or other hedging instruments to hedge against fluctuations.

### Acquisitions and Disposals

On 12 January 2017, Willfar Information Technology Company Limited ("Willfar Information Technology"), a subsidiary of the Company, has entered into two investment agreements with two connected persons, pursuant to which, the connected persons have agreed to contribute an aggregate of RMB100.44 million to subscribe for RMB40.02 million of the registered capital of Willfar Information Technology, representing an aggregate of 9% of the enlarged equity interest of Willfar Information Technology. On 13 January 2017, Willfar Information Technology has entered into five additional investment agreements with five independent investors, pursuant to which, the independent investors have agreed to contribute an aggregate of RMB290.26 million to subscribe for RMB115.63 million of the registered capital of Willfar Information Technology, representing 26% of the enlarged equity interest of Willfar Information Technology. Upon completion of the above capital increase, Willfar Information Technology will be held as to 65% by the Group, and will remain as a subsidiary of the Group.

On 24 May 2017, Hunan Weiming Energy Technology Co., Ltd. ("Hunan Weiming"), a subsidiary of the Company, has completed the acquisition of 50.05% of the share capital of Zhuhai Zhonghui Microelectronics Co., Ltd. ("Zhuhai Zhonghui") at an aggregate consideration of RMB52,105,200. On 30 November 2017, the Hunan Weiming has further completed the acquisition of 44.13% of the registered capital of Zhuhai Zhonghui at an aggregate consideration of RMB52,212,215 which resulted in the Group being interested in 94.18% of Zhuhai Zhonghui after the acquisition and Zhuhai Zhonghui was no longer a connected subsidiary of the Company. Zhuhai Zhonghui is a company established in the PRC which provides professional measurement chip, GPRS wireless module, MCU, reset chip and other embedded software products mainly used in the electric energy metering and information automation area. The acquisition enables the Group to secure a stable source of chip and module supplies, reduce operation costs, enhance profitability and provide a technical base for the Group to further develop the chip and module business.



## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

On 28 June 2017, Wasion Group Limited, a wholly-owned subsidiary of the Company, entered into an agreement to dispose 85% of the registered capital of Hunan Jiale Property Development Co., Ltd. (“Hunan Jiale”) for a consideration of RMB187 million. As Hunan Jiale is a property development company which business is different from the principal business of the Group, the disposal enables the Group to streamline its business and consolidate its resources to focus on the development of the principal business of the Group.

### Charge on Assets

As at 31 December 2017, the pledge deposits are denominated in Renminbi and are pledged to banks as security for bills facilities granted to the Group. In addition, the Group’s land and buildings are pledged to banks as security for bank loans to the Group.

### Capital Commitments

As at 31 December 2017, the capital commitments in respect of the acquisition of property, plant and equipment contracted for but not provided in the condensed consolidated financial information amounted to RMB24.25 million (2016: RMB22.78 million).

### Contingent Liabilities

As at 31 December 2017, the Group had no material contingent liabilities.

## MARKET REVIEW

The global economy was recovering steadily as a whole in 2017 (“year under review”). China has increased the pace of adjusting economic structure, followed by accumulating economic growth drivers. The Gross Domestic Product (GDP) reached RMB82.71 trillion during the year under review, with an increase of 6.9% as compared with last year, which was 0.2% higher than 2016 and the first time of acceleration in seven years.

The energy development and power reform in China are processing well along with the recovering economy through the full implementation of the 13th Five-Year Plan throughout the year. The National Development and Reform Commission and the National Energy Administration have issued “Energy 13th Five-Year planning” notice (《能源發展「十三五」規劃》通知), striving to lay a solid foundation for the blueprint of China’s energy development during the 13th Five-Year period. The Chinese government has further promoted the optimization and upgrade of China’s energy structure by continuously improving the supportive policies for renewable energy, innovating the development methods and optimizing the development layout. State Grid Corporation of China (hereinafter referred to as “State Grid”) accomplished an investment of RMB5,066 billion on power grids in 2017.

## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

During the implementation of upgrading rural power grid upgrade projects, the National Energy Administration organized and drafted a “Notice for New Round of 13th Five-Year Plan Rural Power Grid Rebuilding and Upgrading Projects” (《關於「十三五」期間實施新一輪農村電網改造升級工程意見的通知》), issued “New Round of 13th Five-Year Plan Rural Power Grid Transformation and Upgrading Plan” (《「十三五」新一輪農村電網改造升級規劃》), drafted “Implementation Plan of Rural Power Grid Reform and Upgrade Project for Small Towns and Central Villages (2016-2017)” (《小城鎮和中心村農網改造升級工程2016–2017年實施方案》), “Implementation Plan of Rural Hydropower Engineering (2016-2017)” (《農村機井通電工程2016–2017年實施方案》) and “Implementation Plan of Power Supply for Impoverished Villages” (《貧困村通動力電實施方案》). Transformation of rural power grids in small town centers, energization of rural wells and power supply to impoverished villages are the three key tasks in the new round of rural power grid reconstruction and upgrade projects in China. During the year under review, these three tasks have been completed successfully, which was a milestone for rural power reform and upgrade.

China has closely followed up the application of water resources in recent years and issued policies for the stringent management of water resources to promote the development of water advanced metering infrastructure (“AMI”) solutions. In addition, water AMI providers have made significant improvements such as solutions, quality and cost savings, etc. Benefited from the progress of communications technologies and data processing, the water AMI management systems have been developed comprehensively in terms of measurement accuracy, data transmission, and system application.

In terms of national economy recovery and energy structural transformation, the Group persisted in the operating guideline of “Seeking Progress while Ensuring Stability” to make business plans for seizing future market opportunities. During the year under review, the Group’s businesses developed steadily, and recorded a turnover of RMB2,928.0 million (2016: RMB2,607.5 million), representing an increase of 12% as compared to 2016; and a net profit of RMB301.58 million (2016: RMB307.27 million), representing a decrease of 2% as compared to 2016.

### BUSINESS REVIEW

#### Power Advanced Metering Infrastructure (“Power AMI”)

During the year under review, State Grid organized two centralized smart meter tenders with a total volume of 46 million units. The Group has successfully won approximately RMB299 million worth of contracts and 1.329 million units, outperforming its peers in terms of volume and total contract sum. The results of the second tender in 2016 of China Southern Power Grid Co., Ltd. (“Southern Grid”) were announced in March 2017, with the Group winning approximately RMB215 million worth of contracts. After that, Southern Grid have changed to open tenders in different provinces, and the Group won approximately RMB422 million worth of contracts. In the meantime, the Group actively responded to the market demand on the primary and secondary power equipment system integration, and launched an integrated industrial meters for the Southern Grid market which simplified the manufacturing process, lowered manufacturing costs and fulfill customers’ needs.

In addition, the Group’s Power AMI solutions continued to outperform in both domestic and overseas markets. The cooperation with well-known international brands strengthened onsite technology and team building, which further supported the steady development of the Group’s business.

## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

During the year under review, the Group's power AMI recorded a turnover of RMB1,591.1 million (2016: RMB1,590.7 million), being flat as compared with last year, and accounting for 54% of the Group's total turnover (2016: 61%).

### Communication and Fluid Advanced Metering Infrastructure (“Communication and Fluid AMI”)

In September 2016, the Group announced the exploration of the possibility of spin-off and separately listing of the Communication and Fluid AMI Business on a stock exchange in the People's Republic of China to centralize resources, seek long-term development and bring more opportunities. The spin-off process is progressing well.

Benefited from the promotion of the water escalating pricing and one-household-one-meter policy, Communication and Fluid AMI business had steady development with turnover of RMB755.8 million. (2016: RMB501.9 million), representing an increase of 51% and accounting for 26% of the Group's total turnover (2016: 19%). During the year under review, the Group entered into more than 85 city level's water companies on the water AMI tenders which not only include the key cities in Guangdong, Xinjiang, Hunan, Anhui, Hubei and other provinces, and was also being shortlisted in provincial level's water companies in Urumqi, Shijiazhuang, and Xining etc. The Group has gained more market shares, and also made progress in after-sale services and solutions.

Water AMI industry has entered its rapid development period with the penetration rate in China gradually increased. The promotion of smart city has accelerated the upgrade and replacement demand for related products in cities, rural areas and enterprises. The Group launched a smart water system solution platform for smart water supply and digital municipal services, of which seven major water system solutions ranging from water broaching, water drinking, drainage to sewage treatment have been formed and four strategic partnership framework agreements have been signed. The Group had obtained qualifications namely Grade III municipal public works construction contractor, Grade III construction, mechanical and electrical installation engineering contractor and other relevant safety production permit qualifications, for undertaking smart water supply projects.

The Group has made breakthroughs in various new technologies under Internet of Things (“IoT”) communications and has launched water AMI products based on NB-IoT, and wireless remote water AMI products based on LoRaWAN. These pilot products have been launched in various water companies such as Shanghai SMI Water (Group) Co., Ltd., laying a solid product foundation for new market expansion.

Communications business being the Group's new business direction had outstanding performance during the year under review. The Group completed the acquisition of 75.54% equity interest in Zhuhai Zhonghui Microelectronics Co., Ltd. (“Zhuhai Zhonghui”) during the year under review and upon completion, the Group will be interested in totally 94.18% equity interest. The acquisition enables the Group to reduce operating costs, enhance profitability and fully grasp the core technology of Zhuhai Zhonghui. The technologies will be promoted into the market after further improved by the Group.

The Group's communications system has been widely used in the national smart grid. Apart from traditional meter reading, the system also includes content monitoring and bidirectional communication, and can provide integrated smart communications solutions for the smart grid's electricity data collection system. During the year under review, the Group has successfully won approximately RMB153 million worth of contracts and 423,000 units in the two centralized data collection terminal and concentrator tenders organized by State Grid. In the non-grid market, the Group proactively cooperated with enterprises, and the demand of the communication modules increased significantly.



## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### Advanced Distribution Operations (“ADO”)

During the year under review, China’s investment on smart power distribution increased rapidly while the demand for high-end smart power distribution such as railway transportation and data centers increased steadily. Application in renewable energy sector expanded continuously. The Group’s ADO business achieved satisfactory results, recording a turnover of RMB581.1 million (2016: RMB515.0 million), representing an increase of 13% as compared to 2016, accounting for 20% (2016: 20%) of the total turnover.

In term of power grid customers, the Group has commenced ADO business in more than 20 provinces in China, and was one of the five enterprises that participated in the establishment of standards of smart power distribution systems and pilots projects. The business successfully entered into two pilot projects in Beijing and Shandong. The Group also entered into Guangxi, Guangdong, Guizhou, Yunnan markets of the Southern Grid. Demand for smart equipment was strong due to the continuous promotion of the smart grid construction. The Group proactively engaged in developing the technologies on the integration of primary and secondary power equipment. Over the past few years of standardized preparation and integration exploration, the integration will enter into the material acceleration and execution stage in the near future.

In terms of the non-power grid market, the Group closely followed up key industries such as railway and transportation, data centers, water treatment plants, commercial centers and industrial parks, etc. During the year under review, the Group won several significant projects including Changsha Metro Group, the provision of power distribution systems for major power battery production bases of Changsha Walmart and Xiangtan Soundon New Energy and Changsha Underground Pipe Gallery project. Furthermore, electric chip industry, as a focus of national development in recent years, is also a key area that Group’s ADO business strives to explore. In terms of product development prospective, based on the continuous cooperation with Siemens, the Group has also extended the cooperation with ABB and Schneider. A newly authorized product, BlockSet, was obtained from Schneider to meet with the demands from different users.

During the year under review, the Group has obtained power engineering main contractor qualification, power industry (new energy power generation) professional design qualification, electric power installation qualification, mechanical and electrical installation qualification, and operation and maintenance service qualification, etc. These qualifications equipped the Group with designing and contracting capabilities in both power distribution and new energy generation and laid a solid foundation for the Group to further explore its ADO business.

### International market

The Belt and Road Initiative (“BRI”) opened a new chapter for China’s electric equipment and related services, and Chinese energy enterprises have become pioneers under the energy cooperation brought by BRI. The Group actively responded to the policy and strived to realize the complementarity with overseas countries. During the year under review, the Group achieved a turnover of RMB381.2 million (2016: RMB397.6 million) for export business. The Group remained its leading position in Egypt, Tanzania, Bangladesh, Indonesia and South African market with sustained business growth through its brand reputation and high quality products. The Group implemented the contracts with Austria in March 2017, indicating the Group is qualified to enter the European mid-to-high-end AML market. The Group has completed the product development through its strategic cooperation with Itron, and the products are ready to be marketed. Cooperation with Siemens has become more mature, laying a solid foundation for the Group to further establish its international brand image and enhance its global brand awareness. In the meantime, the cooperation with Huawei and LSIS has also expanded steadily, which strengthened the Group’s strength in terms of technology, market and brand.

## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

### Research and Development

Research and development (“R&D”) is the priority for the energy industry and also the foundation of the Group. During the year under review, R&D on AMI and ADO products achieved significant progress. Among which, the Group received 185 patents and 266 copyrights during the year, making the number of effective patents & copyrights reaching 1,060 and 924 respectively.

In terms of Power AMI, the Group has launched the multi-protocol high accuracy settlement gateway meters which were shortlisted in a dozen of provinces in China, breaking the market monopoly by imported brands. This also marked that the Group’s gateway meters and their complementary systems made new progress in the gateway settlement application.

In respect of the future development direction of Communication and Fluid AMI market, the Group has started a series of R&D works to accelerate the launching of new products and systems for rural areas and water companies. We also accomplished the cost reduction, design optimization, certification and small-scale delivery for products specifically developed for overseas market. During the year under review, the Group has achieved breakthroughs in various new technologies in relation to NB-IoT and has launched water and gas AMI products based on NB-IoT and wireless remote water AMI products based on LoRaWAN. In terms of communications, the Group developed a series of products applied on narrowband power line carrier, broadband carrier, micro-power wireless, carrier + wireless dual mode, NB-IoT and 4G public network communications. These products are widely used in national smart grid and provide overall smart communication solutions for power utilization data collection system of smart grid. Being one of the participating units in the establishment of communication related standards, the Group conducted comprehensive R&D on communication modules, actively promoted high-efficiency broadband carrier and NB-IoT communication technologies and launched pilot projects in various provinces during the year under review in order to seize the market opportunities earlier.

In terms of ADO business, the Group echoed State Grid’s request on the technological integration of primary and secondary power equipment and the demand of intelligentization of low-voltage power distribution area, participated in the drafting and establishment of national standards, successfully passed the new products examination at China Electric Power Research Institute and obtained the quality test report. The Group completed the development of 12 new products including power control cabinets and a new generation of low-cost micro-switching products. It also completed the railway and transportation solutions, development of power distribution solutions for the data center industry, construction of a cloud platform for smart power distribution operation maintenance and monitoring as well as an operation and maintenance service monitoring platform for new energy. During the year under review, a total of 65 patents and software copyrights were applied, among which 47 were approved, and 35 different product qualifications were newly obtained.

To collaborate with clean energy and energy storage industry, the Group conducted a series of R&D projects in liquid metal batteries, including battery cell preparation technology, battery management system, bidirectional converter system, energy management system, smart communications, smart energy cloud management and other key technologies, and continues to enhance the Group’s capabilities in provision of overall solutions for grid-level energy storage systems.

In June 2017, the Group has signed a cooperation agreement with Central South University on the 5kW photovoltaic inverter project and started the R&D of cascade-connected optical storage inverter product with the sample product being completed in December. This technology being applied to the inverter can assist energy storage and electric vehicles industries. Other than that, the 50kW photovoltaic inverter project is under preparation and will be launched to the market in the coming one to two years.

## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

In May 2017, the Group's City-Level Fellow Expert Workstation was awarded "2016 Excellent Fellow Expert Workstation". In June 2017, among the Group's "two-type" constructions, key projects in relation to smart monitoring of energy saving and environmental protection as well as comprehensive regional pollution control were awarded the second prize for Scientific and Technological progress in Hunan Province. In December 2017, the Group's Provincial Expert Workstation was awarded "The Hunan Provincial Demonstration Expert Workstation in 2017", indicating the recognition received for the Group's outstanding R&D capabilities.

### PROSPECTS

In 2017, more positive factors influenced China's economy. The growth rate of electricity consumption across provinces is generally higher than the same period of last year, with power structure getting more reasonable. The electric power industry has made great efforts to transform the development routes, actively promote supply-side structural reform, strengthened the technological progress and environmental protection to continuously improve the breadth and depth of the "Going-Out" policy. The Group will cautiously and meticulously examine the current energy policies and situation, closely follow up the latest development in energy market and grasp the opportunities in energy reform while adhering to its principle of "Seeking Progress while Ensuring Stability".

For the State Grid and Southern Grid markets, the Group will continue to optimize and enhance the cost structure and quality of its products. For the high-end meter market, the Group will further improve the product series to consolidate its traditional market share. Benefited from the promotion of water escalating pricing, one-household-one-meter and the active promotion of smart cities, China's smart water industry will enter a healthier development stage. The Group will closely follow the development of the industry and take advantage of the leading position in Hunan Province to develop comprehensive smart water solutions for other key provinces and cities nationwide. It will also actively participate in bidding for water projects across provinces and improve its after-sales services. In terms of products, the Group will seize the market opportunities on the user side in both prepaid water and gas meters and water and gas AMR and conduct pilot projects in both China and overseas. As a major focus of the Group's development, the communication business will rely on its strong R&D capabilities to provide the market with more comprehensive and high-quality products and solutions. Looking ahead, the Group will pursue in-depth development in platform technology and embedded chain technology and strive to develop into the upstream of the industrial chain to meet the new technology requirements from grid and non-grid customers including energy and mobile operators.

Guided by the landing policies of "Action Plan for the Construction and Reform of Power Distribution Network (2015–2020)" (《配電網建設改造行動計劃(2015–2020年)》) and "Guiding Opinions about Accelerating the Construction and Reform of Power Distribution Network" (《關於加快配電網建設改造的指導意見》), the construction of power distribution network has become one of the focuses in the future development of China's power industry. After years of accumulated experiences in smart energy maintenance and project construction, the Group will explore power sharing businesses and transform from a commercial power station to user-focused power station, to create greater values. Besides, the demand for equipment upgrade from the technological integration of primary and secondary power equipment will bring huge business opportunities for power distribution. The upgrade and renovation of smart grid equipment and the respective derivative service businesses will be another field which the Group will focus on. Apart from the traditional power grids, the Group will track the power end-user markets, with focus on railway and transportation, data centers, schools as well as hospitals etc. We will launch new products in a timely manner to meet customers' increasing quality requirements, and explore new technologies, product direction and profit growth drivers for the next generation of power distribution system.



## MANAGEMENT DISCUSSION AND ANALYSIS (Continued)

As China is actively promoting BRI, the interconnection between different energies will become imperative and thus there will be more development space for Power AMI solutions and construction of power grids in China and other nearby countries. Either Power AMI, Communication and Fluid AMI or the smart power distribution system equipment, power transmission and distribution project construction and the distributed energy generation, all bring market opportunities for the Group's rapid development in overseas market. In terms of communication business which had recorded significant increase, the Group will strive to promote into Central Asia and Russian-speaking countries. The Group will also pay close attention to the market direction and accelerate the market penetration at appropriate time.

According to the "China Special Report under World Energy Outlook 2017" issued by the International Energy Agency, China's energy structure will gradually shift to clean power generation. The change in China's energy and environmental policies will have a profound impact on the global market, trade and technological costs, etc. Demand for smart grid equipment in China and other countries throughout the world will continue to grow.

Looking ahead, the Group will seize new opportunities brought by the energy market, leverage its own advantages as a local enterprise to penetrate into Changsha, Hunan and successfully extend the successful experience to other areas and the rest of the world, adhere to the principle of "Seeking Progress while Ensuring Stability" to strengthen R&D investments, and improve the technology and team building. The Group will adhere to its mission as an expert of energy metering and energy efficiency management to steadily pursue for healthy and sustainable development and gradually consolidate its leading industry position in the global market.





The background is a dark blue gradient with a complex network of glowing lines and dots. The lines are primarily yellow and light blue, with some red and orange accents. They form a dense, web-like structure that appears to be expanding or moving towards the right. The dots are small, glowing spheres in various colors (blue, yellow, orange, red) scattered throughout the network.

# CORPORATE VISION:

CONTINUAL INNOVATION  
CONTRIBUTING TO WASION'S  
CENTENNIAL HISTORY



# ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT

## SUMMARY

It is the fourth corporate social responsibility report presented by Wasion Group Holdings Limited (“Wasion Group”, “Wasion” or the “Group”), who ensures the authenticity, objectivity and timeliness of the information in the report. Based on the principles of materiality, quantitative, balance and consistency, the report discloses the Group’s willingness and performances (both environmental and social) of discharging the responsibilities in 2017 as well as the commitments in 2018, in order to show the Group’s practices and efforts in promoting energy conservation and efficient consumption as well as discharging its social responsibilities, and demonstrate the Group’s determination to promote sustainable development of economy and society and continuously meet the needs and expectations of various stakeholders.

### (1) Organizations in the report

Unless otherwise stated, the report covers Wasion Group Holdings Limited and its subsidiaries, of which the businesses scope are described in “About Wasion”.

### (2) Period of the report

The period of the report is from 1 January 2017 to 31 December 2017.

### (3) Cycle of the report

The report is presented annually and generally issued before the end of April in the following year.

### (4) Clarification of the data in the report

If there is any discrepancy in the economic performance data of 2017 disclosed in the report, the financial reports shall prevail.

### (5) Standard of the report

The report has been prepared in accordance with the *Environmental, Social and Governance Reporting Guide* set out in Appendix 27 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited, issued by The Stock Exchange of Hong Kong Limited, *the G4 Edition of Global Reporting Initiative (GRI) Sustainable Development Reporting Guidelines*, and the *CASS-CSR3.0*.

### (6) Statement of change

Besides the further disclosure of key performance index from the *Environmental, Social and Governance Reporting Guide* set out in Appendix 27 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited, the scope and other category of the report have nothing significant change to the Corporate Social Responsibility Report 2016 of Wasion Group Holdings Limited.

For further information of Wasion Group, please visit <http://www.wasion.com>

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

To obtain the hard copy of Corporate Social Responsibility Report 2017 of Wasion Group Holdings Limited, please contact us at:

Address: No. 468 Tongzi Po West Road,  
National High-tech Industrial Development Zone of Changsha,  
Hunan Province, China.  
Zip code: 410205  
Tel: 0731-8861 9888  
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### I. ABOUT WASION

Wasion Group Holdings Limited is a leading Chinese supplier of integrated solution of smart metering, smart power distribution & utilization and energy efficiency management, committed to becoming an “Energy Metering and Energy Saving Expert” of China and even the world. Listed successfully on the main board of Hong Kong Stock Exchange in 2005, the Group is the first professional group of energy metering and energy efficiency management in China listed outside mainland China, and the first company in Hunan Province listed on main board outside mainland China.

Wasion Group has been focusing on the research and development, production and sales of the integrated solution of energy metering and energy efficiency management while the products and services have widely applied to the energy supply industries such as electric power, water service, natural gas and heating power, etc. as well as the large energy consumption units and resident users such as large public construction, petroleum & petrifaction, transportation, mechanical manufacturing, metallurgy and chemical industry, etc.

In respect of the process of production and consumption of energies, Wasion Group provides a full range of products needed during the whole course of production, transportation, distribution and consumption. In respect of customer demands, Wasion Group provides metering equipment, data communication and processing equipment for setting up automatic measuring system, and application software system covering data analysis, processing and accounting functions, depending on the requirement of different customers.

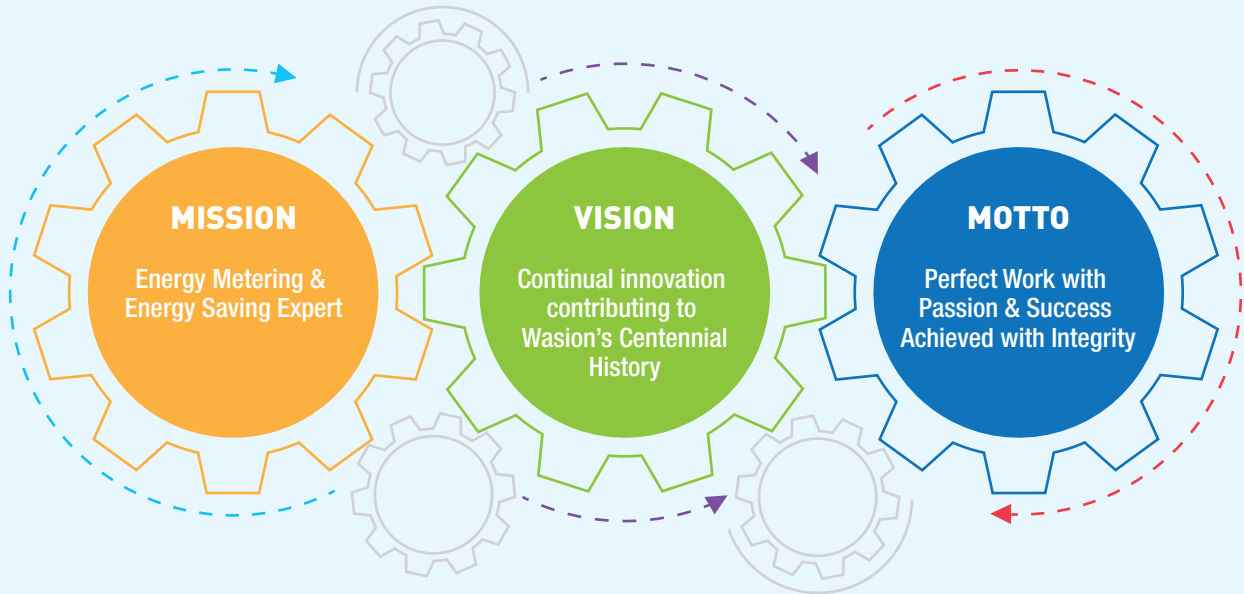
Facing the significant changes on the energy production and consumption pattern taking place in China and the world, the huge social responsibilities and development opportunities of energy conservation and emission reduction, and the new demands of smart grid, Wasion Group will always remember the mission of “Energy Metering and Energy Saving Expert”, never stop the sustainable innovation, and devote ourselves to make Wasion the leading enterprise in the Chinese smart grid and smart metering fields, one of the major suppliers of the international smart grid and smart metering fields, and global famous brand transcending national borders.

Wasion Group will persist in the core value of “Perfect Work with Passion, and Success Achieved with Integrity”. At the mean time of fast development, it will also perform its corporate social responsibility proactively and let every city, community, enterprise and family be benefited from the products, technologies and services provided by Wasion in a sustainable way.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### II. WILLINGNESS OF DISCHARGING THE RESPONSIBILITIES

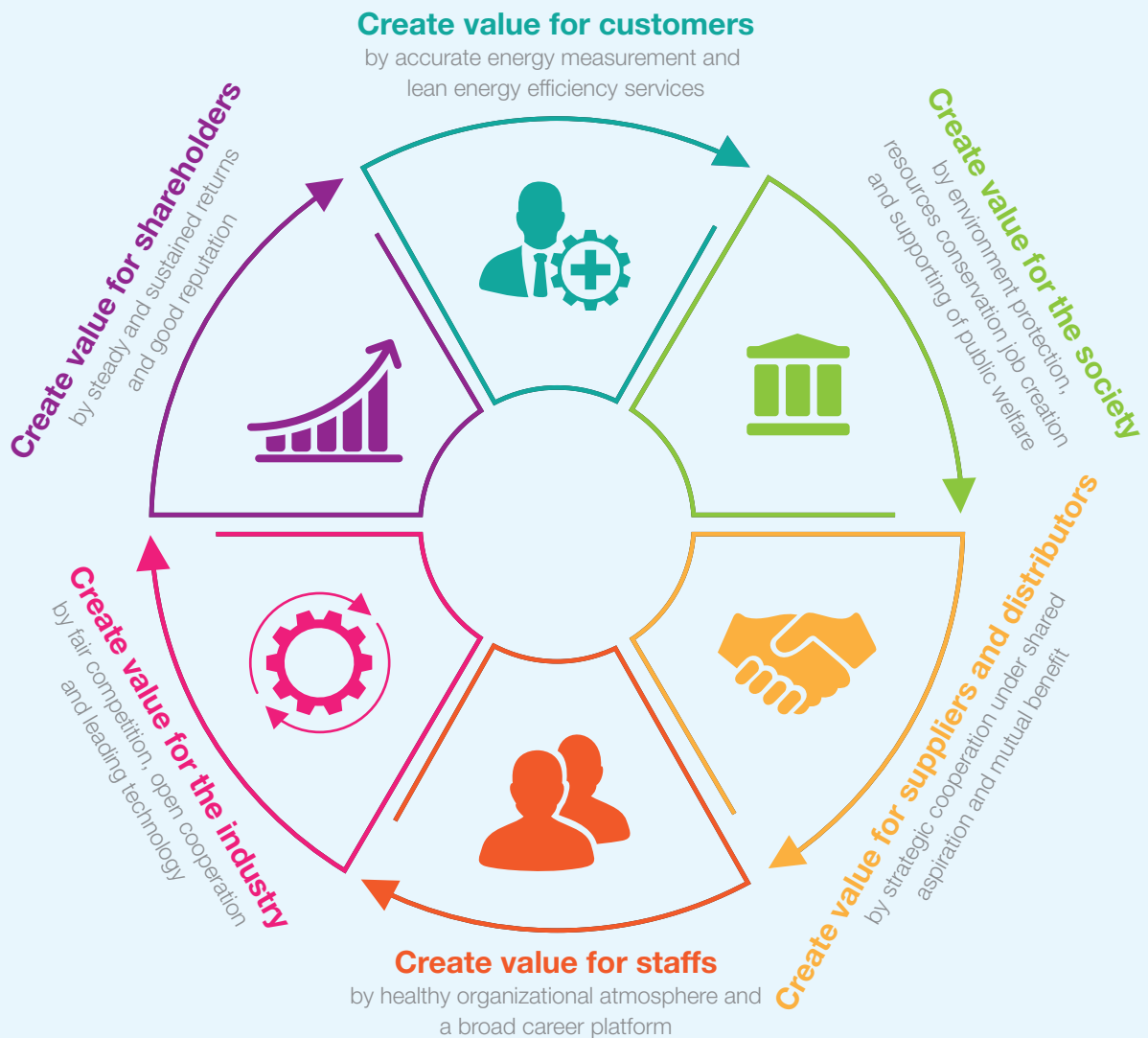
#### 2.1 Concept of Social Responsibility



Nowadays, energy and environmental issue remains the major social responsibility subject that currently constrains human sustainable development. As the forerunner in the energy measurement and energy efficiency management field, Wasion Group has been working hard in its skilled field. We do believe that using more accurate energy measuring technologies and more lean energy efficiency management services, we can help the whole society to gradually improve energy efficiency and reduce the environmental pollution generated in the process of energy utilization. Therefore, in the coming years the Group will be focusing on the measurement of electricity, water, gas and heating and energy efficiency management, and include **“to make irreplaceable outstanding contributions for human energy conservation and efficient utilization”** in our missions.



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)



Meanwhile, insisting on the Purpose of Wasion, “**Perfect Work with Passion, and Success Achieved with Integrity**”, We have been actively discharging social responsibilities, paying full attention to the interests of all stakeholders, actively seeking for the economic, social and environmental comprehensive value maximization, striving to achieve the maximized contribution to sustainable development, and making unremitting efforts to realize the great vision of “Continual innovation contributing to Wasion’s Centennial History”.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### Create value for customers

Provide more accurate, more reliable and smarter products and system services, and provide safer, more efficient, more professional system solutions and integrated services.

### Create value for staffs

Earnestly respect the value of staffs, build a learning organization, and constantly stimulate the potential creativity of the staffs to promote their growth.

### Create value for suppliers and distributors

Focus on the measurement of electricity, water, gas and heating and energy efficiency management, continuously enhance the core competence and capability in system integration, and achieve sustainable development in the harmonious interaction with all stakeholders.

### Create value for shareholders

Following the internal and external resources environment and the forefront of industry competition, constantly improve the comprehensive management vitality and profitability.

### Create value for the society

Make a sincere and lasting contribution to decent employment and social civilization and harmony with a strong sense of social responsibility, and make irreplaceable outstanding contributions to human energy conservation and efficient utilization.

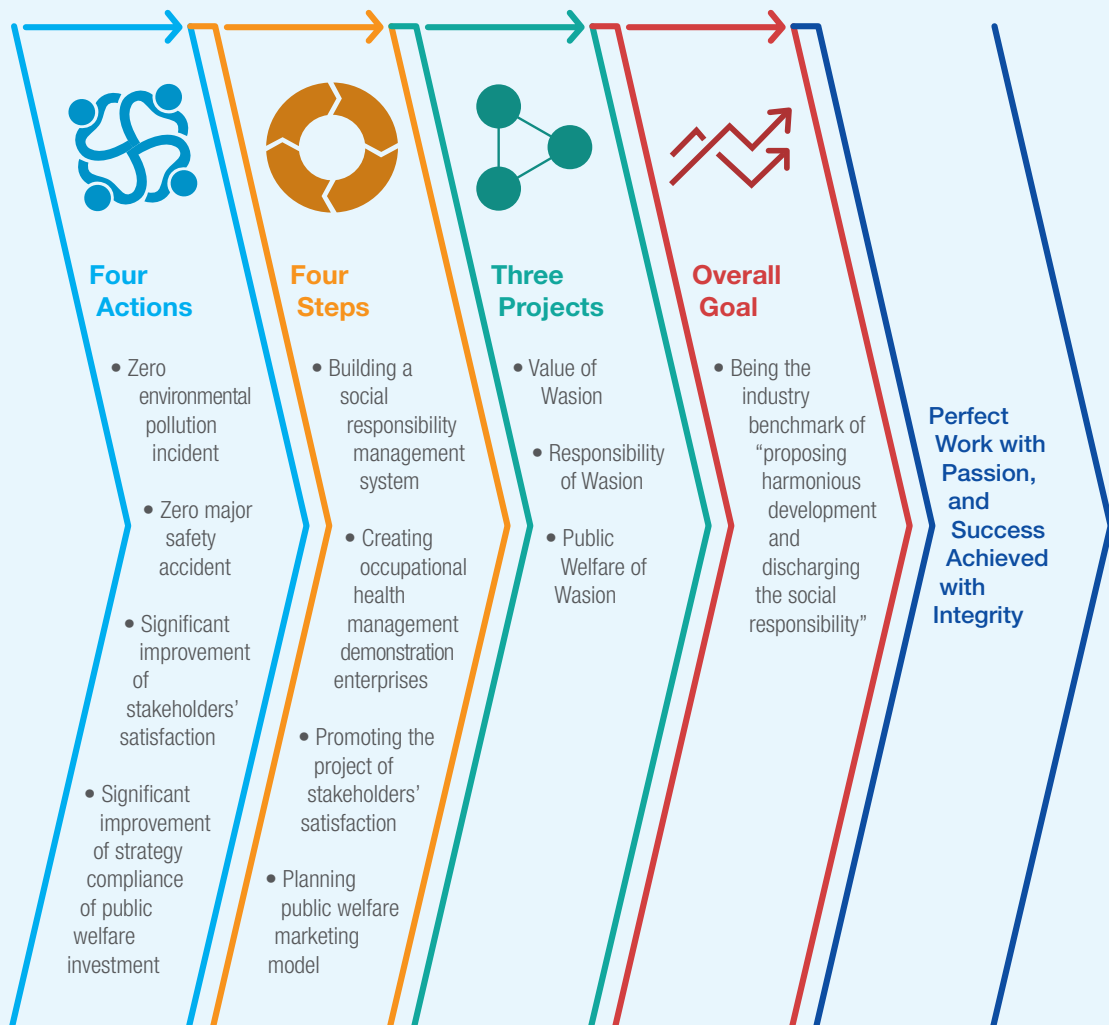
### Create value for the industry

Following the rapid development of global IC & IT applications, and continuously improve the R&D capabilities and contribution capacity of science and technology.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### 2.2 Development Strategy of Social Responsibility

Focusing on the demand of sustainable development of economy, society and environment, Wasion Group has determined **Four Actions** in its medium and long term strategic development plan, including “zero environmental pollution incident, zero major safety accident, significant improvement of stakeholders’ satisfaction, and significant improvement of compliance of public welfare investment strategy”. Focusing on the “six major stakeholders”, through **Four Steps**, including systematically setting up a social responsibility management system, creating occupational health management demonstration enterprises, promoting the project of stakeholders’ satisfaction, and planning public service marketing model, we will implement **Three Projects** orderly and firmly, including “Value of Wasion, Responsibility of Wasion and Public Welfare of Wasion”, to achieve the social responsibility strategy overall goal of “Being the industry benchmark of proposing harmonious development and discharging the social responsibility” and practice the enterprise purpose of “Perfect Work with Passion, and Success Achieved with Integrity”.





# ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

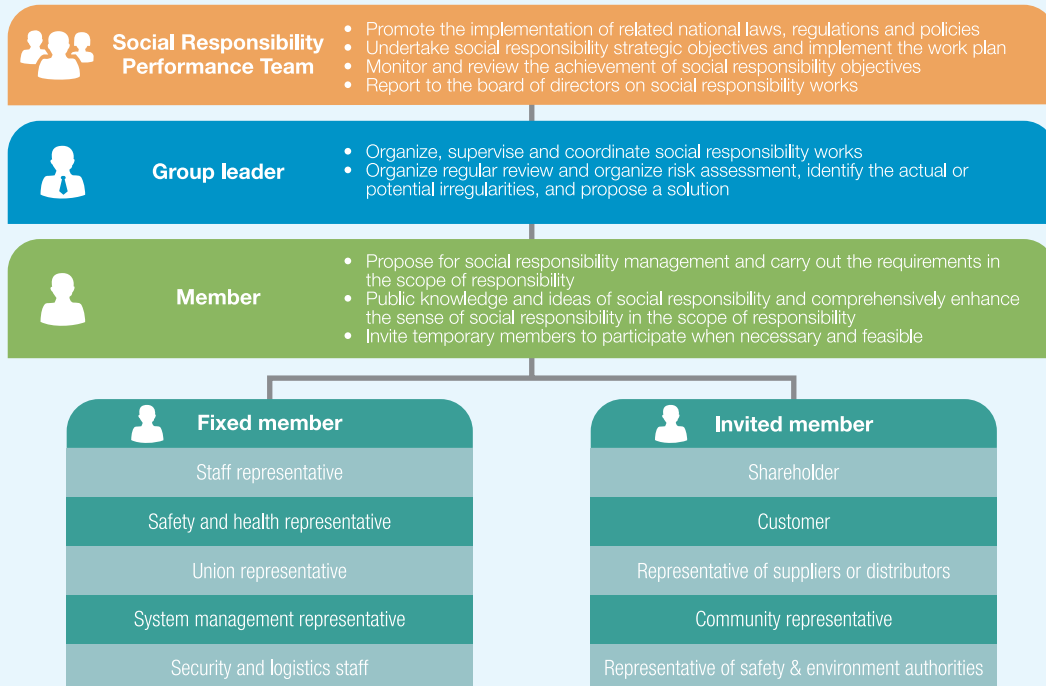
## 2.3 Management Mechanism of Social Responsibility

### ➤ Organization chart of social responsibility

In order to continuously improve its social responsibility performance and further play its role as an organization to ensure the social responsibility to be recognized at all corporate levels, Wasion Group optimized the organization framework of social responsibility and established a management model of “Performance Team” in 2017.



### ➤ Responsibilities of Social Responsibility Performance Team



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### ➤ Management system for social responsibility

Wasion Group has established a management system integrating the quality management system, the environmental management system, the occupational health and safety management system and the social responsibility management system through years of implementation. In 2017, aligning to the new requirements of the environmental management system and the social responsibility management system, the Group completed the all-around transition of ISO14001:2015 and SA8000:2014 through a series of work, including but not limited to internal training, management optimization and internal audit, and passed the acceptance inspection conducted by a third party.

#### New and Revised Provisions of Environmental/Occupational Health and Safety/Social Responsibility Management System (total: 52)

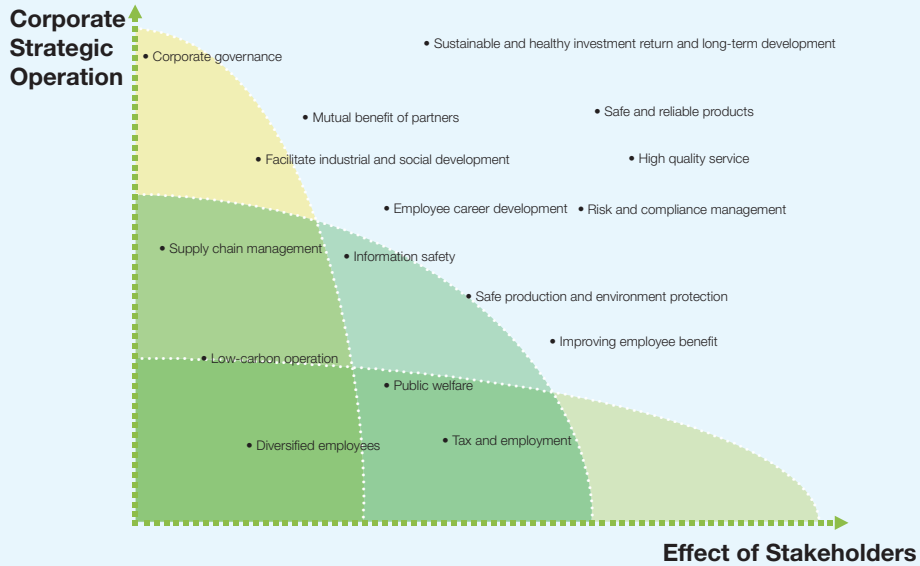
- Add “Control Procedures for Social Performance Team”, specifying ways of election and management function
- Add requirements on the approach and period of religious belief investigation by reference to the provisions of SA8000:2014
- Introduce the “Life Cycle View on Environmental Factors” by reference to the provisions of ISO14001:2015



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

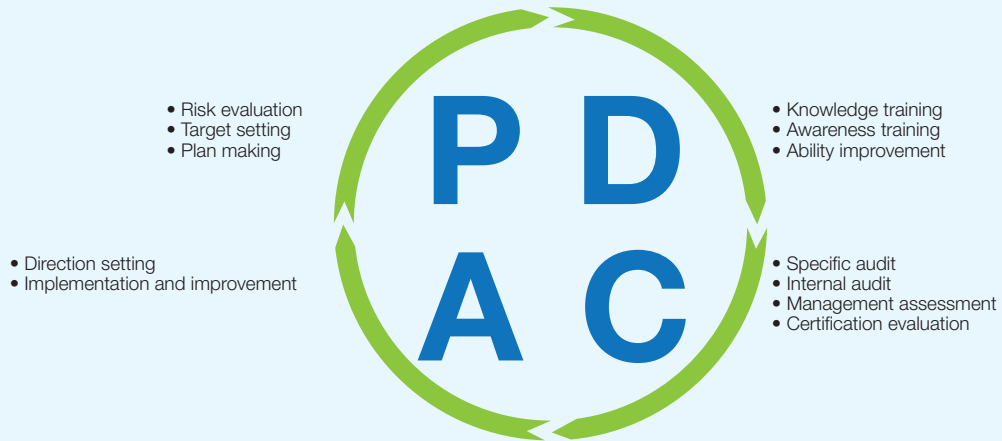
### ➤ Operation mechanism of social responsibility management system

The following chart sets out the key sustainable development themes of Wasion in 2017 based on its group strategic management and requirement of the stakeholders for the purpose of promoting the sustainable improvement of social responsibility performance.



### ➤ Continuous improvement mechanism of social responsibility

Wasion Group has stuck to the full application of PDCA to form a long-term mechanism.





## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### 2.4 Stakeholders' Communication

Wasion Group attaches great importance to the communication with stakeholders. By analyzing the scope, influence and importance of underlying benefit, it identifies the effective requirements and expectations of different stakeholders, establishes open and effective channels for communication and dialogue, and determines the method and frequency of their communication and participation to ensure the participation of stakeholders and the effective implementation of communication mechanisms so as to improve operating transparency.

 <b>Customer</b>	 <b>Staff</b>	 <b>Suppliers and distributors</b>
<b>Concerns</b> <ul style="list-style-type: none"> <li>• Product quality, safety and reliability</li> <li>• Quality service</li> <li>• Laws compliance</li> <li>• Reasonable price</li> </ul>	<b>Concerns</b> <ul style="list-style-type: none"> <li>• Health and safety</li> <li>• Reasonable salary</li> <li>• Increasing benefits</li> <li>• Development platform and space</li> </ul>	<b>Concerns</b> <ul style="list-style-type: none"> <li>• Common compliance with laws and regulations and business ethics</li> <li>• Integrity cooperation, mutual benefit and common development</li> <li>• Strict and standardized management</li> </ul>
<b>Communication</b> <ul style="list-style-type: none"> <li>• Customer Satisfaction Survey/annual</li> <li>• Customer Service Hotline/continuing</li> <li>• Plant visit/as required</li> </ul>	<b>Communication</b> <ul style="list-style-type: none"> <li>• Training/continuing</li> <li>• Performance evaluation/annual</li> <li>• Union meeting/annual</li> <li>• Management review meeting/twice a year</li> <li>• Employee Satisfaction Survey/twice a year</li> </ul>	<b>Communication</b> <ul style="list-style-type: none"> <li>• Supplier conference/annual</li> <li>• Supplier inspection/as required</li> <li>• Technical exchange/as required</li> <li>• Daily business exchange/continuing</li> </ul>
 <b>Shareholders</b>	 <b>Government and community</b>	 <b>Industry</b>
<b>Concerns</b> <ul style="list-style-type: none"> <li>• Complying with laws and regulations</li> <li>• Continuous and healthy return and long-term development</li> <li>• Social status, prestige and achievement</li> </ul>	<b>Concerns</b> <ul style="list-style-type: none"> <li>• Safety production and environmental protection</li> <li>• Stable promoting the industry and social economic development</li> <li>• Taxation and employment</li> <li>• Supporting social welfare</li> <li>• Participating in community building</li> </ul>	<b>Concerns</b> <ul style="list-style-type: none"> <li>• Complying with national laws and regulations and business ethics</li> <li>• Fair competition</li> <li>• Open cooperation</li> <li>• Technological innovation</li> </ul>
<b>Communication</b> <ul style="list-style-type: none"> <li>• General meeting/annual</li> <li>• Press conference/as required</li> <li>• Site visit and investigation/as required</li> </ul>	<b>Communication</b> <ul style="list-style-type: none"> <li>• Daily work report/continuing</li> <li>• Website information release/continuing</li> <li>• Satisfaction Survey/annual</li> <li>• Community visits/as required</li> </ul>	<b>Communication</b> <ul style="list-style-type: none"> <li>• Participate in industry planning and standards definition/as required</li> <li>• Technical Summit/as required</li> <li>• Website information release/continuing</li> <li>• Daily business exchange/continuing</li> </ul>

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### 2.5 Evaluation of Materiality

Pursuant to the key performance indicators stated in the *Environmental, Social and Governance Reporting Guide* set out in Appendix 27 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and based on the reporting principles of materiality, quantitation, balance and consistency, Wasion Group identified and conducted materiality evaluation on its key categories in relation to the environment, society and governance in 2017 through the participation of the Group and key stakeholders.

Type	Key Categories
<b>Environmental</b>	
Emissions	<ul style="list-style-type: none"> <li>• Polluted water</li> <li>• Greenhouse gases</li> <li>• Exhaust</li> <li>• Solid waste</li> </ul>
Use of Resources	<ul style="list-style-type: none"> <li>• Use of energy</li> <li>• Use of water</li> </ul>
The Environment and Natural Resources	<ul style="list-style-type: none"> <li>• Monitoring of environmental performance</li> <li>• Energy conservation and emission reduction</li> </ul>
<b>Social</b>	
Employment	<ul style="list-style-type: none"> <li>• Compensation and dismissal, recruitment and promotion, working hours, rest periods</li> <li>• Equal opportunity, diversity, anti-discrimination</li> </ul>
Health and Safety	<ul style="list-style-type: none"> <li>• Occupational health and safety</li> </ul>
Development and Training	<ul style="list-style-type: none"> <li>• Employees' development and training</li> </ul>
Labour Standards	<ul style="list-style-type: none"> <li>• Preventing child and forced labour</li> </ul>
Supply Chain Management	<ul style="list-style-type: none"> <li>• Quality of supply chain and effects to social responsibility</li> </ul>
Product Responsibility	<ul style="list-style-type: none"> <li>• Quality management level</li> <li>• Monitoring and measurement of product</li> <li>• Measurement of customer satisfaction</li> <li>• Customer privacy</li> </ul>
Anti-corruption	<ul style="list-style-type: none"> <li>• Principles of honesty and integrity</li> </ul>
Community Investment	<ul style="list-style-type: none"> <li>• Public welfare</li> <li>• Activities investment in the reporting period</li> </ul>

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### III. PERFORMANCES OF DISCHARGING THE RESPONSIBILITIES

Wasion Group integrates social responsibility into its ordinary and usual course, and is committed to promoting the economic and social development with its green management, facilitating sustainable development of the Company together with the industry and the society as well, and seeking for maximized comprehensive value.

#### 3.1 Environment

In the reporting period, no case has been identified by the Group constituting a breach of the laws and regulations in relation to environment.

##### ➤ Emissions

Wasion Group has been committed to environmental protection by promoting low-carbon operation. It strictly implements the provisions set out in the ISO14001 environmental management system and mechanisms related to environmental protection. On the one hand, It pays attention to the sustainable construction, optimization, transformation and regular maintenance of environmental infrastructure to improve the efficiency of equipment and facilities; on the other hand, it promotes low-carbon life through publicity and education. Meanwhile, it takes a number of effective measures and monitoring processes to require all departments to strictly comply with the internal environmental management system and ensure its compliance with laws and regulations and discharge of responsibilities to protect the environment.

The Group has formulated the *Management Measures for Waste and Waste List and Processing Requirements* to regulate and guide the disposal of waste, and implemented effective measures for the management and monitoring of different types of waste. At the same time, the Group accurately monitors various emissions according to the *Control Program for Monitoring and Measurement* to keep abreast of the Group's environmental performance and develop emission reduction targets.

##### ➤ Polluted water

In the reporting period, total sewage discharge from the plant was 300,000 tons, and the emission by annual turnover was 102 tons per RMB1.00 million, representing a decrease of 26% over the same period last year.

As early as 2008, the Group adopted the non-cleaning technology and no industrial waste water was generated in the production process.

The Group built a sewage treatment station to deal with domestic sewage from the plant and obtained a sewage discharge permission issued by the local environmental protection authority. The Group has standardized the discharge at class III standard as provided in the permission. A maintenance mechanism has been formulated, pursuant to which, the sewage treatment facilities are repaired and maintained on a regular basis, and equipment operation is inspected and sewage treatment is monitored and recorded on a daily basis.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### ➤ **Exhaust**

The air emissions of the Group in 2017 complied with the requirements in the *Air Pollution Prevention Law of the PRC* and were inspected by relating management authorities.

The major air emissions of the Group are smoke generated in wave soldering and reflow soldering, and cooking exhaust, of which both the quantity are tiny and qualified to be discharged. The standardized cooking exhaust from our canteen, which has been purified by fume purification devices certified by the provincial environmental protection authority, is discharged into high-altitude air. The standardized tiny smoke generated in wave soldering and reflow soldering is discharged into high-altitude air after being collected and filtered according to the requirements from the environmental protection authority.

The Group has established a daily maintenance system to regularly clean the discharge pipelines.

### ➤ **Greenhouse gases**

In the reporting period, the energy-related carbon dioxide equivalent was 12,103 tons<sup>1</sup>, and the carbon emissions by annual turnover were 4.1 tons per RMB1.00 million, representing a decrease of 9% over the same period last year.

The production activities of the Group need electricity to maintain the machine operation, daily lighting and indoor temperature conditioning, etc. In addition, sometimes the Group needs to use natural gas to maintain a comfortable indoor temperature. Therefore, our carbon emissions are mainly resulted from the greenhouse gases generated in electricity and seasonal natural gas consumption.

### ➤ **Solid waste**

In the reporting period, total waste paper was 30 tons, and the quantity by annual turnover was 0.01 ton per RMB1.00 million, flat with last year. Total daily garbage was 540 tons, and the quantity by annual turnover was 0.18 ton per RMB1.00 million, representing a decrease of 5% over the same period last year. The major hazardous waste (solder splash) was 14.7 tons and recycled through qualified recycling units.

Following its *Waste List and Processing Requirements*, the Group sets up the garbage can according to the type of waste. Garbage is classified and put into the designated garbage can or stacking site. Meanwhile, the Group continuously develops and applies various e-flows in office software to reduce the use of paper.

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<sup>1</sup> The calculation of carbon emissions is based on the Greenhouse Gases Protocol published by WBCSD and WRI, Environmental Key Performance Index Reporting Guide issued by the HKEx, and the China Regional Grid Baseline Emission Factor and Guidelines for the Accounting and Reporting of Greenhouse Gases Emissions in Electronic Equipment Manufacturing Enterprises (for Trial Implementation) published by the Climate Change Office of National Development and Reform Commission of China.



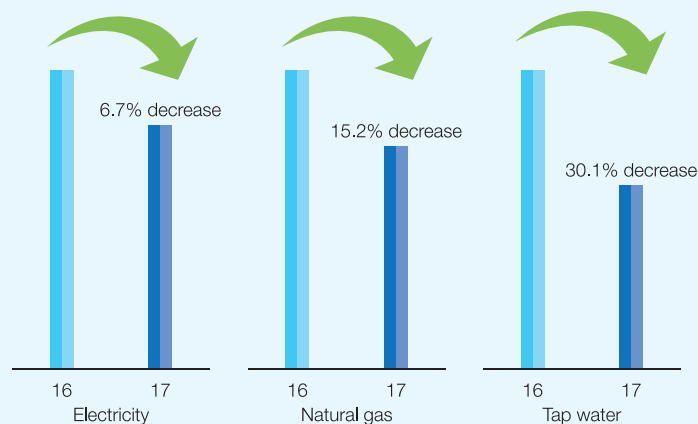
## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

The non-hazardous waste mainly represents waste paper, kitchen waste and staffs' household refuse. The major hazardous waste is solder splash generated in production processes. The hazardous wastes are stored on special site and regularly delivered to qualified contractors for processing. Please refer to the sections named "Use of Resources" and "The Environment and Natural Resources" for details of each energy conservation and emission reduction measure.

### ➤ Use of Resources Key performance indicators

Category	Total	Average consumption per million of annual turnover	Unit
Electricity	17,400,000	5,943	KWH
Natural gas	360,000	123	cubic meter
Tap water	360,000	123	ton
Packing material <sup>2</sup>	11,880	4	ton

**Average Energy Consumption Proportion of Annual Turnover**



Wasion Group has formulated the *Management Approaches for Energy Conservation* to guide the rational use of resources. As an energy efficiency management expert, we take the lead in taking measures to reduce energy consumption and reduce the negative impact on the environment.

<sup>2</sup> The major packing material is hard paper case.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

A series of technology methods are increasingly invested in, such as the use of renewable energy, the transformation of energy-saving equipment and facilities, the enhanced maintenance and the use of energy-saving materials, etc. The energy efficiency is improved by the scheduled temperature control system in central air conditioning system and the standardized working environment temperature range. Meanwhile, the internal energy-saving education is continuously carried out. For example, the staff are advised to bring their own cups, and turn off the light when they leave the office. Various energy conservation and emission reduction activities are organized to raise the environmental awareness of the staff. Once the pipeline leaks, the report and repair is timely. Water-saving, energy-saving and other visual energy-saving logos are posted in the office, drinking room, toilet and other places to create energy-saving atmosphere.

The Group has made reasonable use of water obtained adequately from the municipal water supply system, hence no problem had been found in seeking for water source.



Tree Planting

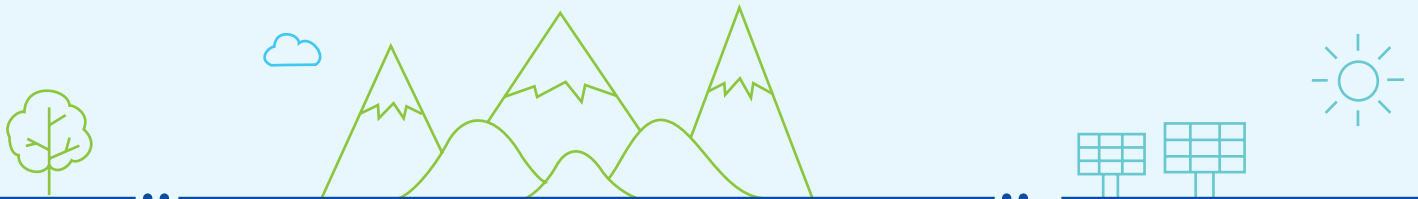


Adopt-a-Tree

### ➤ The Environment and Natural Resources

Wasion Group has formulated various management documents, such as *Control Program for Identification and Evaluation of Environmental Factors*, *Control Program for Laws, Regulations and Other Requirement*, *Control Program for Monitoring and Measurement*, and *Control Program for Compliance Evaluation*, to identify environmental factors, evaluate environmental impacts, monitor environmental performance and reduce negative environmental impacts, and scientifically and systematically implement the environmental protection works.

Owing to its sound foundation in energy conservation and consumption reduction, clean production and resource utilization, Wasion Group was included on the "List of Hunan Green System Creation Plan" (湖南省綠色體系創建計劃名單) in April 2017, and certified as a "Provincial Green Factory" (省級綠色工廠) in November 2017 and a "National Green Factory" (國家級綠色工廠) in February 2018.



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### *Green plant*

Wasion Group attaches great importance to infrastructure construction and maintenance. It divides the plant into several function areas, allowing smooth goods transportation. The plant is well equipped, and an energy management system has been introduced by the change of establishing a green factory and has operated well so far.



Wasion Science and Technology Park



PV Power Generation System in Wasion Science and Technology Park

### *Green product*

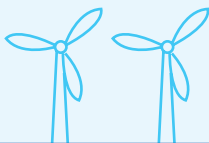
For the purpose of promoting green, circular and low-carbon development of the society, Wasion Group has introduced the concept of ecological design with years of exploration and experience accumulation, reflected by the use of instruments and raw materials with low energy consumption and low pollution, adoption of software and hardware design schemes with low energy consumption, and continuous optimization of energy consumption during the process of production to reduce the consumption of raw materials and packing materials. Meanwhile, it focuses on new energy business expansion and supports the implementation of PV poverty alleviation project.



Lead-free workshop



PV poverty alleviation project



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### Green energy

Our kitchen makes full use of natural ventilation and lighting, with energy-saving lights, automatic light control system and energy control and surveillance center. The Group proactively uses renewable and clean energies including the solar power, wind power and geothermy, etc. It highlights the environmental protection work, strictly implements “three simultaneity” environmental system, and ensures the emission and release of each pollutant within standards.

### 3.2 Society

#### ➤ Employment

High-caliber people are important strategic resources for the development of an enterprise. Sticking to the basis of improving human resource management in a scientific and systematic manner and the purpose of facilitating human resource construction, the Group has been long committed to promoting the mutual development with its employees, establishing sound compensation and welfare package, and conducting scientific and systematic occupation and safety management so as to provide the staff with an outstanding platform for value appreciation.

The Group strictly comply with the requirements of the laws and regulations such as the *Labor Law of the PRC* and the *Law on the Protection of Women’s Rights and Interests of the PRC* Relating to recruitment, promotion, compensation, welfare, performance evaluation, training and staff relations and communication, we formulated the *Control Program for Human Resources*, *Management Measures for Job Qualification and Performance Evaluation*, *Management Measures for Human Resources Deployment* and *Management Measures for Training*. In respect of “selection, education, positioning and retaining” of human resources, based on the principles of fair, just and open, the Group strictly implements “equal pay for equal work” and “anti-discrimination”. As for the protection of staffs’ rest and leave, the policies are strictly implemented, such as holiday leave, paid annual leave, three periodic protection leave for female staffs, etc. In order to expand and deepen the scope of welfare and beneficiary, various welfare policies has been formulated, such as cash and material welfare on holiday, pregnant women’s restaurants, free working meals, free shuttle, annual physical examination, commercial accident insurance and high temperature subsidies for manufacturer, sales, engineering and technical staffs, etc.

In the reporting period, the Group had not found any case of significant violations relating to human resources laws and regulations.



Establishing incentive system for talent recommendation



Celebrating festival with the staff



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

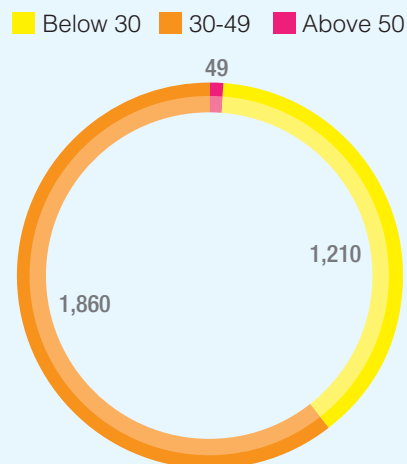
As at 31 December 2017, total number of the Group's employees was 3,119<sup>3</sup>, all in China, with distribution as follows:

Gender	Total (person)
Male	2,062
Female	1,057

Position	Total (person)
Senior	72
Middle	289
Basic	2,758

### Employee Age Structure



### ➤ Health and Safety

By creating green, healthy, vigorous and friend working environment, Wasion leads the employees to form a healthy, scientific and positive life of style and occupational value.



<sup>3</sup> Total number of employees represents the aggregation of all full-time contractual employees

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

The Group implements occupational health and safety management scientifically and systematically pursuant to its various management documents including the *Control Program for Hazard Identification*, *Management Program for Safety Production*, *Control Program for Labor Protection*, *Control Program for Incident Investigation and Processing*, and *Management Measures for Fire Safety*, etc.

Following previous successful experiences, the Group further determined the improvement direction of its occupational health, safety and environment management in 2017. It strengthens the management in emphasizing employee health, spreading health knowledge and improving emergency capacity; organizes lectures on safety and health, and assists employees in participating external training of first-aid knowledge, continuously conducts inspection on employee health condition, holds various emergency training and rehearsal (quarter evacuation manoeuvre was introduced in 2017), and conducts monthly security inspection and holiday inspection on infrastructure condition and electricity consumption of each department, during which a notice of rectification will be issued to anyone who breaches regulations and the progress of rectification is required to be reported on a regular basis.

In the reporting period, the Group had not found any case of violations relating to health and safety laws and regulations.

### ➤ Development and Training

The Group provides diversified training approaches pursuant to the *Control Program for Human Resources*, *Management Measures for Training*, and *Management Measures for Job Qualification and Performance Evaluation*, such as lecture, conference discussion, technical exchange, industry forum and document learning, etc. It establishes diversified career development channels for staff's growth and focuses on the establishment of a high-calibre talent team to improve its core competitiveness and ensure its sustainable development.

- Participating ratio of female employees accounts for **96.5%**, with average training hours of **12**
- Participating ratio of male employees accounts for **91.7%**, with average training hours of **9.7**
- Participating ratio of senior management accounts for **100%**, with average training hours of **45.5**
- Participating ratio of middle management accounts for **100%**, with average training hours of **34.3**
- Participating ratio of basic employees accounts for **95.5%**, with average training hours of **31.7**



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### ➤ Labor Standards

In accordance with the requirements of SA8000 Social Responsibility Management System, the Group has formulated a series of documents such as *Control Program for Extension Education*, *Control Program for Non-Forced Labor* and *Management Measures for Staffs' Complaints*, etc. to ensure that no child labor and forced labor incidents occur. In order to avoid misuse of child labor, at the beginning of the recruitment, human resources department checks identity information of each candidate with the police, and a social responsibility training course is carried out at their entry to let the new staffs understand the labor policy and clear the rights and interests. Meanwhile, in order to early prevent and avoid forced labor events, the regularization, standardization and transparency of democratic management are promoted through social responsibility management review, internal audit, staff forum and operation express, etc. The measure for misuse of child labor was also clear in the relevant documents, including reporting to the competent authorities and providing assistance if necessary.

In the reporting period, the Group had not found any case of violations relating to child and forced labor laws and regulations.

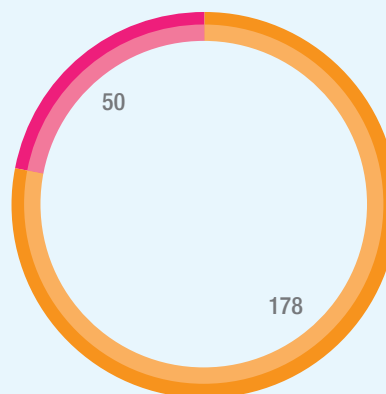
### ➤ Supply Chain Management

Wasion insists on mutual trust and benefit and strategic cooperation as its approach of supply chain management and implements all-win strategy through the construction of communication and interaction channels and establishment of a comprehensive supply chain management system.

The relevant evaluation clause of the social responsibility performance is formulated in the *Management Measures for Suppliers* to evaluate the suppliers' social responsibility performance in the introduction of new supplier, the daily supervision and regular evaluation, to ensure that the supplier with good performance of social responsibility is selected. The concept of social responsibility of the Group is delivered to and influences our suppliers in the form of "Notification of Social Responsibility".

#### Supplier Distribution

■ Domestic ■ Overseas



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### ➤ Product responsibility

Wasion has been adhered to the quality value that “Quality is the life of Wasion, the dignity of every Wasioner” and committed to establish a systematic and comprehensive quality assurance system. Using process methods, system approach and the Plan-Do- Check-Action management cycle (PDCA), Wasion implements the life cycle quality control of the product from design to service to ensure the quality and safe use of products.

Always focusing on the customer, Wasion implements controls on the whole system, the whole feature and the whole process of product delivery. Through the project quality control system named “one core and three effects”, it promotes life circle management on products, and sets up domestic and overseas service networks, providing all-around technical services on a timely, professional and efficient basis.

In the reporting period, the Group had not found any case of violations relating to laws and regulations on quality of product and service.

The Group systematically establishes the following monitoring and measurement process of product.

#### *Measurement of customer satisfaction in 2017:*

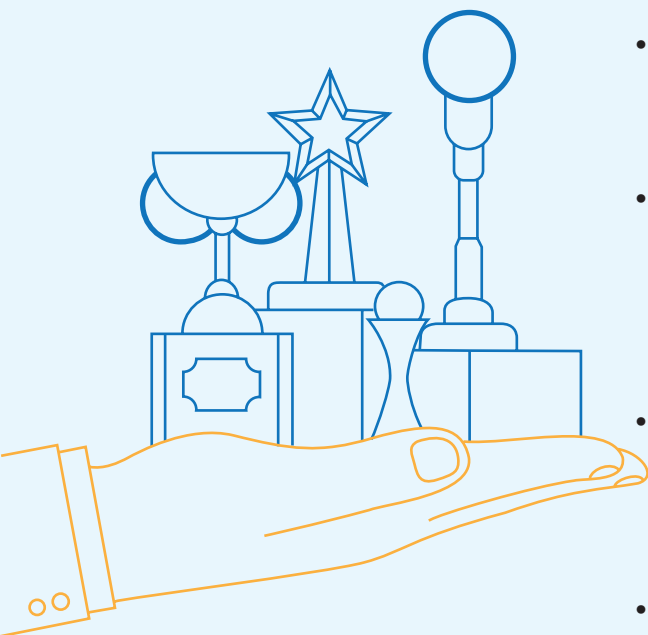
The Group’s customer quality control department is responsible for determining the measurement scheme of customer satisfaction annually. The methods used includes but not limited to the issue of customer satisfaction surveys, on-site visits, visiting customer quality interviews, telephone interviews, exhibition exchanges and commissioning of third parties for evaluation. The results of the survey are analyzed and the organization is improved to promote the continuous improvement of product quality and service quality.

The survey of customer satisfaction in 2017 was assisted by the marketing and the technology service departments to obtain relating comments and suggestions, and summarized and analyzed by the quality control department using index calculating method. The results are as follows:

Project	2017	2016
Customer Comprehensive Satisfaction	<b>95.40%</b>	93.26%
Product Quality Satisfaction	<b>94.95%</b>	92.85%
Service Quality Satisfaction	<b>96.60%</b>	95.44%



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)



- Wasion Group Holdings Limited was granted the fifth “Governor’s Quality Award in Hunan” (湖南省省長質量獎) in recognition of its outstanding performance in quality, innovation, technology and brand
- Wasion Group Holdings Limited won an outstanding organization award (優秀組織獎) in the staff vocational skills competition under 2017 Lugu Artisan Cup (麓谷工匠杯), in which its employee contestants won the first and the second prize of electronic assembly project and the fourth prize of CAD project respectively
- Wasion Group was awarded AAA credit rating of software enterprise (軟件企業AAA信用等級) during the evaluation of 2017 China Credit Ratings of Software and Information Service Enterprises (2017年中國軟件和信息服務企業信用評價)
- Weisheng Energy Industrial Technology Co., Ltd. won the third prize of 2017 Science and Technology Awards for the PRC Mechanical Industry Award (2017年中國機械工業科學技術獎)

### ***Establishment of a systematic innovation mechanism:***

The Group promotes “everyone innovates everyday”, an innovation value of Wasion, through the establishment of a systematic innovation mechanism as well as long-term stable investment in innovation.

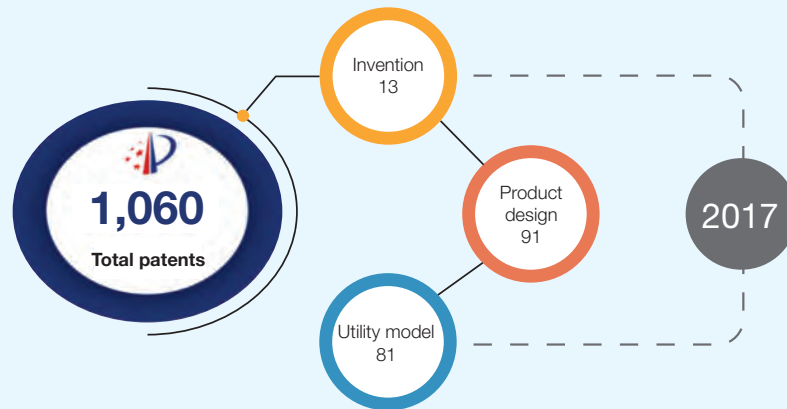
Wasion invests more than 7% of its annual turnover in research and development and technology innovation to ensure its leading technological position in the industry. The Group owns the National-local Collaborated Research Centre for Intelligent Comprehensive Energy Efficiency Management Technology, the Electronic Metering Instrument Engineering Technology Research Center of Hunan Province, the Enterprise Post-doctoral Research Station, the Academician (Expert) Workstation. It conducts extensive industry-university-research cooperation with numbers of universities, including Tsinghua University, Huazhong University of Science and Technology and Zhejiang University, as well as various scientific research institutes, including the National Institute of Metrology, China Electrical Power Research Institute and the Electrical Power Research Institute of Guangdong Province. An innovation foundation funded by Mr. Ji Wei, Chairman of the board of directors, has been established by the Wasion Group to encourage teams and employees who innovates in technology, market and management.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)



Wasion was awarded the Top 10 Innovated Enterprise Culture Brand.

In order to protect internal and external intellectual properties, the *Management Measures for Intellectual Property* had been formulated to regulate the requirements of protection and inspection, according to the *Patent Law of the PRC*, the *Detailed Rules for the Implementation of the Patent Law of the PRC* and the *Provisions of Patent of Hunan Province*, etc.



Furthermore, Wasion Group attaches great importance to the privacy protection of customers, employees and suppliers, and is committed to maintaining and safeguarding its relevant information, including brand-related intellectual property and confidential information and any form of confidential information of potential property or economic value. At the same time, cooperating suppliers are required to sign relating provisions to protect confidential information and prevent the relevant information from unauthorized use through appropriate technical means and processes. Any information leakage of the supplier or staff will be strictly investigated and processed in accordance with the signed effective provisions or internal regulations.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### ➤ Anti-corruption

According to the 10 principles in UN “Global Compact”, anti-corruption of Wasion Group is definite and determined. The *Supervision System of Wasion Group* has been formulated to regulate the processes and requirements of supervision, and the special Risk Control Center has been set up to implement corruption prevention and supervision, accept corruption reports, and carry out anti-corruption investigation. Meanwhile, in the *Wasion Values and Code of Conduct Manual*, three anti-corruption provisions have been defined among ten prohibitions of commercial activities to improve the awareness of corruption of all staffs by continuous training and promoting. A reporting process has also been set up to encourage and assist whistle-blowers to report misconduct, fraud or irregularities through confidential channels in the operation express or internal office platform. We are committed to process and review the representations fairly and justly, and define the appropriate investigation and corrective actions based on specific needs.

In the reporting period, the Group had not found any case of violations relating to laws and regulations for bribery and corruption, and there was no any prosecuted and concluded corruption case against the Group or its employee.

### ➤ Community investment

Wasion is always committed to the operation principle of “for the people, for the community” and recognizes its social responsibility. The Group has set up the special “Staff Support Fund” and “Staff Innovation Fund”, as well as the supporting management measures as a “normal”.

It has been ten years since the launch of the Staff Support Fund, which donated nearly RMB5.60 million accumulatively. In 2017, centering on the themes of “Give a hand to female staffs to realize Wasion’s dream together” (巾幗半邊天共築威勝夢), “Light a lamp and warm a heart” (點亮一盞燈溫暖一顆心), and “You’re here for innovation and I’m here for you” (創新有你困難有我) targeted to help the staff to solve their practical difficulties and concerns, the fund donated an aggregate amount of RMB385,000 to 103 employees in need.

The Staff Innovation Fund insists on the principle of helping the staff success together, creates a platform for innovation and innovator, and provides financial supports for all kinds of innovative ideas and solutions. In 2017, The Group received 496 applications for various types of innovation funds, 85% of which i.e. 420 applications were awarded at a total amount of RMB1.824 million.

That “Love the nature, love our motherland, do things beneficial to the social well-being and be a person with social responsibility” is the code of conduct for every Wasioner. Always devoted to the public welfare, Wasion cares for the staff as well the society and with its acts, drives more people to join in public welfare.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

On the other hand, the Group focuses on cooperation with universities, not only being committed to the market-oriented conversion from research to production, but also offering internships and employment opportunities for the university. With an open, tolerance, mutual benefit and win-win attitude, the Group receives the undergraduates for internship in finance, research and development, technical support departments. In 2017, over 1,500 short-term internships were arranged and over 150 students were employed.



Support the reconstruction work in the disaster-hit area in Hunan

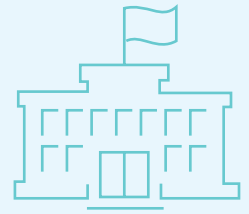
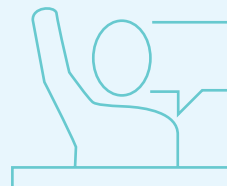
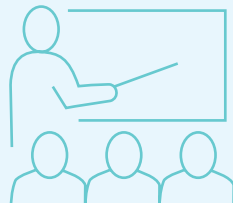
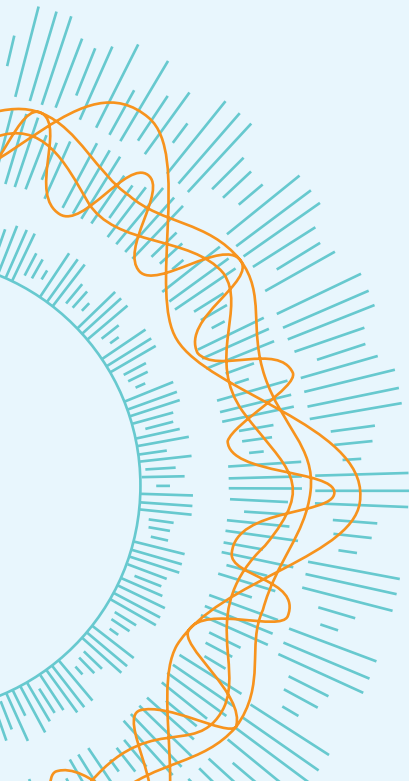


Donate books to Mibei School in Xinhuang Dong Autonomous County



Support voluntary blood donation

Category	Capital investment	Time investment
Education	Over RMB0.12 million	90 hours
Society	Over RMB4 million	150 hours





## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

### IV. EVALUATION AND DEVELOPMENT DIRECTION OF COMMITMENTS OF DISCHARGING THE RESPONSIBILITIES

Based on the commitments for actions made in 2017 under the 10 principles of “Global Compact”, we will further enhance and continuously improve them in 2018 to implement the purpose of “Perfect Work with Passion, and Success Achieved with Integrity”.

10 principles of “Global Compact”	Commitments for actions	Evaluation of discharging the responsibilities in 2017	Development direction in 2018
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#### Human Rights

1.	Businesses should support and respect the protection of internationally proclaimed human rights.	Comply with the international conventions and international practices signed and recognized by the Chinese Government, comply with the laws and regulations of the host country, and undertake to respect and support human rights within the Group’s operations and influence.	Full compliance.	To maintain and review whether there is a deviation and continuously improve.
2.	Make sure that they are not complicit in human rights abuses.	Never complicit in human rights abuses.	Full compliance.	To maintain and review whether there is a deviation and continuously improve.
		Offer job opportunities for a number of disabled people to protect their rights and interests.	The Company is against discrimination and fair to the disabled people in recruitment, and employ people only by abilities.	To undertake the initiatives to offer appropriate jobs to the disabled people.

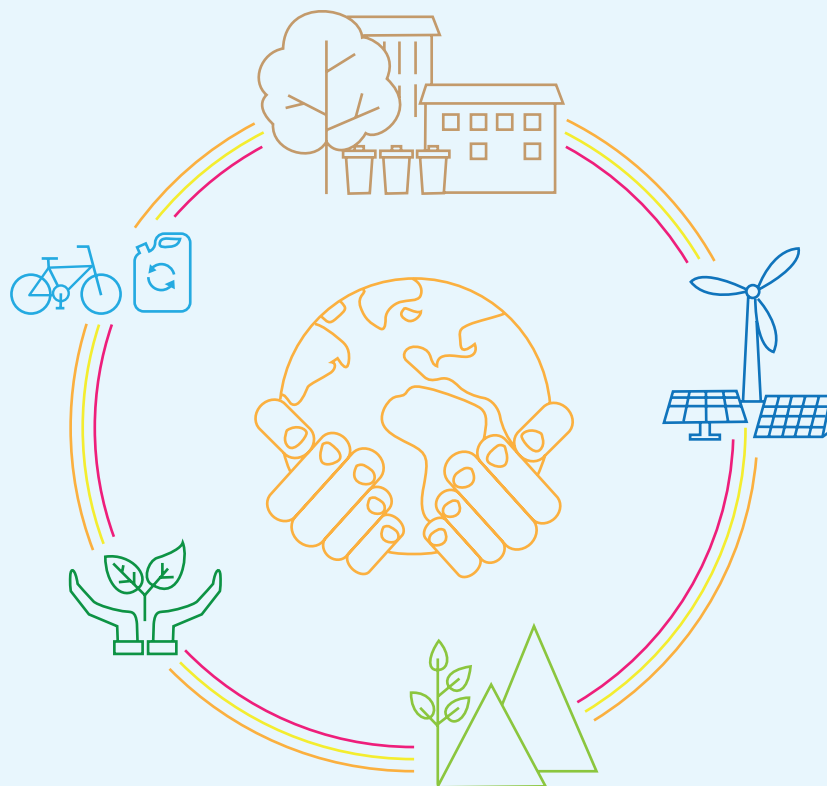


## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

10 principles of "Global Compact"	Commitments for actions	Evaluation of discharging the responsibilities in 2017	Development direction in 2018
<b>Labor</b>			
3. Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	Ensure the free exercise of trade unions, and actively support the trade union activities to protect the right to collective bargaining.	Activities to enrich the staffs' spare time were planned and organized more than 10 times, including football, chess, speech, hiking and knowledge contest.	To continuously inspect and improve according to the formulated policies.
4. The elimination of all forms of forced and compulsory labor.	Promote the regularization, standardization and transparency of democratic management through staff congress, staff forum and operation express.	Continue to hold the monthly staff forum for specific subject, be close to the staffs' life and listen to their hearts.	To continuously inspect and improve according to the formulated policies.
5. The effective abolition of child labor.	Eliminate child and forced labor.	It is definite in the recruitment system and strictly implemented, and there was no child labor found.	To continuously inspect and improve according to the formulated policies.
6. The elimination of discrimination in respect of employment and occupation.	Eliminate discrimination in respect of ethnic, gender, age, disease, race and religion, pay upon the position and performance, and implement equal pay for equal work.	The relating management requirements, including compensation policy and staffs' manual had unified the thoughts and been strictly carried out.	To continuously inspect and improve according to the formulated policies.
	Ensure decent employment, provide compensation suitable to national conditions and the actual situation of the company, balance the work and life, establish a reasonable paid leave system, and be perfect 100% at labor contract signing rate, five insurance-employment compliance.	The survey of the minimum living needs of staff was carried out to verify the level of compensation. The labor contract signing rate, five insurance-one fund coverage and employment compliance are all 100%.	To implement a project to improve the working efficiency.

## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

10 principles of "Global Compact"	Commitments for actions	Evaluation of discharging the responsibilities in 2017	Development direction in 2018
<b>Environment</b>			
7. Businesses should support a precautionary approach to environmental challenges.	Develop of alternative and new energy products.	Comprehensive energy consumption of electricity, water and natural gas of the plant decreased by 19% compared to the previous year (in terms of the percentage of annual turnover).	Continue to promote and improve energy conservation management.
8. Undertake initiatives to promote greater environmental responsibility.	Continue to tap the potential consumption, reduce comprehensive energy consumption of the plant by more than 5%.		
9. Encourage the development and diffusion of environmentally friendly technologies.	Upgrade the office automatic system, realize the paperless office.	Continuously promote e-flows of business applications.	



## ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT (Continued)

10 principles of "Global Compact"	Commitments for actions	Evaluation of discharging the responsibilities in 2017	Development direction in 2018
<b>Anti-corruption</b>			
10. Businesses should work against corruption in all its forms, including extortion and bribery.	Continuously train and promote the new edition of <i>Wasion Values and Code of Conduct Manual</i> and ten prohibitions of commercial activities of Wasion.	Organize training from time to time and facilitate Wasion Values in each working process.	To continuously implement corporate culture advocacy project.
	Enhance prevention and supervision of the Risk Control Center, accept corruption reports, and carry out anti-corruption investigation.	The Group had not found any case of violations relating to laws and regulations for bribery and corruption.	To carry out publicity for relevant laws and regulations, and maintain and strengthen the supervising efforts.
	Promote transparent operation, strengthen the governance by laws, improve the internal control system, undertake initiatives to accept the supervision of the community, and prevent the risk of corruption.	There was no prosecuted or concluded corruption case against the Group or its employee.	



# BIOGRAPHICAL DETAILS OF DIRECTORS AND SENIOR MANAGEMENT

## EXECUTIVE DIRECTORS

**Mr. Ji Wei (吉為)**, aged 61, is an executive Director, the chairman of the Company and the founder of the Group. Mr. Ji is responsible for the Group's overall strategic planning and the formulation of corporate policies. Prior to founding the Group in 2000, Mr. Ji was a business manager of Hunan Province Minerals Import and Export Company (湖南省五金礦產進出口公司) between 1980 and 1985 and the import and export manager of Hunan International Economic Development (Group) Company (湖南省國際經濟開發(集團)公司) between 1985 and 1989. Mr. Ji is also a director of Hunan Classic Investment Co., Ltd. (湖南經典投資有限公司). Mr. Ji was appointed as an executive Director of the Company with effect from 20 July 2004. Mr. Ji was consecutively appointed as a member of the 10th, 11th, and 12th Chinese People's Political Consultative Conference of Hunan Province from 2007 to date. He was awarded with several honorary titles such as "Most Socially Responsible Entrepreneur", "Most Caring Entrepreneur on Staff Development", "Excellent Entrepreneur of Changsha Hi-Tech Zone", "The Sixth Top Ten Educational Entrepreneur Award in China" and "Special Recognition Award for Occupational Technology Creation in Hunan Province".

**Ms. Cao Zhao Hui (曹朝輝)**, aged 50, is an executive Director and the chief executive officer. Ms. Cao graduated from Hunan Commerce College with a bachelor degree in Economics. She also obtained a degree in executive master of business administration (EMBA) from the University of Hunan (湖南大學). Ms. Cao joined the Group in 2000 and was appointed as an executive Director of the Company with effect from 3 March 2005.

**Mr. Zeng Xin (曾辛)**, aged 47, is an executive Director and General Manager of Wasion Electric Limited. Mr. Zeng graduated from the National University of Defense Technology with a bachelor's degree in system engineering in 1992. During 1992 to 1993, he studied in the Qinghua University for a postgraduate degree programme. In 1995, Mr. Zeng obtained a master degree in engineering from the China Academy of Space Technology (中國空間技術研究院). In 2012, he graduated from the Advanced Management in the Energy Sector of Cheung Kong Graduate School of Business. He participated in several research projects in the China Academy of Space Technology (中國空間技術研究院) during his studies and after graduation. Mr. Zeng was a general manager for domestic sales of Wasion Group Limited, a general manager of Weisheng Energy Industrial Technology Co., Ltd., and vice president of the Group since 2006. Mr. Zeng joined the Group in July 2004 and was appointed as an executive Director of the Company with effect from 1 September 2005.

**Ms. Zheng Xiao Ping (鄭小平)**, aged 54, is an executive Director and the President. Ms. Zheng graduated from the Taiyuan University of Technology with a bachelor's degree in industrial automation in 1984. She obtained a master degree of engineering in automation from the North China Institute of Technology in 1987 and holds the qualification of Senior Engineer. Between 1987 and 1988, Ms. Zheng was a teaching assistant at the North China Institute of Technology. She lectured at the Taiyuan University of Technology between 1988 and 1993 and was appointed as the research director of Hunan Weisheng Electronics Co., Ltd. (湖南威勝電子有限公司) from 1993 to 2000 being responsible for the research and development work. She joined the Group in 2000 and was responsible for the research and development work of the Group. Ms. Zheng was appointed as a director of Changsha Weisheng Electronics Co., Ltd. (長沙威勝電子有限公司) in March 2004 and an executive Director of the Company with effect from 1 September 2005. Ms. Zheng was also awarded with various honorary titles such as "The Seventh Group of Outstanding Experts in Changsha", "Top Ten Women Entrepreneurs with Outstanding Achievement in Changsha City", "Awarded Women with Contribution and Improvement in Changsha Hi-Tech Zone", "National Labour Day Medal" and "National Top Ten Technological Worker in Electronic Devices and Meters Industry".

## BIOGRAPHICAL DETAILS OF DIRECTORS AND SENIOR MANAGEMENT (Continued)

**Mr. Tian Zhongping (田仲平)**, aged 37, is an executive Director as well as the Vice President and General Manager of the Overseas Sales Department of the Group. Mr. Tian graduated from Xiangtan University (湘潭大學) with a bachelor degree in Engineering in 2002, and obtained a master degree in Control Engineering from Zhongnan University (中南大學) in 2008. Mr. Tian joined the Group in 2002 after graduation and had held positions as Development Engineer for firmware, Project Manager, Product Development Manager, Deputy Chief Engineer and General Manager of the Overseas Sales Department of the Group. During the period when he was a Development Engineer of the Group, Mr. Tian has obtained more than ten patents for products and technology. Mr. Tian was appointed as an executive Director of the Company on 26 January 2017. Mr. Tian was awarded with an honorary title of Excellent Entrepreneur of Changsha Hi-Tech Zone in 2017.

### NON-EXECUTIVE DIRECTOR

**Mr. Kat Chit (吉喆)**, aged 34, is a non-executive Director. Mr. Kat graduated from the University of British Columbia of Canada with a bachelor degree in economics in 2007. From 2007 to 2011, he was an executive of the equity capital markets division of Macquarie Group Limited and was a director and the general manager of Guangdong Ruiding Power Technology Company Limited (廣東銳頂電力技術有限公司) since November 2014. Mr. Kat was appointed as a non-executive Director of the Company on 12 August 2014. Mr. Kat is the son of Mr. Ji Wei, the chairman, executive Director and controlling shareholder of the Company.

### INDEPENDENT NON-EXECUTIVE DIRECTORS

**Mr. Huang Jing (黃靖)**, aged 61, is an independent non-executive Director. Mr. Huang graduated from Sichuan University with a bachelor degree in English. He obtained his master degree in history from Shanghai Fudan University, and his doctor of philosophy degree in political science from Harvard University. Mr. Huang is currently a Richard Von Weizsäcker fellow from the Robert Bosch Stiftung. Mr. Huang had been a Lee Foundation chair professor of US-China Relations and director of Centre on Asia and Globalisation at the Lee Kuan Yew School of Public Policy, National University of Singapore. Prior to joining the Lee Kuan Yew School of Public Policy, Mr. Huang had taught at Harvard University, University of Utah and Stanford University. Mr. Huang had also been a senior research analyst at the Brookings Institution. Mr. Huang is a senior overseas economic analyst for China's Xinhua News Agency, an advisory member of European-House Ambrosetti Foundation in Italy, a member of the Academic Board of Stars Foundation in Switzerland, a member of the Academic Board of the Center on China and Globalization, and a member of the Global Agenda Council at the World Economic Forum. Mr. Huang was appointed as an independent non-executive Director of the Company on 18 October 2016.

## BIOGRAPHICAL DETAILS OF DIRECTORS AND SENIOR MANAGEMENT (Continued)

**Mr. Luan Wenpeng (樂文鵬)**, aged 53, was an independent non-executive Director with doctor's degree in electrical engineering. Mr. Luan is a PEng in British Columbia, Canada, a senior member of IEEE and a member of CIGRE. He has been engaged in the works as well as the research of systematic planning of the electrical power system, smart power grids, smart metering infrastructure, distribution automation, data analysis, distributed energy resources integration, asset management etc. for more than 16 years. As a distinguished expert of state level for the central government's "1000 PLAN", Mr. Luan is currently a chief expert in smart metering of the China Electric Power Research Institute, general secretary of the Technical Board of IEC distributed electric power system (SC8B), the chairman of the IEEE working group for microgrids planning and design (IEEE 2030.9 WG). Mr. Luan was appointed as an independent non-executive Director of the Company on 16 May 2016.

**Mr. Cheng Shi Jie (程時杰)**, aged 72, is an independent non-executive Director. Mr. Cheng graduated from the Xi'an Jiaotong University with a bachelor degree in electronic engineering in 1967, the Huazhong University of Science and Technology with a master degree in electrical engineering in 1981 and the University of Calgary, Canada with a doctoral degree in philosophy in 1986, respectively. He has been a professor in the Huazhong University of Science and Technology since 1991 and a visiting professor in the Nanyang Technological University in 1995 and 1996. Mr. Cheng was granted the qualification of doctoral tutor by the Academic Degrees Committee of the State Council in 1993 and was elected as an academican of the Chinese Academy of Sciences and a fellow of the Institute of Electrical and Electronics Engineers (美國電子電氣工程師協會) in 2007 and 2010 respectively. Mr. Cheng was appointed as an independent non-executive Director of the Company on 12 August 2014.

**Mr. Hui Wing Kuen (許永權)**, aged 69, is an independent non-executive Director and an Australian by nationality. Mr. Hui has extensive financial and taxation experience in Hong Kong and Australia. He is a member of the Hong Kong Institute of Certified Public Accountants, the Hong Kong Institute of Chartered Secretaries and CPA Australia. He obtained his Master of Business Administration degree from the University of South Australia. Mr. Hui was previously an independent non-executive Director of the Company from September 2005 to May 2014. Mr. Hui was appointed as an independent non-executive Director of the Company on 15 May 2015.

### SENIOR MANAGEMENT OF THE GROUP

**Mr. Choi Wai Lung Edward (蔡偉龍)**, aged 49, is the chief financial officer and company secretary of the Company. Mr. Choi is a fellow member of the Hong Kong Institute of Certified Public Accountants and the Association of Chartered Certified Accountants with over 27 years of experience in accounting, auditing and finance.

# DIRECTORS' REPORT

The directors present their annual report and the audited consolidated financial statements of the Group for the year ended 31 December 2017.

## PRINCIPAL ACTIVITIES

The Company is an investment holding company. The activities of its principal subsidiaries and an associate are set out in notes 38 and 17 to the consolidated financial statements, respectively.

## BUSINESS REVIEW

Further discussion and analysis of these activities as required by Schedule 5 to the Companies Ordinance, including a discussion of the principal risks and uncertainties facing the Group and an indication of likely future developments in the Group's business, can be found in the "Management Discussion and Analysis" section set out on pages 14 to 25 of this Annual Report. This discussion forms part of this Directors' Report.

## DIVIDENDS

The results of the Group for the year ended 31 December 2017 and the Group's financial position at that day are set out in the consolidated financial statements on pages 93 to 95 of the annual report. No interim dividend was paid to the shareholders during the year.

The directors have proposed a final dividend of HK\$0.24 (2016: HK\$0.24) per share to shareholders of the Company whose names appear in the register of members on 6 June 2018 and a resolution to this effect will be proposed and subject to the shareholders' approval in the forthcoming annual general meeting. The final dividend is expected to be paid on or before 15 June 2018.

## SHARE CAPITAL

Details of movements during the year in the share capital of the Company are set out in note 26 to the consolidated financial statements.

## DISTRIBUTABLE RESERVES OF THE COMPANY

The Company's reserves available for distribution to shareholders as at 31 December 2017 comprised the share premium, merger reserve and retained profits of RMB1,745,159,000 (2016: RMB2,084,476,000) in aggregate.



## DIRECTORS' REPORT (Continued)

### DIRECTORS

The directors of the Company during the year and up to the date of this report were:

#### Executive directors:

Ji Wei (*Chairman*)

Cao Zhao Hui (*Chief Executive Officer*)

Zeng Xin

Zheng Xiao Ping

Tian Zhongping (appointed on 26 January 2017)

Wang Xue Xin (resigned on 26 January 2017)

Li Hong (resigned on 26 January 2017)

#### Non-executive director:

Kat Chit

#### Independent non-executive directors:

Hui Wing Kuen

Huang Jing

Luan Wenpeng

Cheng Shi Jie

Pursuant to Article 87 of the Articles of Association of the Company (the "Articles"), at each annual general meeting of the Company ("Annual General Meeting"), one third of the directors for the time being or, if their number is not three or a multiple of three, then the number nearest to one-third, shall retire from office by rotation provided that every director shall be subject to retirement at least once every three years. The directors to retire in every year shall be those who have been longest in office since their last election but as between persons who became directors on the same day those to retire shall (unless they otherwise agree between themselves) be determined by lot. The retiring directors shall be eligible for re-election. Pursuant to Article 87 of the Articles, Ms. Cao Zhao Hui, Ms. Zheng Xiao Ping, Mr. Hui Wing Kuen and Mr. Luan Wenpeng will retire at the Annual General Meeting, and being eligible, have offered themselves for election at the Annual General Meeting.

### DIRECTORS' SERVICE CONTRACTS

Each of the executive directors and non-executive directors (including independent non-executive directors) entered into service agreements with the Company for a term of three years and one year respectively and either the Company or the executive director non-executive director (including independent non-executive directors) may terminate the appointment by giving the other a prior notice of three months in writing before its expiration.

Other than as disclosed above, none of the directors being proposed for re-election at the forthcoming annual general meeting has a service agreement with the Company which is not determinable by the Company within one year without payment of compensation, other than statutory compensation.

## DIRECTORS' REPORT (Continued)

### DIRECTORS' INTERESTS IN SHARES AND UNDERLYING SHARES

At 31 December 2017, the interests of the directors and their associates in the shares and underlying shares of the Company and its associated corporations, as recorded in the register maintained by the Company pursuant to Section 352 of the Securities and Futures Ordinance ("SFO"), or as otherwise notified to the Company and The Stock Exchange of Hong Kong Limited (the "Stock Exchange") pursuant to the Model Code for Securities Transactions by Directors of Listed Issuers, were as follows:

#### Long positions

##### Ordinary shares of HK\$0.01 each of the Company

Name of director	Capacity	Number of issued ordinary shares held	Percentage of the issued share capital of the Company
Ji Wei	Interest of controlled corporation (Note 1)	528,686,888	52.62%
Zheng Xiao Ping	Beneficial owner (Note 2)	3,682,000	0.37%
Cao Zhao Hui	Beneficial owner	2,000,000	0.20%
Zeng Xin	Beneficial owner	2,000,000	0.20%
Hui Wing Kuen	Beneficial owner	440,000	0.04%

Notes:

- (1) The shares are held by Star Treasure Investments Holdings Limited ("Star Treasure"), a company incorporated in the British Virgin Islands, the entire issued share capital of which is beneficially owned by Mr. Ji Wei.
- (2) 1,990,000 shares and 1,692,000 shares are held by Ms. Zheng Xiao Ping and Mr. Wang Xue Xin respectively. Mr. Wang Xue Xin is the spouse of Ms. Zheng Xiao Ping.

Other than as disclosed above, none of the directors, chief executives nor their associates had any interest or short positions in any shares or underlying shares of the Company or any of its associated corporations, as recorded in the register required to be kept under section 352 of the SFO or otherwise notified to the Company pursuant to the Model Code for Securities Transactions by Directors of Listed Companies as at 31 December 2017.

## DIRECTORS' REPORT (Continued)

### SUBSTANTIAL SHAREHOLDERS

As at 31 December 2017, the register of substantial shareholders maintained by the Company pursuant to Section 336 of the SFO shows that other than the interests disclosed in the section headed "Directors' interests in shares and underlying shares" above, the following shareholders had notified the Company of relevant interests in the issued share capital of the Company.

#### Long positions – Ordinary shares of HK\$0.01 each of the Company

Name of shareholder	Capacity	Number of issued ordinary shares held	Percentage of the issued capital of the Company
Ji Wei	Interest in controlled corporation	528,686,888	52.62%
Star Treasure	Beneficial owner	528,686,888	52.62%
Edgbaston Asian Equity Trust	Beneficial owner	50,884,000	5.06%
Edgbaston Investment Partners LLP	Investment manager	63,808,000	6.35%

Other than as disclosed above, the Company has not been notified of any other relevant interests or short positions in the issued share capital of the Company as at 31 December 2017.

### RELATED PARTY TRANSACTIONS

Related party transactions entered into for the year are set out in note 30 to the consolidated financial statements.

### CONNECTED TRANSACTIONS

Pursuant to Rule 14A.56 of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited ("Listing Rules"), the Directors engaged the auditor of the Company to report on the continuing connected transactions of the Group in accordance with Hong Kong Standard on Assurance Engagements 3000 "Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" and with reference to Practice Note 740 "Auditor's Letter on Continuing Connected Transactions under the Hong Kong Listing Rules" issued by the Hong Kong Institute of Certified Public Accountants. The auditor has issued his unqualified letter containing his findings and conclusions in respect of the continuing connected transactions in accordance with Rule 14A.56 of the Listing Rules. A copy of the auditor's letter has been provided by the Company to the Stock Exchange. The independent non-executive directors have reviewed the continuing connected transactions and the report of the auditor and have confirmed that the transactions have been entered into by the Company in the ordinary course of its business, on normal commercial terms, and in accordance with the terms of the agreement governing such transactions that are fair and reasonable and in the interests of the shareholders of the Company as a whole.

## DIRECTORS' REPORT (Continued)

Details of the continuing connected transactions for the year are set out as below:

<b>Name of party</b>	<b>Nature of transactions</b>	<b>2017</b> RMB'000
Zhuhai Zhonghui Microelectronics Co. Ltd and its subsidiaries	Raw materials purchased by the Group	45,711

Save as disclosed therein, there were no other connected transactions and continuing connected transactions, other than those which are exempt from the reporting, announcement and independent shareholders' approval requirements, which need to be disclosed as connected transactions and continuing connected transactions in accordance with the requirements of Appendix 16 to the Listing Rules.

### ARRANGEMENT TO PURCHASE SHARES OR DEBENTURES

Save as disclosed under the section headed "Share options", at no time during the year was the Company, its holding company, or any of its subsidiaries, a party to any arrangements to enable the directors of the Company to acquire benefits by means of acquisition of shares in, or debentures of, the Company or any other body corporate.

### DIRECTORS' INTERESTS IN TRANSACTIONS, ARRANGEMENTS AND CONTRACTS OF SIGNIFICANCE

No transactions, arrangements and contract of significance, to which the Company, its holding company or any of its subsidiaries was a party and in which a director or a connected entity of a director of the Company had a material interest, whether directly or indirectly, subsisted at the end of the year or at any time during the year.



## DIRECTORS' REPORT (Continued)

### SHARE OPTIONS

Particulars of the Company's share option scheme are set out in note 31 to the consolidated financial statements.

The following table disclosed movements in the Company's share options during the year:

Name and category of participation	Number of share options			Date of grant of share options	Vesting period of share options	Exercise period of share options	Exercise price of share options* HK\$	Share price of the Company as at the date of grant of share options** HK\$
	As at 1 January 2017	Exercised during the year	As at 31 December 2017					
Other employees	9,000,000	—	9,000,000	10 February 2014	10 February 2014 to 9 February 2016	10 February 2016 to 9 February 2024	4.680	4.680
Other employees	9,000,000	—	9,000,000	10 February 2014	10 February 2014 to 9 February 2017	10 February 2017 to 9 February 2024	4.680	4.680
Total	18,000,000	—	18,000,000					

\* The exercise price of share options is subject to adjustment made in respect of the alteration in capital structure of the Company.

\*\* The share price of the Company as at the date of the grant of share options was the closing price as quoted on the Stock Exchange of the trading day on the date of the grant of share options.

Save as disclosed above, at no time during the year was the Company or any of its subsidiaries a party to any arrangement to enable the directors or chief executive of the Company to acquire benefits by means of acquisition of shares in or debentures of the Company or any other body corporate.

### APPOINTMENT OF INDEPENDENT NON-EXECUTIVE DIRECTORS

The Company has received from each of the independent non-executive directors an annual confirmation of his independence pursuant to Rule 3.13 of the Listing Rules. The Company considers that all of the independent non-executive directors are independent.

### CORPORATE GOVERNANCE

The Company is committed to maintain the high standard of corporate governance practices. Information on the corporate governance practices adopted by the Company is set out in the Corporate Governance Report on pages 68 to 87 of the annual report.

## DIRECTORS' REPORT (Continued)

### PURCHASE, SALE OR REDEMPTION OF THE COMPANY'S LISTED SECURITIES

During the year, the Company repurchased certain of its own shares through The Stock Exchange of Hong Kong Limited, details of which are set out in note 26 to the consolidated financial statements. The directors considered that, as the Company's shares were trading at a discount to the net asset value per share, the repurchases would increase the net asset value per share of the Company.

### PRE-EMPTIVE RIGHTS

There are no provisions for pre-emptive rights under the Company's Articles of Association, or the laws of the Cayman Islands, which would oblige the Company to offer new shares on a pro-rata basis to existing shareholders.

### MAJOR CUSTOMERS AND SUPPLIERS

During the year, the aggregate sales attributable to the Group's five largest customers and the aggregate purchases attributable to the Group's five largest suppliers accounted for less than 30% of the Group's total sales and total purchases of the Group respectively.

None of the directors, their associates or any shareholders of the Company which, to the knowledge of the directors, owned more than 5% of the Company's issued share capital, had any interest in any of the five largest customers or suppliers of the Group.

### SUFFICIENCY OF PUBLIC FLOAT

Based on the information that is publicly available to the Company and within the knowledge of the directors of the Company, there was a sufficient prescribed public float of the issued shares of the Company under the Listing Rules throughout the year ended 31 December 2017.

### FIVE YEAR FINANCIAL SUMMARY

A summary of the results and the assets and liabilities of the Group for the past five financial years is set out on page 184 of the annual report.

### AUDIT COMMITTEE

The audit committee has reviewed the consolidated financial statements of the Group for the year ended 31 December 2017.

## DIRECTORS' REPORT (Continued)

### AUDITOR

A resolution will be submitted to the forthcoming annual general meeting to re-appoint Messers. Deloitte Touche Tohmatsu as auditor of the Company.

On behalf of the Board

**Ji Wei**

*CHAIRMAN*

Hong Kong

28 March 2018

# CORPORATE GOVERNANCE REPORT

The Company recognises the importance of good corporate governance to the Company's healthy growth and has devoted considerable efforts to identifying and formulating corporate governance practices appropriate to the needs of its business.

The Company's corporate governance practices are based on the principles of the code provisions as set out in the Corporate Governance Code contained in Appendix 14 of the Listing Rules ("Corporate Governance Code").

During the year ended 31 December 2017, the Company has applied the principles of and has complied with all code provisions of the Corporate Governance Code.

Code Provision A.6.7 of the Corporate Governance Code provides that independent non-executive directors and non-executive directors of the Company should attend general meetings of the Company. Mr. Huang Jing, Mr. Luan Wenpeng and Mr. Cheng Shi Jie, being independent non-executive directors of the Company, failed to attend the annual general meeting of the Company ("2017 AGM") held on 18 May 2017 due to conflicts with their schedules.

Save as disclosed, there has been no deviation from the code provisions of the Corporate Governance Code for the year ended 31 December 2017.

The Company regularly reviews its organisational structure to ensure that operations are conducted in accordance with the standards of the Corporate Governance Code.

## MODEL CODE FOR SECURITIES TRANSACTIONS

The Company has adopted the Model Code for Securities Transactions by Directors of Listed Issuers (the "Model Code") as set out in Appendix 10 to the Listing Rules.

Specific enquiry has been made of all the directors of the Company (the "Directors") and the Directors have confirmed that they have complied with the Model Code throughout the year ended 31 December 2017.

The Company has also established written guidelines on terms no less exacting than the Model Code (the "Employees Written Guidelines") for securities transactions by employees who are likely to be in possession of unpublished inside information of the Company.

No incident of non-compliance of the Employees Written Guidelines by the employees was noted by the Company.

## CORPORATE GOVERNANCE REPORT (Continued)

### BOARD OF DIRECTORS

#### Responsibilities

The overall management of the Company's business is vested with the board of Directors of the Company (the "Board"), which assumes the responsibility for leadership and control of the Company and is collectively responsible for promoting the success of the Company by directing and supervising its affairs.

The Board makes decisions on all major matters of the Company, including: the approval and monitoring of all policy matters, overall strategies and budgets, internal control and risk management systems, material transactions (in particular those may involve conflict of interests), financial information, appointment of Directors and other significant financial and operational matters.

All Directors have full and timely access to all relevant information as well as the advice and services of the company secretary of the Company (the "Company Secretary"), with a view to ensuring that Board procedures and all applicable rules and regulations are followed.

Each Director is normally able to seek independent professional advice in appropriate circumstances at the Company's expenses, upon making request to the Board.

The day-to-day management, administration and operation of the Company are delegated to the chief executive officer of the Company (the "Chief Executive Officer") and the senior management. The delegated functions and work tasks are periodically reviewed. Approval has to be obtained from the Board prior to any significant transactions entered into by the abovementioned officers.

The Board has the full support of the Chief Executive Officer and the senior management to discharge its responsibilities.

#### Board Composition

The composition of the Board ensures a balance of skills and experience necessary for its independent judgement and fulfilling its business needs.

The Board currently comprises ten members, consisting of five executive Directors, one non-executive Director and four independent non-executive Directors. Their biographical details are set out on pages 57 to 59 of this annual report.



## CORPORATE GOVERNANCE REPORT (Continued)

The Board comprises the following Directors:

### Executive Directors:

Mr. Ji Wei, chairman of the Board and the nomination committee of the Company (the “Nomination Committee”), and member of the remuneration committee of the Company (the “Remuneration Committee”)

Ms. Cao Zhao Hui, Chief Executive Officer

Mr. Zeng Xin, member of the internal control and risk management committee of the Company (the “Internal Control and Risk Management Committee”)

Ms. Zheng Xiao Ping\*

Mr. Wang Xue Xin\* (resigned on 26 January 2017)

Ms. Li Hong, member of the Internal Control and Risk Management Committee (resigned on 26 January 2017)

Mr. Tian Zhongping (appointed on 26 January 2017)

### Non-executive Director:

Mr. Kat Chit, member of the Internal Control and Risk Management Committee\*\*

### Independent Non-executive Directors:

Mr. Hui Wing Kuen, chairman of the audit committee of the Company (the “Audit Committee”), the Remuneration Committee and the Internal Control and Risk Management Committee, and member of the Nomination Committee

Mr. Huang Jing, member of the Audit Committee, the Remuneration Committee, the Nomination Committee and the Internal Control and Risk Management Committee

Mr. Luan Wenpeng, member of the Audit Committee and the Internal Control and Risk Management Committee

Mr. Cheng Shi Jie, member of the Audit Committee and the Internal Control and Risk Management Committee

The list of Directors (by category) is also disclosed in all corporate communications issued by the Company pursuant to the Listing Rules from time to time.

During the year under review, the Board at all times met the requirements of Rule 3.10(1) and (2), and 3.10A of the Listing Rules relating to the appointment of at least three independent non-executive Directors with at least one independent non-executive director possessing appropriate professional qualifications, or accounting or related financial management expertise.

\* Ms. Zheng Xiao Ping is the spouse of Mr. Wang Xue Xin

\*\* Mr. Kat Chit is the son of Mr. Ji Wei

## CORPORATE GOVERNANCE REPORT (Continued)

The Company has received written annual confirmation from each independent non-executive Director of his independence pursuant to the requirements of the Listing Rules. The Company considers all independent non-executive Directors to be independent in accordance with the independence guidelines set out in the Listing Rules.

The independent non-executive Directors bring a wide range of technical, business and financial expertise, experiences and independent judgement to the Board. Through their active participation in Board meetings, taking the lead in managing issues involving potential conflict of interests and serving on Board committees, all independent non-executive Directors make various contributions to the effective direction of the Company.

The Company is of a view that Board diversity is an essential element to achieve sustainable and balanced development. Board diversity has been considered and practiced by the Company with reference to a number of factors, including but not limited to gender, age, cultural and educational background, professional experience and other qualities of directors. The Company has adopted a policy on Board diversity (the "Board Diversity Policy") setting out the approach to achieve diversity in the Board. The existing Board is considered well-balanced with a diverse mix appropriate for the business of the Company. The Nomination Committee will review the Board Diversity Policy on a regular basis to determine an appropriate composition of the Board.

### Appointment and Succession Planning of Directors

The Company has established formal, considered and transparent procedures for the appointment and succession planning of directors.

Each of the executive Directors is engaged in a service contract for a term of three years. The appointment may be terminated by not less than three months' written notice. All the non-executive Director and independent non-executive Directors are appointed for a specific term. The terms of their appointments are as follows:

Mr. Kat Chit	:	up to the 2018 annual general meeting
Mr. Hui Wing Kuen	:	up to the 2018 annual general meeting
Mr. Huang Jing	:	up to the 2018 annual general meeting
Mr. Luan Wenpeng	:	up to the 2018 annual general meeting
Mr. Cheng Shi Jie	:	up to the 2018 annual general meeting

Pursuant to the Articles, all Directors are subject to retirement by rotation once every three years and any new Director appointed to fill a causal vacancy or as an addition to the Board shall submit himself/herself for re-election by shareholders at the next following general meeting and the next following annual general meeting respectively.

### Training for Directors

According to Code Provision A.6.5 of the Corporate Governance Code, all Directors should participate in continuous professional development to develop and refresh their knowledge and skills. This is to ensure that their contribution to the Board remains informed and relevant. The Company should be responsible for arranging and funding suitable training, placing an appropriate emphasis on the roles, functions and duties of the Directors.

## CORPORATE GOVERNANCE REPORT (Continued)

The Company encourages the Directors to attend any relevant programme to further enhance their knowledge to enable them to discharge their duties and responsibilities more effectively. There are also arrangements in place for providing continue briefing and professional development to Directors whenever necessary such as continuously update the Directors on the latest developments of the Listing Rules and other applicable regulatory requirements, to ensure compliance and enhance their awareness of good corporate governance practices.

Each newly appointed Director receives comprehensive, formal and tailored induction on the first occasion of his/her appointment, so as to ensure that he/she has appropriate understanding of the business and operations of the Company and that he/she is fully aware of his/her responsibilities and obligations under the Listing Rules and relevant regulatory requirements.

During the year ended 31 December 2017, the training participated by each Director is set out below:

<b>Directors</b>	<b>Training received</b>
<i>Executive Directors:</i>	
Mr. Ji Wei	A, C, D
Ms. Cao Zhao Hui	A, C, D
Mr. Zeng Xin	A, C, D
Ms. Zheng Xiao Ping	A, C, D
Mr. Wang Xue Xin*	A, C, D
Ms. Li Hong*	A, C, D
Mr. Tian Zhongping**	A, C, D
<i>Non-executive Director:</i>	
Mr. Kat Chit	A, C, D
<i>Independent Non-executive Directors:</i>	
Mr. Hui Wing Kuen	A, D
Mr. Huang Jing	A, B, D
Mr. Luan Wenpeng	A, B, D
Mr. Cheng Shi Jie	A, B, D

A: attending conferences, seminars and forums

B: giving talks at conferences, seminars and forums

C: participation in in-house seminars

D: private study of materials relevant to the Company's business or director's duties and responsibilities

\*: resigned on 26 January 2017

\*\* : appointed on 26 January 2017

## CORPORATE GOVERNANCE REPORT (Continued)

### Board Meetings

#### Number of Meetings and Directors' Attendance

In 2017, the Company has held eleven board meetings. The Company will endeavour to hold at least four regular board meetings a year.

The attendance of the Directors at board meetings held during the year is set out below:

<b>Directors</b>	<b>Attendance/ Number of Meetings</b>
<i>Executive Directors:</i>	
Mr. Ji Wei (Chairman)	11/11
Ms. Cao Zhao Hui	11/11
Mr. Zeng Xin	9/11
Ms. Zheng Xiao Ping	8/11
Mr. Wang Xue Xin*	1/1
Ms. Li Hong*	1/1
Mr. Tian Zhongping**	8/10
<i>Non-executive Director:</i>	
Mr. Kat Chit	9/11
<i>Independent Non-executive Directors:</i>	
Mr. Hui Wing Kuen	9/11
Mr. Huang Jing	9/11
Mr. Luan Wenpeng	9/11
Mr. Cheng Shi Jie	9/11

\*: resigned on 26 January 2017

\*\* : appointed on 26 January 2017

## CORPORATE GOVERNANCE REPORT (Continued)

### Practices and Conduct of Board Meetings

Annual meeting schedules and draft agenda of each meeting are normally made available to Directors in advance.

Notices of regular Board meetings are served to all Directors at least 14 days before the meetings. For other Board and committee meetings, reasonable notice is generally given.

Agenda and Board papers together with all appropriate, complete and reliable information are sent to all Directors at least 3 days before each Board meeting or committee meeting to keep the Directors apprised of the latest developments and financial position of the Company and to enable them to make informed decisions. The Board and each Director also have separate and independent access to the senior management whenever necessary.

The Chief Executive Officer, chief financial officer of the Company (“Chief Financial Officer”) and Company Secretary attend all regular Board meetings and when necessary, other Board and committee meetings to advise on business developments, financial and accounting matters, statutory compliance, corporate governance and other major aspects of the Company.

Minutes of all Board meetings and committee meetings are kept by the Company Secretary. Draft minutes are normally circulated to Directors for comment within a reasonable time after each meeting and the final version is open for Directors’ inspection.

According to the current Board practice, any material transaction, which involves a conflict of interests for a substantial shareholder or a Director, will be considered and dealt with by the Board at a duly convened Board meeting. The Articles also contain provisions requiring Directors to abstain from voting and not to be counted in the quorum at meetings for approving transactions in which such Directors or any of their associates have a material interest.

### CHAIRMAN AND CHIEF EXECUTIVE OFFICER

The Company fully supports the division of responsibility between the chairman of the Board (the “Chairman”) and the Chief Executive Officer to ensure a balance of power and authority. So, the posts of the Chairman and Chief Executive Officer are held separately by Mr. Ji Wei and Ms. Cao Zhao Hui respectively. Their respective responsibilities are clearly defined and set out in writing.

The Chairman provides leadership and is responsible for the effective functioning of the Board in accordance with good corporate governance practices. With support of the senior management, the Chairman is also responsible for ensuring that the Directors receive adequate, complete and reliable information in a timely manner and appropriate briefing on issues arising at the Board meetings.

The Chief Executive Officer focuses on implementing objectives, policies and strategies approved and delegated by the Board. She is in charge of the Company’s day-to-day management and operations. The Chief Executive Officer is also responsible for developing strategic plans and formulating the organizational structure, control systems and internal procedures and processes for the Board’s approval.



## CORPORATE GOVERNANCE REPORT (Continued)

### BOARD COMMITTEES

The Board has established four committees, namely, the Nomination Committee, the Remuneration Committee, the Audit Committee, and the Internal Control and Risk Management Committee for overseeing particular aspects of the Company's affairs. All Committees of the Company are established with defined written terms of reference. The terms of reference have been posted on the websites of the Stock Exchange and the Company.

The majority of the members of each Committee are independent non-executive Directors and the list of the chairman and members of each Committee is set out under "Board Composition" of this report on pages 69 to 70.

The Committees are provided with sufficient resources to discharge their duties and, upon reasonable request, are able to seek independent professional advice in appropriate circumstances, at the Company's expenses.

### NOMINATION COMMITTEE

The duties of the Nomination Committee include the following:

- (a) to review the structure, size and composition of the Board (including the skills, knowledge and experience) at least annually and make recommendations on any proposed changes to the Board to complement the Company's corporate strategy;
- (b) to identify individuals suitably qualified to become Board members and select or make recommendations to the Board on the selection of, individuals nominated for directorships;
- (c) to make recommendations to the Board on the appointment or re-appointment of Directors and succession planning for Directors in particular the Chairman and the Chief Executive Officer;
- (d) to assess the independence of independent non-executive Directors;
- (e) to review the Board diversity Policy and any measurable objectives for implementing such Board Diversity Policy as may be adopted by the Board from time to time and to review the progress on achieving the objectives; and to make disclosure of its review results in the annual report of the Company annually; and
- (f) where the Board proposes a resolution to elect an individual as an independent non-executive Director at the general meeting, the Committee should set out in the circular to shareholders and/or explanatory statement accompanying the notice of the relevant general meeting why they believe the individual should be elected and the reasons why they consider the individual to be independent.

## CORPORATE GOVERNANCE REPORT (Continued)

The Nomination Committee carries out the process of selecting and recommending candidates for directorships by making reference to the skills, experience, professional knowledge, personal integrity and time commitments of such individuals, the Company's needs and other relevant statutory requirements and regulations. An external recruitment agency may be engaged to carry out the recruitment and selection process when necessary.

Four Nomination Committee meetings have been held during the year to review the structure, size and composition of the Board to ensure that it has a balance of expertise, skills and experience appropriate to the requirements of the business of the Company. During the year, the Nomination Committee has nominated Mr. Tian Zhongping as executive Director to fill up the vacancy generated by Mr. Wang Xue Xin and Ms. Li Hong who resigned as executive Directors on 26 January 2017.

The attendance of individual members at Nomination Committee meetings held during the year is set out below:

	<b>Attendance/ Number of Meetings</b>
Mr. Ji Wei ( <i>Chairman</i> )	4/4
Mr. Hui Wing Kuen	4/4
Mr. Huang Jing	4/4

In accordance with the Articles, Ms. Cao Zhao Hui, Ms. Zheng Xiao Ping, Mr. Hui Wing Kuen and Mr. Luan Wenpeng shall retire by rotation and being eligible, offer themselves for re-election at the next forthcoming annual general meeting.

The Nomination Committee recommended the re-appointment of the Directors standing for re-election at the next forthcoming annual general meeting of the Company.

### REMUNERATION COMMITTEE

The duties of the Remuneration Committee include the following:

- (a) to make recommendations to the Board on the Company's policy and structure for all Directors and senior management remuneration and on the establishment of a formal and transparent procedure for developing remuneration policy;
- (b) to review and approve the management's remuneration proposals with reference to corporate goals and objectives resolved by the Board from time to time;

## CORPORATE GOVERNANCE REPORT (Continued)

- (c) to determine the remuneration packages of individual executive Directors and senior management, including benefits in kind, pension rights and compensation payments, including any compensation payable for loss or termination of their office or appointment, and make recommendations to the Board on the remuneration of non-executive Directors. The Committee should consider salaries paid by comparable companies, time commitment and responsibilities, and employment conditions elsewhere in the Group. A significant proportion of executive Directors' remuneration should be structured so as to link rewards to corporate and individual performance;
- (d) to review and approve compensation payable to executive Directors and senior management for any loss or termination of office or appointment to ensure that it is consistent with contractual terms and is otherwise fair and not excessive;
- (e) to review and approve compensation arrangements relating to dismissal or removal of Directors for misconduct to ensure that they are consistent with contractual terms and are otherwise reasonable and appropriate;
- (f) to ensure that no Director or any of his associate is involved in deciding his own remuneration; and
- (g) to advise shareholders on how to vote with respect to any service contracts of Directors that require shareholders' approval under Rule 13.68 of the Listing Rules.

The Remuneration Committee normally meets quarterly of each year for reviewing the remuneration policy and structure and determination of the annual remuneration packages of the executive Directors and the senior management and other related matters. The human resources department is responsible for collection and administration of the human resources data and making recommendations to the Remuneration Committee for consideration. The Remuneration Committee shall consult the chairman about these recommendations on remuneration policy and structure and remuneration packages.

Three Remuneration Committee meetings have been held during the year to review the remuneration policy and structure of the Company and remuneration packages of the executive Directors and the senior management.

The attendance of individual members at Remuneration Committee meetings held during the year is set out below:

	<b>Attendance/ Number of Meetings</b>
Mr. Hui Wing Kuen ( <i>Chairman</i> )	3/3
Mr. Ji Wei	3/3
Mr. Huang Jing	3/3

## CORPORATE GOVERNANCE REPORT (Continued)

### AUDIT COMMITTEE

The Audit Committee comprises four independent non-executive Directors (including one independent non-executive Director who possesses the appropriate professional qualifications or accounting or related financial management expertise). None of the members of the Audit Committee is a former partner of the Company's existing external auditors.

The duties of the Audit Committee include the following:

- (a) to be primarily responsible for making recommendation to the Board on the appointment, reappointment and removal of external auditor, and to approve the remuneration and terms of engagement of the external auditor, and any questions of its resignation or dismissal;
- (b) to review and monitor the external auditor's independence and objectivity and the effectiveness of the audit process in accordance with applicable standard;
- (c) to discuss with the external auditor before the audit commences, the nature and scope of the audit and reporting obligations, and ensure co-ordination where more than one audit firm is involved;
- (d) to develop and implement policy on engaging an external auditor to supply non-audit services. The Audit Committee should report to the Board, identifying and making recommendations on any matters where action or improvement is needed;
- (e) to monitor the integrity of financial statements of the Company and the annual report and accounts, half-year report and, if prepared for publication, quarterly reports and to review significant financial judgements contained in them. In reviewing these reports before submission to the Board, the Audit Committee should focus particularly on:
  - (i) any changes in accounting policies and practices;
  - (ii) major judgmental areas;
  - (iii) significant adjustments resulting from the audit;
  - (iv) the going concern assumption;
  - (v) compliance with accounting standards; and
  - (vi) compliance with the Listing Rules and other legal requirements in relation to financial reporting.
- (f) to liaise with the Board, senior management and the Chief Financial Officer and to meet, at least twice a year, with the Company's auditors and to consider any significant or unusual items that are, or may need to be, reflected in such reports and accounts and must give due consideration to any matters that have been raised by the Chief Financial Officer, compliance officer or auditors;

## CORPORATE GOVERNANCE REPORT (Continued)

- (g) to review the Company's financial controls, internal control and risk management systems;
- (h) to discuss the internal control system with management to ensure that the management has performed its duty to have an effective internal control system. The discussion should include the adequacy of resources, staff qualifications and experience, training programmes and budget of the accounting and financial reporting function of the Company;
- (i) to consider major investigation findings on internal control matters as delegated by the Board or on its own initiative and management response, findings of internal investigations and management's response to these findings;
- (j) (where an internal audit function exists) to ensure co-ordination between the internal and external auditors, and ensure that the internal audit function is adequately resourced and has appropriate standing within the Company, and to review and monitor its effectiveness;
- (k) to review the Group's financial and accounting policies and practices;
- (l) to review the external auditor's management letter, any material queries raised by the auditor to management about accounting records, financial accounts or systems of control and management's response;
- (m) to ensure that the Board will provide a timely response to the issues raised in the external auditor's management letter;
- (n) to review arrangements which employees of the Company can use, in confidence, to raise concerns about possible improprieties in financial reporting, internal control or other matters. The Audit Committee should ensure that proper arrangements are in place for fair and independent investigation of these matters and for appropriate follow-up action;
- (o) to act as the key representative body for overseeing the Company's relations with the external auditor;
- (p) to report to the Board on the matters set out in the Corporate Governance Code;
- (q) to establish a whistle blowing policy and system for employees and those who deal with the Company (e.g. customers and suppliers) to raise concerns, in confidence, with the Audit Committee about possible improprieties in any matter related to the Company; and
- (r) to consider other topics, as defined by the Board.

The Audit Committee held three meetings during the year to review and discuss the financial results and reports, financial reporting and compliance procedures, internal control and risk management systems, and the re-appointment of the external auditors.



## CORPORATE GOVERNANCE REPORT (Continued)

The attendance of individual members at Audit Committee meetings held during the year is set out below:

	<b>Attendance/ Number of Meetings</b>
Mr. Hui Wing Kuen ( <i>Chairman</i> )	3/3
Mr. Huang Jing	3/3
Mr. Luan Wenpeng	3/3
Mr. Cheng Shi Jie	3/3

There is no material uncertainty relating to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern.

There is no disagreement between the Board and the Audit Committee regarding the selection, appointment, resignation or dismissal of external auditors.

The Company's annual results for the year ended 31 December 2017 have been reviewed by the Audit Committee.

### INTERNAL CONTROL AND RISK MANAGEMENT COMMITTEE

The duties of the Internal Control and Risk Management Committee include the following:

- (a) to consider the Group's internal control and risk management strategies, review and approve internal control and risk management policies and guidelines;
- (b) to assess the adequacy and effectiveness of the internal control and risk management systems established by the management of the Group and report any findings, including any deficiencies, failures or risks noted to the Board via the Audit Committee at least twice a year or as and when any material deficiency, failure or risk is noted. Particular attention should be paid to the compliance with the Listing Rules;
- (c) to decide on risk levels and related resource allocation, to approve major decisions affecting the Group's risk profile and exposure, and to oversee formal reviews of activities associated with the effectiveness of risk management processes;
- (d) to review the Group's procedures for detecting fraud and whistle blowing and ensure that arrangements are properly in place and a comprehensive system of control should be established to ensure such risks are mitigated;
- (e) to consider issues raised by external auditor, Audit Committee or any member of the Board who has lodged a request for a meeting;

## CORPORATE GOVERNANCE REPORT (Continued)

- (f) to provide the Board, as and when consider fit, its opinion relating to any matters concerning the internal control and risk management of the Group and to recommend any changes or improvements thereto to the Board, if necessary;
- (g) to invite any employee of the Group, through the Company Secretary, to attend its meeting as and when required;
- (h) to provide the Board, on a half-yearly basis, assessment reports on the Group's internal control and risk management systems; and
- (i) to be provided with sufficient resources enabling it to discharge its duties, including but not limited to obtaining advice and assistance from internal or external legal, accounting or other advisors at the expenses of the Company if necessary. The committee shall have access to such information, whether from sources within or outside the Group, as it deems necessary.

Three Internal Control and Risk Management Committee meetings have been held during the year to discuss the adequacy and effectiveness of the internal control and risk management systems established by the management of the Group and the findings of the internal control reviews performed by internal audit department of the Group.

The attendance of individual members of the Internal Control and Risk Management Committee meeting during the year is set out below:

	<b>Attendance/ Number of Meeting</b>
Mr. Hui Wing Kuen ( <i>Chairman</i> )	3/3
Mr. Huang Jing	3/3
Mr. Luan Wenpeng	3/3
Mr. Cheng Shi Jie	3/3
Mr. Zeng Xin	3/3
Mr. Kat Chit	3/3

### CORPORATE GOVERNANCE FUNCTION

The Board will be responsible for performing the following corporate governance duties:

- (a) to develop and review the Company's policies and practices on corporate governance and make recommendations to the Board;
- (b) to review and monitor the training and continuous professional development of Directors and senior management;
- (c) to review and monitor the Company's policies and practices on compliance with legal and regulatory requirements;

## CORPORATE GOVERNANCE REPORT (Continued)

- (d) to develop, review and monitor the code of conduct and compliance manual (if any) applicable to employees and Directors; and
- (e) to review the Company's compliance with the Corporate Governance Code and disclosure in the corporate governance report in the annual report of the Company.

The Board may delegate the corporate governance duties to a committee of the Board.

During the year ended 31 December 2017, the Board has reviewed the Company's corporate governance practices.

### AUDITORS' REMUNERATION

The statement of the external auditor of the Company about its reporting responsibilities on the financial statements is set out in the "Independent Auditor's Report" on pages 88 to 92 of this annual report.

The Company's external auditor is Deloitte Touche Tohmatsu. Total auditor's remuneration paid and payable by the Group for the year ended 31 December 2017 amounted to RMB3.43 million, which comprises RMB2.87 million for the audit of the Group's consolidated financial statements for the year ended 31 December 2017 and RMB0.56 million for the review of the Group's interim report for the six months ended 30 June 2017.

### RESPONSIBILITIES IN RESPECT OF THE FINANCIAL STATEMENTS

The Board is responsible for presenting a balanced, clear and understandable assessment of annual and interim reports, price-sensitive announcements and other disclosures required under the Listing Rules and other regulatory requirements.

The Directors acknowledge their responsibility for preparing the financial statements of the Company for the year ended 31 December 2017 on a going concern basis.

### RISK MANAGEMENT AND INTERNAL CONTROL

The Board acknowledges its overall responsibility to maintain appropriate and effective risk management and internal control systems in order to safeguard the Group's assets and shareholders' interests, as well as oversee and review the implementation and effectiveness of the systems.

The Group's risk management and internal control systems are featured with a defined management structure with reasonable delegated authority so as to identify and manage potential risks, to safeguard its assets against unauthorized use or disposition, to ensure reliability of financial reporting and compliance with relevant laws and regulations. The systems are designed to manage rather than eliminate the risk of failure to achieve the Group's business objectives, with main purpose of providing reasonable and not absolute assurance against material misstatement or loss.

## CORPORATE GOVERNANCE REPORT (Continued)

In order to assist the Board to discharge its duties, the Audit Committee is delegated with the authority and responsibility for reviewing and monitoring of the effectiveness of the risk management and internal control systems on a regular basis to ensure the systems in place are adequate. A sub-committee, the Internal Control and Risk Management Committee (“ICRM Committee”), was established and its main objective is to assist the Audit Committee to discharge its oversight responsibility over the risk management and internal control systems of the Group. The ICRM Committee works closely with the Risk Control Department which is supervised by the Audit Committee.

The Group has established an on-going process for identifying, evaluating and managing the significant risks associated with the achievement of its strategic objectives. Different business units are responsible for identifying, assessing and monitoring risks during their daily operations. Their risk responses including control measures implemented to mitigate risk identified will be reported to the Risk Control Department through regular internal meetings. Risk Control Department will prepare risk assessment reports on quarterly basis for the Board and the Audit Committee to discuss and evaluate the effectiveness of the risk management and internal control systems during Board meetings and Audit Committee meetings.

During the year ended 31 December 2017, the Audit Committee with the assistance of ICRM Committee, has conducted a review of the effectiveness of the Group’s risk management and internal control systems. The review covers major areas, including financial, operational and compliance controls, risk management functions, and the adequacy of resources, staff qualifications and experience, training programmes and budget of the Company’s accounting, internal audit and financial reporting functions. No significant areas of concern that may affect the Group to achieve its strategic goals have been identified and the Audit Committee accepts that the existing risk management and internal control systems have been functioning effectively to meet the respective financial reporting, operational and compliance needs.

The Company’s internal audit department is responsible for providing independent assurance that the Group’s risk management, governance and internal control procedures are operating effectively. During the year under review, the Group’s internal audit department conducted on-going reviews on the effectiveness of the internal control systems of the Group. The reviews covered major financial and operational controls. The reports of its findings have been submitted to the Audit Committee for review. No significant deficiency but areas for improvement was identified during the course of review and the systems have been operating effectively and adequately.

Based on the results of the review as reported by the Audit Committee, the Board is of the opinion that the risk management and internal control systems which address the Group’s financial, operational and compliance risks, are effective and adequate and the Group has duly complied with the provisions of the Corporate Governance Code regarding risk management and internal control during the year ended 31 December 2017.

The Board has established policy and internal control procedures for the handling and dissemination of insider information in compliance with the requirements under Part XIVA of the Securities and Future Ordinance and the Listing Rules to ensure that disclosures are made on a timely and accurate manner. Such policy has been communicated to all Directors and senior management of the Group. Every Director and senior management must take all reasonable measures from time to time to ensure that proper safeguards exist to prevent a breach of disclosure requirement. The Chief Financial Officer works closely with Directors and senior management in identifying potential inside information and assessing the materiality thereof, and if appropriate, will escalate to the attention of the Board to take appropriate action promptly to ensure compliance of the applicable laws and regulations.

## CORPORATE GOVERNANCE REPORT (Continued)

The Company has also taken all reasonable measures from time to time to ensure proper preservation of confidentiality of inside information until disclosure to general public, including restrictive access to inside information to a limited number of employees on a need-to-know basis, ensure the relevant employees who are in possession of inside information are fully conversant with their obligations to preserve confidentiality and ensure appropriate confidentiality agreements are in place when the Group enters into significant negotiations.

### COMPANY SECRETARY

During the year ended 31 December 2017, Mr. Choi Wai Lung Edward was the Company Secretary. Mr. Choi is a full-time employee of the Company, and has the day-to-day knowledge of the Company's affairs. His biographical details are set out in the "Biographical Details of Directors and Senior Management" section of this annual report. For the year ended 31 December 2017, Mr. Choi had complied with Rule 3.29 of the Listing Rules by taking no less than 15 hours of relevant professional training.

### SHAREHOLDERS' RIGHTS

#### **Rights and procedures for shareholders to convene an extraordinary general meeting ("EGM") (including putting forward proposals/moving a resolution at the EGM)**

Pursuant to Article 58 of the Articles, any one or more shareholders holding at the date of deposit of the requisition not less than one-tenth of the paid up capital of the Company carrying the right of voting at general meetings of the Company (the "Eligible Shareholder(s)") shall at all times have the right, by written requisition to the Board or the Company Secretary, to require an EGM to be called by the Board for the transaction of any business specified in such requisition, including making proposals or moving a resolution at the EGM.

Eligible Shareholder(s) who wish to convene an EGM for the purpose of making proposals or moving a resolution at the EGM must deposit a written requisition (the "Requisition") signed by the Eligible Shareholder(s) concerned to the principal place of business of the Company in Hong Kong at Unit 2605, 26/F West Tower, Shun Tak Centre, 168-200 Connaught Road Central, Sheung Wan, Hong Kong, for the attention of the Company Secretary.

The Requisition must state clearly the name of the Eligible Shareholder(s) concerned, his/her/their shareholdings in the Company, the reason(s) to convene an EGM, the agenda including the details of the business(es) proposed to be transacted in the EGM, signed by the Eligible Shareholder(s) concerned.

The Company will check the Requisition and the identity and the shareholdings of the Eligible Shareholder(s) will be verified with the Company's branch share registrar. If the Requisition is found to be proper and in order, the Company Secretary will ask the Board to convene an EGM within 2 months and/or include the proposal or the resolution proposed by the Eligible Shareholder(s) at the EGM after the deposit of the Requisition. On the contrary, if the Requisition has been verified as not in order, the Eligible Shareholder(s) concerned will be advised of this outcome and accordingly, the Board will not call for an EGM and/or include the proposal or the resolution proposed by the Eligible Shareholder(s) at the EGM.

## CORPORATE GOVERNANCE REPORT (Continued)

If within 21 days of the deposit of the Requisition the Board has not advised the Eligible Shareholder(s) of any outcome to the contrary and fails to proceed to convene such EGM, the Eligible Shareholder(s) himself/herself/themselves may do so in accordance with the Memorandum and Articles of Association of the Company, and all reasonable expenses incurred by the Eligible Shareholder(s) concerned as a result of the failure of the Board shall be reimbursed to the Eligible Shareholder(s) concerned by the Company.

### Procedures by which enquiries may be put to the Board

Shareholders of the Company (the “Shareholders”) may send their enquiries and concerns to the Board by addressing them to the principal place of business of the Company in Hong Kong at Unit 2605, 26/F West Tower, Shun Tak Centre, 168–200 Connaught Road Central, Sheung Wan, Hong Kong by post or email to [enquires@wasiongroup.com.hk](mailto:enquires@wasiongroup.com.hk) for the attention of the Company Secretary.

Upon receipt of the enquiries, the Company Secretary will forward:

- communications relating to matters within the Board’s purview to the executive Directors of the Company;
- communications relating to matters within a Board committee’s area of responsibility to the chairman of the appropriate committee; and
- communications relating to ordinary business matters, such as suggestions, inquiries and consumer complaints, to the appropriate management of the Company.

### Procedures for Shareholders to propose a person for election as a director

- If a Shareholder wishes to propose a person other than a director of the Company for election as a Director, the Shareholder must deposit a written notice (the “Notice”) to the principal place of business of the Company in Hong Kong at Unit 2605, 26/F West Tower, Shun Tak Centre, 168–200 Connaught Road Central, Sheung Wan, Hong Kong or the branch share registrar of the Company, Boardroom Share Registrars (HK) Ltd., at Room 2103B, 21/F, 148 Electric Road, North Point, Hong Kong for the attention of the Company Secretary.
- The Notice must state clearly the name of the Shareholder and his/her/their shareholdings, the full name of the person proposed for election as a Director, including the person’s biographical details as required by Rule 13.51(2) of the Listing Rules, and be signed by the Shareholder concerned (other than the person to be proposed). The Notice must also be accompanied by a letter of consent signed by the person proposed to be elected on his/her willingness to be elected as a Director.
- The period for lodgment of the Notice will commence no earlier than the day after the despatch of the notice by the Company of the general meeting appointed for election of directors of the Company and end no later than seven (7) days prior to the date of such general meeting. If the Notice is received less than 15 days prior to the general meeting, the Company will need to consider the adjournment of the general meeting in order to give shareholders 14 days’ notice of the proposal.
- The Notice will be verified with the Company’s branch share registrar and upon their confirmation that the request is proper and in order, the Company Secretary will ask the Nomination Committee and the Board to consider to include the resolution in the agenda for the general meeting proposing such person to be elected as a Director.



## CORPORATE GOVERNANCE REPORT (Continued)

### INVESTOR RELATIONS

The Board has established a shareholders' communication policy which aims to set out the provisions with the objective of ensuring the Shareholders are provided with equal and timely access to information about the Company, in order to enable the Shareholders to exercise their rights in an informed manner and to allow them to engage actively with the Company.

The Board will maintain an on-going dialogue with the Shareholders and will review this policy regularly to ensure its effectiveness. Information will be communicated to the Shareholders through the Company's financial reports, annual general meetings and other general meetings that may be convened, as well as all the disclosures submitted to the Stock Exchange. Effective and timely dissemination of information to the Shareholders will be ensured at all times.

A dedicated Investor Relations section is available on the Company's website [www.wasion.com](http://www.wasion.com). Information on the Company's website is updated on a regular basis. Information released by the Company to the Stock Exchange is also posted on the Company's website immediately thereafter. Such information includes financial statements, results announcements, circulars and notices of general meetings and associated explanatory documents, etc. All presentation materials provided in conjunction with the Company's annual general meeting and results announcement each year will be made available on the Company's website. All press releases and Shareholders' newsletters will also be made available on the Company's website.

Shareholders are encouraged to participate in general meetings or to appoint proxies to attend and vote at meetings for and on their behalf if they are unable to attend the meetings. Board members, in particular, the chairmen of the Board committees or their delegates, appropriate senior management and external auditors will attend annual general meetings to answer Shareholders' questions.

During the year ended 31 December 2017, the 2017 AGM was held on 18 May 2017. All the resolutions proposed at the 2017 AGM were duly passed by the Shareholders by way of poll and the results of the poll have been published on the websites of the Stock Exchange and the Company. Mr. Ji Wei, the chairman of the Board and Nomination Committee, chaired the 2017 AGM to answer Shareholders' questions. Mr. Huang Jing, an independent non-executive Director and member of Nomination Committee, Remuneration Committee, Audit Committee and Internal Control and Risk Management Committee, Mr. Luan Wenpeng, an independent non-executive Director and member of Audit Committee and Internal Control and Risk Management Committee and Mr. Cheng Shi Jie, an independent non-executive Director and member of Audit Committee and Internal Control and Risk Management Committee, failed to attend the 2017 AGM due to conflicts with their schedules. The external auditor of the Company, Deloitte Touche Tohmatsu, attended the 2017 AGM to answer Shareholders' questions about the conduct of the audit, the preparation and content of the independent auditor's report and independence of auditor.

## CORPORATE GOVERNANCE REPORT (Continued)

The attendance of the Directors at the 2017 AGM is set out below:

<b>Directors</b>	<b>AGM Attended/held</b>
<i>Executive Directors:</i>	
Mr. Ji Wei ( <i>Chairman</i> )	1/1
Ms. Cao Zhao Hui	0/1
Mr. Zeng Xin	0/1
Ms. Zheng Xiao Ping	0/1
Mr. Tian Zhong Ping*	0/1
<i>Non-executive Director:</i>	
Mr. Kat Chit	1/1
<i>Independent Non-executive Directors:</i>	
Mr. Hui Wing Kuen	1/1
Mr. Huang Jing	0/1
Mr. Luan Wenpeng	0/1
Mr. Cheng Shi Jie	0/1

\*: appointed on 26 January 2017

The forthcoming annual general meeting of the Company will be held on 25 May 2018 ("2018 AGM"). The notice convening the 2018 AGM together with the circular will be published on the websites of the Stock Exchange and the Company and dispatched to Shareholders before 30 April 2018.

Shareholders are also encouraged to attend Shareholders' activities organized by the Company, where information about the Company, including its latest strategic plan, products and services will be communicated.

### SIGNIFICANT CHANGES IN CONSTITUTIONAL DOCUMENTS

There was no significant change in the Company's constitutional documents during the year ended 31 December 2017.

# INDEPENDENT AUDITOR'S REPORT

# Deloitte.

# 德勤

## TO THE MEMBERS OF WASION GROUP HOLDINGS LIMITED

威勝集團控股有限公司

*(incorporated in Cayman Islands with limited liability)*

## OPINION

We have audited the consolidated financial statements of Wasion Group Holdings Limited (the "Company") and its subsidiaries (collectively referred to as the "Group") set out on pages 93 to 183, which comprise the consolidated statement of financial position as at 31 December 2017, and the consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the consolidated financial statements give a true and fair view of the consolidated financial position of the Group as at 31 December 2017, and of its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with Hong Kong Financial Reporting Standards ("HKFRSs") issued by the Hong Kong Institute of Certified Public Accountants (the "HKICPA") and have been properly prepared in compliance with the disclosure requirements of the Hong Kong Companies Ordinance.

## BASIS FOR OPINION

We conducted our audit in accordance with Hong Kong Standards on Auditing ("HKSA") issued by the HKICPA. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the HKICPA's Code of Ethics for Professional Accountants (the "Code"), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

## KEY AUDIT MATTERS

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the consolidated financial statements of the current year. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

## INDEPENDENT AUDITOR'S REPORT (Continued)

### **Key audit matter**

### **How our audit addressed the key audit matter**

#### ***Recoverability of trade and bills receivables***

We identified the recoverability of trade and bills receivables, amounted to RMB2,357,138,000 net of allowance for doubtful debts amounting to RMB26,624,000 recognised as at 31 December 2017 as set out in note 21(ii) to the consolidated financial statements as a key audit matter due to the magnitude of the amount and the significant judgement by the management is required in determining the appropriate level of provision to be made in respect of irrecoverable amounts, if any.

As disclosed in note 4 to the consolidated financial statements, the management determined the carrying amount of trade and bills receivables, taken into consideration the ages of the amounts, creditworthiness of the customers and the historical settlement records and subsequent settlements of the amounts.

#### ***Capitalisation of development costs***

We identified the capitalisation of development costs, amounted to RMB360,968,000 as at 31 December 2017 as set out in note 16(b) to the consolidated financial statements as a key audit matter due to the magnitude of the amount and the significant judgement involved.

Our procedures in relation to recoverability of trade and bills receivables included:

- Checking the agreed credit terms with customers to the signed sales contracts, on a sample basis;
- Checking the accuracy and completeness of the aged analysis;
- Evaluating the reasonableness and adequacy of the provisions provided for the irrecoverable amounts with reference to the aged analysis, creditworthiness of the customers, historical settlement records and subsequent settlements of trade receivables; and
- Comparing the aged analysis results with competitors in the same industry.

Our procedures in relation to capitalisation of development costs included:

- Assessing and testing the key controls over the capitalisation of development costs, on a sample basis;
- Performing substantive test, on a sample basis, on the addition amount in the development costs during the year, for the occurrence and accuracy of development costs and assessing whether it meets the capitalisation criteria set out in the significant accounting policies per note 3 to the consolidated financial statements;

## INDEPENDENT AUDITOR'S REPORT (Continued)

### Key audit matter

### How our audit addressed the key audit matter

#### **Capitalisation of development costs**

The Group capitalises certain costs incurred during development phase of internal projects for development of new technology and new products. In order to determine the amount of cost that should be capitalised, the Group must assess whether the cost meets the capitalisation criteria set out in the significant accounting policies per note 3 to the consolidated financial statements, especially on how the intangible asset will generate probable future economic benefits. The Group must also apply judgement in determining whether the Group can demonstrate the existence of a market for the output of the intangible asset or the intangible asset itself or, if it is to be used internally, the usefulness of the intangible asset.

- Inquiring project managers from the development department of the Group for details of material development projects; and
- Evaluating the Group's assessment on the expected future economic benefits brought by the intangible asset by checking the budgeted benefits in development project proposals and comparing with the related benefits incurred subsequent to the completion of the project, on a sample basis.

### OTHER INFORMATION

The directors of the Company are responsible for the other information. The other information comprises the information included in the annual report, but does not include the consolidated financial statements and our auditor's report thereon.

Our opinion on the consolidated financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

## INDEPENDENT AUDITOR'S REPORT (Continued)

### RESPONSIBILITIES OF DIRECTORS AND THOSE CHARGED WITH GOVERNANCE FOR THE CONSOLIDATED FINANCIAL STATEMENTS

The directors of the Company are responsible for the preparation of the consolidated financial statements that give a true and fair view in accordance with HKFRSs issued by the HKICPA and the disclosure requirements of the Hong Kong Companies Ordinance, and for such internal control as the directors determine is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, the directors are responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the Group or to cease operations, or have no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

### AUDITOR'S RESPONSIBILITIES FOR THE AUDIT OF THE CONSOLIDATED FINANCIAL STATEMENTS

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion solely to you, as a body, in accordance with our agreed terms of engagement, and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with HKSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with HKSAs, we exercise professional judgement and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.



## INDEPENDENT AUDITOR'S REPORT (Continued)

- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in the independent auditor's report is Tse Fung Chun.

### **Deloitte Touche Tohmatsu**

*Certified Public Accountants*

Hong Kong

28 March 2018

# CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

For the year ended 31 December 2017

	Notes	2017 RMB'000	2016 RMB'000
Revenue	5	2,927,989	2,607,504
Cost of sales		(2,093,318)	(1,790,744)
Gross profit		834,671	816,760
Other income	6	141,836	111,133
Other gains and losses	7	(5,078)	15,410
Gain on bargain purchase of interests in subsidiaries	28	8,241	—
Gain on disposal of subsidiaries	29	103,294	740
Administrative expenses		(176,355)	(148,264)
Selling expenses		(290,422)	(247,841)
Research and development expenses		(181,592)	(147,047)
Finance costs	8	(43,291)	(52,564)
Share of results of associates	17	(83)	1,062
Profit before taxation	9	391,221	349,389
Income tax expense	10	(53,425)	(41,484)
Profit for the year		337,796	307,905
<b>Profit for the year attributable to</b>			
— Owners of the Company		301,575	307,265
— Non-controlling interests		36,221	640
		337,796	307,905
<b>Other comprehensive (expense) income</b>			
<i>Items that may be subsequently reclassified to profit or loss:</i>			
Exchange differences arising on translation of foreign operations		(12,033)	21,582
Fair value changes on available-for-sale investments		(3,125)	(1,204)
Other comprehensive (expense) income for the year		(15,158)	20,378
Total comprehensive income for the year		322,638	328,283
<b>Total comprehensive income for the year attributable to</b>			
— Owners of the Company		286,417	327,643
— Non-controlling interests		36,221	640
		322,638	328,283
<b>Earnings per share</b>	13		
Basic		RMB30 cents	RMB30 cents
Diluted		RMB30 cents	RMB30 cents

# CONSOLIDATED STATEMENT OF FINANCIAL POSITION

At 31 December 2017

	Notes	2017 RMB'000	2016 RMB'000
<b>NON-CURRENT ASSETS</b>			
Property, plant and equipment	14(a)	1,297,170	1,267,972
Prepaid lease payments	14(b)	151,292	392,604
Investment properties	15	15,638	19,752
Goodwill	16(a)	297,919	297,919
Other intangible assets	16(b)	425,825	361,695
Investments in associates	17	9,730	1,063
Available-for-sale investments	18	217,244	150,878
Other non-current assets	19	113,773	60,138
		<b>2,528,591</b>	2,552,021
<b>CURRENT ASSETS</b>			
Inventories	20	484,479	344,075
Trade and other receivables	21	3,245,452	3,260,764
Prepaid lease payments	14(b)	3,541	7,918
Loan receivables	22	105,000	205,000
Pledged bank deposits	23(a)	273,099	183,297
Bank balances and cash	23(b)	1,243,892	940,016
		<b>5,355,463</b>	4,941,070
<b>CURRENT LIABILITIES</b>			
Trade and other payables	24	2,253,762	2,166,141
Tax liabilities		44,183	36,816
Borrowings — due within one year	25	841,206	532,967
		<b>3,139,151</b>	2,735,924
<b>NET CURRENT ASSETS</b>		<b>2,216,312</b>	2,205,146
<b>TOTAL ASSETS LESS CURRENT LIABILITIES</b>		<b>4,744,903</b>	4,757,167

## CONSOLIDATED STATEMENT OF FINANCIAL POSITION (Continued)

At 31 December 2017

	Notes	2017 RMB'000	2016 RMB'000
<b>CAPITAL AND RESERVES</b>			
Share capital	26	9,988	10,078
Reserves		4,156,084	4,138,541
Equity attributable to owners of the Company		4,166,072	4,148,619
Non-controlling interests		493,878	29,095
		4,659,950	4,177,714
<b>NON-CURRENT LIABILITIES</b>			
Borrowings — due after one year	25	67,701	562,307
Deferred tax liabilities	27	17,252	17,146
		84,953	579,453
		4,744,903	4,757,167

The consolidated financial statements on pages 93 to 183 were approved and authorised for issue by the Board of Directors on 28 March 2018 and are signed on its behalf by:

**Ji Wei**  
DIRECTOR

**Cao Zhao Hui**  
DIRECTOR

# CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

For the year ended 31 December 2017

	Attributable to owners of the Company												
	Share capital RMB'000 (note 26)	Share premium RMB'000	Merger reserve RMB'000 (Note i)	Exchange reserve RMB'000	PRC statutory reserves RMB'000 (Note ii)	Share option reserve RMB'000	Investment revaluation reserve RMB'000	Shares held for share award scheme RMB'000 (Note iii)	Other reserve RMB'000 (Note iv & v)	Retained profits RMB'000	Total RMB'000	Non-controlling interests RMB'000	Total RMB'000
At 1 January 2016	10,180	1,922,917	49,990	(78,902)	262,400	21,342	4	—	27,582	1,885,647	4,101,160	38,412	4,139,572
Profit for the year	—	—	—	—	—	—	—	—	—	307,265	307,265	640	307,905
Other comprehensive income (expense) for the year	—	—	—	21,582	—	—	(1,204)	—	—	—	20,378	—	20,378
Total comprehensive income (expense) for the year	—	—	—	21,582	—	—	(1,204)	—	—	307,265	327,643	640	328,283
Recognition of equity-settled share-based payment	—	—	—	—	—	5,816	—	—	—	—	5,816	—	5,816
Transfer to PRC statutory reserves	—	—	—	—	34,540	—	—	—	—	(34,540)	—	—	—
Shares repurchased and cancelled (note 26)	(102)	(37,381)	—	—	—	—	—	—	—	—	(37,483)	—	(37,483)
Transaction cost attributable to shares repurchased	—	(160)	—	—	—	—	—	—	—	—	(160)	—	(160)
Purchase of shares under share award scheme (note 31)	—	—	—	—	—	—	(25,119)	—	—	—	(25,119)	—	(25,119)
Acquisition of additional interests in a subsidiary (Note v)	—	—	—	—	—	—	—	—	(17,103)	—	(17,103)	(10,497)	(27,600)
Disposal of a subsidiary (note 29)	—	—	—	—	—	—	—	—	1,563	(1,563)	—	—	—
Proportional capital injection by non-controlling interests	—	—	—	—	—	—	—	—	—	—	—	540	540
Dividend recognised as distribution (note 12)	—	—	—	—	—	—	—	—	—	(206,135)	(206,135)	—	(206,135)
At 31 December 2016	10,078	1,885,376	49,990	(57,320)	296,940	27,158	(1,200)	(25,119)	12,042	1,950,674	4,148,619	29,095	4,177,714
Profit for the year	—	—	—	—	—	—	—	—	—	301,575	301,575	36,221	337,796
Other comprehensive expense for the year	—	—	—	(12,033)	—	—	(3,125)	—	—	—	(15,158)	—	(15,158)
Total comprehensive (expense) income for the year	—	—	—	(12,033)	—	—	(3,125)	—	—	301,575	286,417	36,221	322,638
Recognition of equity-settled share-based payment	—	—	—	—	—	572	—	—	—	—	572	—	572
Transfer to PRC statutory reserves	—	—	—	—	38,837	—	—	—	—	(38,837)	—	—	—
Shares repurchased and cancelled (note 26)	(90)	(35,509)	—	—	—	—	—	—	—	—	(35,599)	—	(35,599)
Transaction cost attributable to shares repurchased	—	(225)	—	—	—	—	—	—	—	—	(225)	—	(225)
Acquisition of subsidiaries (note 28)	—	—	—	—	—	—	—	—	—	—	—	60,219	60,219
Acquisition of additional interests in subsidiaries (note 28(v) and Note v)	—	—	—	—	—	—	—	—	5,213	—	5,213	(57,425)	(52,212)
Disposal of a subsidiary (Note vi)	—	—	—	—	—	—	—	—	3,246	(3,246)	—	—	—
Subscription of shares of a subsidiary by non-controlling interests (Note vii)	—	—	—	—	—	—	—	—	(34,854)	—	(34,854)	425,554	390,700
Proportional capital injection by non-controlling interests	—	—	—	—	—	—	—	—	—	—	—	214	214
Dividend recognised as distribution (note 12)	—	(204,071)	—	—	—	—	—	—	—	—	(204,071)	—	(204,071)
At 31 December 2017	9,988	1,645,571	49,990	(69,353)	335,777	27,730	(4,325)	(25,119)	(14,353)	2,210,166	4,166,072	493,878	4,659,950

## CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (Continued)

For the year ended 31 December 2017

### Notes:

- (i) Merger reserve represents the difference between the nominal value of shares of the subsidiary acquired over the nominal value of the shares used by the Company in exchange thereafter.
- (ii) PRC statutory reserves are reserves required by the relevant laws in the People's Republic of China (the "PRC") applicable to the Group's PRC subsidiaries.
- (iii) Shares held for share award scheme represents the own shares of the Company repurchased by a trustee for an employees' share award scheme.
- (iv) Other reserve of rmb14,353,000 includes an amount of RMB33,164,000 representing the excess of the balance of plan asset over the carrying amount of shares held under share award plan of the Company, which was recognised upon termination of the plan in prior years.
- (v) The Group accounts for changes in the Group's ownership interests in existing subsidiaries that do not result in the Group losing control over those subsidiaries as equity transactions and recognises any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received in other reserve.

During the year ended 31 December 2017, the Group acquired an additional 44.13% equity interest in Zhuhai Zhonghui (as defined in note 28) from the non-controlling interests. The difference between the amounts of consideration and the carrying values of the interests acquired amounting to RMB5,213,000 is recorded in other reserve.

During the year ended 31 December 2016, the Group acquired an additional 24% equity interest in an existing subsidiary from the non-controlling interests. The difference between the amount of consideration and the carrying value of the interests acquired amounting to RMB17,103,000 was recorded in other reserve.

- (vi) During the year ended 31 December 2017, the Group has completed the disposal of 85% equity interest in Hunan Jiale Property Development Co., Ltd. ("Hunan Jiale") to an independent third party and other reserve amount to RMB3,246,000 recognised between the amounts of consideration and the carrying values of the interests acquired in prior years has been realised.
- (vii) During the year ended 31 December 2017, Willfar Information Technology Company Limited ("Willfar Information Technology ") (formerly known as Wasion Information Technology Company Limited), a subsidiary of the Company has completed share subscriptions by two connected persons in accordance with the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and five independent investors for an aggregate of 35% equity interest of Willfar Information Technology. After the share subscriptions, 65% equity interest of Willfar Information Technology are held by the Group and Willfar Information Technology remains as a subsidiary of the Group. The difference between the amounts of contribution from the two connected persons and the five independent investors and the amount by which non-controlling interests is adjusted amounting to RMB34,854,000 is recorded in other reserve. Further details of the subscriptions with the two connected persons are set out in the Company's announcement dated 12 January 2017.



# CONSOLIDATED STATEMENT OF CASH FLOWS

For the year ended 31 December 2017

	2017 RMB'000	2016 RMB'000
<b>OPERATING ACTIVITIES</b>		
Profit before taxation	391,221	349,389
Adjustments for:		
Amortisation of intangible assets	94,602	60,091
Bank interest income	(23,977)	(11,957)
Depreciation of property, plant and equipment	45,838	41,410
Depreciation of investment properties	230	304
Dividend income from available-for-sale investments	(6,333)	(3,485)
Fair value loss on revaluation of an available-for-sale investment upon reclassification as a subsidiary	3,670	—
Finance costs	43,291	52,564
Gain on bargain purchase of interests in subsidiaries	(8,241)	—
Gain on disposal of an available-for-sale investment	(6,000)	—
Gain on disposal of intangible assets	(10,434)	—
Gain on disposal of subsidiaries	(103,294)	(740)
Impairment loss on trade receivables	6,932	—
Interest income from available-for-sale investments	(7,558)	(3,832)
Interest income from consideration receivable for disposal of a subsidiary	(2,770)	(906)
Interest income from loan receivables	(20,716)	(24,383)
Net foreign exchange loss (gain)	11,262	(15,442)
Net (gain) loss on disposal of property, plant and equipment	(352)	32
Release of prepaid lease payments	5,927	7,918
Share-based payment expenses	572	5,816
Share of results of associates	83	(1,062)
Operating cash flows before movements in working capital	413,953	455,717
Increase in inventories	(89,689)	(9,489)
Decrease (increase) in trade and other receivables	170,257	(425,135)
Increase in trade and other payables	161,254	44,857
Cash generated from operations	655,775	65,950
Income tax paid	(47,121)	(60,437)
<b>NET CASH FROM OPERATING ACTIVITIES</b>	<b>608,654</b>	<b>5,513</b>

## CONSOLIDATED STATEMENT OF CASH FLOWS (Continued)

For the year ended 31 December 2017

	Notes	2017 RMB'000	2016 RMB'000
<b>INVESTING ACTIVITIES</b>			
Placement of pledged bank deposits		(477,087)	(435,230)
Expenditure on intangible assets		(162,312)	(125,550)
Investment in available-for-sale investments		(140,000)	(68,266)
Purchase of property, plant and equipment		(49,001)	(124,773)
Acquisition of a subsidiary, net of cash and cash equivalents acquired	28	(14,488)	—
Expenditure on prepaid lease payments		(12,217)	—
Capital injection upon establishment of an associate		(8,750)	—
Withdrawal of pledged bank deposits		387,285	493,422
Withdrawal of short-term bank deposits		150,000	150,000
Repayment of advances of short-term loan receivables under entrusted loan contracts	22	100,000	—
Proceeds from disposal of available-for-sale investments		73,223	—
Disposal of subsidiaries, net of cash and cash equivalents disposed of	29	59,233	(1,346)
Interest received		55,876	37,260
Interest income received from available-for-sale investments		7,558	3,832
Dividends received from available-for-sale investments		6,333	3,485
Proceeds from disposal of property, plant and equipment		3,153	169
Proceeds from disposal of intangible assets		2,000	—
Placement of short-term bank deposits		—	(150,000)
Deposit refunded for purchase of a piece of land and certain properties		—	81,950
Repayment from related parties		—	20,956
<b>NET CASH USED IN INVESTING ACTIVITIES</b>		<b>(19,194)</b>	<b>(114,091)</b>
<b>FINANCING ACTIVITIES</b>			
Repayment of borrowings		(978,607)	(854,581)
Dividends paid		(204,071)	(206,135)
Interest paid on borrowings		(56,288)	(62,316)
Acquisition of additional interests in subsidiaries		(52,212)	(27,600)
Shares repurchased and cancelled		(35,599)	(37,483)
Transaction cost attributable to shares repurchased and cancelled		(225)	(160)
New borrowings raised		814,716	1,071,850
Subscription of shares of a subsidiary by non-controlling interests		390,700	—
Shares repurchased for share award scheme		—	(25,119)
<b>NET CASH USED IN FINANCING ACTIVITIES</b>		<b>(121,586)</b>	<b>(141,544)</b>
<b>NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>		<b>467,874</b>	<b>(250,122)</b>
<b>CASH AND CASH EQUIVALENTS AT BEGINNING OF THE YEAR</b>		<b>790,016</b>	<b>1,021,836</b>
<b>EFFECT OF FOREIGN EXCHANGE RATE CHANGES</b>		<b>(13,998)</b>	<b>18,302</b>
<b>CASH AND CASH EQUIVALENTS AT END OF THE YEAR</b>		<b>1,243,892</b>	<b>790,016</b>
Represented by:			
Bank balances and cash		1,243,892	940,016
Less: Short-term bank deposit	23(b)	—	(150,000)
		<b>1,243,892</b>	<b>790,016</b>

# NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

For the year ended 31 December 2017

## 1. GENERAL

The Company is incorporated in the Cayman Islands as an exempted company with limited liability under the Companies Law of Cayman Islands and its shares are listed on The Stock Exchange of Hong Kong Limited (the “Stock Exchange”). The directors consider the immediate and ultimate holding company to be Star Treasure Investments Holdings Limited, a limited liability company incorporated in the British Virgin Islands (the “BVI”). The addresses of the registered office and principal place of business of the Company are disclosed in the “Corporate Information” section of the annual report.

The consolidated financial statements are presented in Renminbi (“RMB”), which is the same as the functional currency of the Company.

The Company is an investment holding company. Particulars of the principal activities of its principal subsidiaries and associates are set out in notes 38 and 17, respectively.

## 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”)

### Amendments to HKFRSs that are mandatorily effective for the current year

The Group has applied the following amendments to HKFRSs issued by the Hong Kong Institute of Certified Public Accountants (the “HKICPA”) for the first time in the current year:

Amendments to HKAS 7	Disclosure Initiative
Amendments to HKAS 12	Recognition of Deferred Tax Assets for Unrealised Losses
Amendments to HKFRS 12	As part of the Annual Improvements to HKFRSs 2014–2016 Cycle

Except as described below, the application of the amendments to HKFRSs in the current year has had no material impact on the Group’s financial performance and positions for the current and prior years and/or on the disclosures set out in these consolidated financial statements.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”) (Continued)

#### Amendments to HKAS 7 “Disclosure Initiative”

The Group has applied these amendments for the first time in the current year. The amendments require an entity to provide disclosure that enable users of financial statements to evaluate changes in liabilities arising from financing activities, including both cash and non-cash changes. In addition, the amendments also require disclosures on changes in financial assets if cash flows from those financial assets were, or future cash flows will be, included in the cash flows from financing activities.

Specifically, the amendments require the following to be disclosed: (i) changes from financing cash flows; (ii) changes arising from obtaining or losing control of subsidiaries or other businesses; (iii) the effect of changes in foreign exchange rates; (iv) changes in fair values; and (v) other changes.

A reconciliation between the opening and closing balances of these items is provided in note 34. Consistent with the transition provisions of the amendments, the Group has not disclosed comparative information for the prior year. Apart from the additional disclosure in note 34, the application of these amendments has had no impact on the Group’s consolidated financial statements.

#### New and revised HKFRSs in issue but not yet effective

The Group has not early applied the following new and revised HKFRSs that have been issued but are not yet effective:

HKFRS 9	Financial Instruments <sup>1</sup>
HKFRS 15	Revenue from Contracts with Customers and the related Amendments <sup>1</sup>
HKFRS 16	Leases <sup>2</sup>
HKFRS 17	Insurance Contracts <sup>4</sup>
HK(IFRIC)-Int 22	Foreign Currency Transactions and Advance Consideration <sup>1</sup>
HK(IFRIC)-Int 23	Uncertainty over Income Tax Treatments <sup>2</sup>
Amendments to HKFRS 2	Classification and Measurement of Share-based Payment Transactions <sup>1</sup>
Amendments to HKFRS 4	Applying HKFRS 9 Financial Instruments with HKFRS 4 Insurance Contracts <sup>1</sup>
Amendments to HKFRS 9	Prepayment Features with Negative Compensation <sup>2</sup>
Amendments to HKFRS 10 and HKAS 28	Sale or Contribution of Assets between an Investor and its Associate or Joint Venture <sup>3</sup>
Amendments to HKAS 28	Long-term Interests in Associates and Joint Ventures <sup>2</sup>
Amendments to HKAS 28	As part of the Annual Improvements to HKFRSs 2014–2016 Cycle <sup>1</sup>
Amendments to HKAS 40	Transfers of Investment Property <sup>1</sup>
Amendments to HKFRSs	Annual Improvements to HKFRSs 2015–2017 Cycle <sup>2</sup>

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”) (Continued)

#### New and revised HKFRSSs in issue but not yet effective (Continued)

- <sup>1</sup> Effective for annual periods beginning on or after 1 January 2018
- <sup>2</sup> Effective for annual periods beginning on or after 1 January 2019
- <sup>3</sup> Effective for annual periods beginning on or after a date to be determined
- <sup>4</sup> Effective for annual periods beginning on or after 1 January 2021

#### HKFRS 9 “Financial Instruments”

HKFRS 9 introduces new requirements for the classification and measurement of financial assets, financial liabilities, general hedge accounting and impairment requirements for financial assets.

Key requirements of HKFRS 9 which are relevant to the Group are:

- All recognised financial assets that are within the scope of HKFRS 9 are required to be subsequently measured at amortised cost or fair value. Specifically, debt investments that are held within a business model whose objective is to collect the contractual cash flows, and that have contractual cash flows that are solely payments of principal and interest on the principal outstanding are generally measured at amortised cost at the end of subsequent accounting periods. Debt instruments that are held within a business model whose objective is achieved both by collecting contractual cash flows and selling financial assets, and that have contractual terms that give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding, are measured at fair value through other comprehensive income (“FVTOCI”). All other financial assets are measured at their fair value at subsequent accounting periods. In addition, under HKFRS 9, entities may make an irrevocable election to present subsequent changes in the fair value of an equity investment (that is not held for trading) in other comprehensive income, with only dividend income generally recognised in profit or loss;
- In relation to the impairment of financial assets, HKFRS 9 requires an expected credit loss model, as opposed to an incurred credit loss model under HKAS 39. The expected credit loss model requires an entity to account for expected credit losses and changes in those expected credit losses at each reporting date to reflect changes in credit risk since initial recognition. In other words, it is no longer necessary for a credit event to have occurred before credit losses are recognised.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”) (Continued)

#### HKFRS 9 “Financial Instruments” (Continued)

Based on the Group’s financial instruments and risk management policies as at 31 December 2017, the directors of the Company anticipate the following potential impact on initial application of HKFRS 9:

#### Classification and measurement

- Debt instruments classified as loan receivables carried at amortised cost as disclosed in note 22: these are held within a business model whose objective is to collect the contractual cash flows that are solely payments of principal and interest on the principal outstanding. Accordingly, these financial assets will continue to be subsequently measured at amortised cost upon the application of HKFRS 9;
- Listed equity securities classified as available-for-sale investments carried at fair value as disclosed in note 18: these securities qualified for designation as measured at FVTOCI under HKFRS 9, however, the fair value gains or losses accumulated in the investments revaluation reserve amounting to RMB4,325,000 as at 1 January 2018 will no longer be subsequently reclassified to profit or loss under HKFRS 9, which is different from the current treatment. This will affect the amounts recognised in the Group’s profit or loss and other comprehensive income but will not affect total comprehensive income;
- Equity securities classified as available-for-sale investments carried at cost less impairment as disclosed in note 18: these securities qualified for designation as measured at FVTOCI under HKFRS 9 and the Group will measure these securities at fair value at the end of subsequent reporting periods with fair value gains or losses to be recognised as other comprehensive income and accumulated in the investment revaluation reserve;
- Investments in trust funds classified as available-for-sale investments carried at fair value as disclosed in note 18: these are held within a business model whose objective is achieved both by collecting contractual cash flows and selling the investments in trust funds, and the contractual terms give rise to cash flows on specified dates that are solely payments of principal and interest on the principal outstanding. Accordingly, the investments in trust funds will continue to be subsequently measured at FVTOCI upon the application of HKFRS 9, and the fair value gains or losses accumulated in the investments revaluation reserve will continue to be subsequently reclassified to profit or loss when the investments in trust funds are derecognised or reclassified;
- All other financial assets and financial liabilities will continue to be measured on the same bases as are currently measured under HKAS 39.

#### Impairment

In general, the directors of the Company anticipate that the application of the expected credit loss model of HKFRS 9 will result in earlier provision of credit losses which are not yet incurred in relation to the Group’s financial assets measured at amortised cost upon application of HKFRS 9 by the Group.

Based on the assessment by the directors of the Company, if the expected credit loss model were to be applied by the Group, the accumulated amount of impairment loss to be recognised by the Group as at 1 January 2018 would be increased as compared to the accumulated amount recognised under HKAS 39 mainly attributable to expected credit losses provision on trade receivables. Such further impairment recognised under expected credit loss model would reduce the opening retained profits and increase the deferred tax assets at 1 January 2018.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”) (Continued)

#### HKFRS 15 “Revenue from Contracts with Customers”

HKFRS 15 was issued which establishes a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers. HKFRS 15 will supersede the current revenue recognition guidance including HKAS 18 “Revenue”, HKAS 11 “Construction Contracts” and the related interpretations when it becomes effective.

The core principle of HKFRS 15 is that an entity should recognise revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Specifically, the standard introduces a 5-step approach to revenue recognition:

- Step 1: Identify the contract(s) with a customer
- Step 2: Identify the performance obligations in the contract
- Step 3: Determine the transaction price
- Step 4: Allocate the transaction price to the performance obligations in the contract
- Step 5: Recognise revenue when (or as) the entity satisfies a performance obligation

Under HKFRS 15, an entity recognises revenue when (or as) a performance obligation is satisfied, i.e. when ‘control’ of the goods or services underlying the particular performance obligation is transferred to the customer. Far more prescriptive guidance has been added in HKFRS 15 to deal with specific scenarios. Furthermore, extensive disclosures are required by HKFRS 15.

In 2016, the HKICPA issued Clarifications to HKFRS 15 in relation to the identification of performance obligations, principal versus agent considerations, as well as licensing application guidance.

The directors of the Company anticipate that the application of HKFRS 15 in the future may result in more disclosures, however, the directors of the Company do not anticipate that the application of HKFRS 15 will have a material impact on the timing and amounts of revenue recognised in the respective reporting periods.

#### HKFRS 16 “Leases”

HKFRS 16 introduces a comprehensive model for the identification of lease arrangements and accounting treatments for both lessors and lessees. HKFRS 16 will supersede HKAS 17 “Leases” and the related interpretations when it becomes effective.

HKFRS 16 distinguishes leases and service contracts on the basis of whether an identified asset is controlled by a customer. Distinctions of operating leases and finance leases are removed for lessee accounting, and is replaced by a model where a right-of-use asset and a corresponding liability have to be recognised for all leases by lessees, except for short-term leases and leases of low value assets.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS (“HKFRSS”) (Continued)

#### HKFRS 16 “Leases” (Continued)

The right-of-use asset is initially measured at cost and subsequently measured at cost (subject to certain exceptions) less accumulated depreciation and impairment losses, adjusted for any remeasurement of the lease liability. The lease liability is initially measured at the present value of the lease payments that are not paid at that date. Subsequently, the lease liability is adjusted for interest and lease payments, as well as the impact of lease modifications, amongst others. For the classification of cash flows, the Group currently presents upfront prepaid lease payments as investing cash flows in relation to leasehold lands for owned use and those classified as investment properties while other operating lease payments are presented as operating cash flows. Upon application of HKFRS 16, lease payments in relation to lease liability will be allocated into a principal and an interest portion which will be presented as financing cash flows by the Group.

Under HKAS 17, the Group has already recognised prepaid lease payments for leasehold lands where the Group is a lessee. The application of HKFRS 16 may result in potential changes in classification of these assets depending on whether the Group presents right-of-use assets separately or within the same line item at which the corresponding underlying assets would be presented if they were owned.

In contrast to lessee accounting, HKFRS 16 substantially carries forward the lessor accounting requirements in HKAS 17, and continues to require a lessor to classify a lease either as an operating lease or a finance lease.

Furthermore, extensive disclosures are required by HKFRS 16.

As at 31 December 2017, the Group has non-cancellable operating lease commitments of RMB3,094,000 as disclosed in note 36. A preliminary assessment indicates that these arrangements will meet the definition of a lease. Upon application of HKFRS 16, the Group will recognise a right-of-use asset and a corresponding liability in respect of all these leases unless they qualify for low value or short-term leases.

In addition, the Group currently considers refundable rental deposits paid of RMB469,000 as rights and obligations under leases to which HKAS 17 applies. Based on the definition of lease payments under HKFRS 16, such deposits are not payments relating to the right to use the underlying assets, accordingly, the carrying amounts of such deposits may be adjusted to amortised cost and such adjustments are considered as additional lease payments. Adjustments to refundable rental deposits paid would be included in the carrying amount of right-of-use assets. Adjustments to refundable rental deposits received would be considered as advance lease payments.

Furthermore, the application of new requirements may result changes in measurement, presentation and disclosure as indicated above.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements have been prepared in accordance with HKFRSs issued by the HKICPA. In addition, the consolidated financial statements include applicable disclosures required by the Rules Governing the Listing of Securities on the Stock Exchange (the "Listing Rules") and by the Hong Kong Companies Ordinance.

The consolidated financial statements have been prepared on the historical cost basis except for certain financial instruments that are measured at fair value at the end of each reporting period, as explained in the accounting policies set out below.

Historical cost is generally based on the fair value of the consideration given in exchange for goods or services.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of HKFRS 2 "Share-based Payment", leasing transactions that are within the scope of HKAS 17 "Leases", and measurements that have some similarities to fair value but are not fair value, such as net realisable value in HKAS 2 "Inventories" or value in use in HKAS 36 "Impairment of Assets".

In addition, for financial reporting purpose, fair value measurements are categorised into Level 1, 2 or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

The principal accounting policies are set out below.

#### Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Company and entities controlled by the Company and its subsidiaries. Control is achieved when the Company:

- has power over the investee;
- is exposed, or has rights, to variable returns from its involvement with the investee; and
- has the ability to use its power to affect its returns.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Basis of consolidation (Continued)

The Group reassesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control listed above.

Consolidation of a subsidiary begins when the Group obtains control over the subsidiary and ceases when the Group loses control of the subsidiary. Specifically, income and expenses of a subsidiary acquired or disposed of during the year are included in the consolidated statement of profit or loss and other comprehensive income from the date the Group gains control until the date when the Group ceases to control the subsidiary.

Profit or loss and each item of other comprehensive income are attributed to the owners of the Company and to the non-controlling interests. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with the Group's accounting policies.

All intragroup assets and liabilities, equity, income, expenses and cash flows relating to transactions between members of the Group are eliminated in full on consolidation.

#### Changes in the Group's ownership interests in existing subsidiaries

Changes in the Group's ownership interests in existing subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's relevant components of equity and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries, including re-attribution of relevant reserves between the Group and the non-controlling interests according to the Group's and the non-controlling interests' proportionate interests.

Any difference between the amount by which the non-controlling interests are adjusted, and the fair value of the consideration paid or received is recognised directly in equity and attributed to owners of the Company.

When the Group loses control of a subsidiary, the assets and liabilities of that subsidiary and non-controlling interests (if any) are derecognised. A gain or loss is recognised in profit or loss and is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including goodwill), and liabilities of the subsidiary attributable to the owners of the Company. All amounts previously recognised in other comprehensive income in relation to that subsidiary are accounted for as if the Group had directly disposed of the related assets or liabilities of the subsidiary (i.e. reclassified to profit or loss or transferred to another category of equity as specified/permitted by applicable HKFRSs). The fair value of any investment retained in the former subsidiary at the date when control is lost is regarded as the fair value on initial recognition for subsequent accounting under HKAS 39 or, when applicable, the cost on initial recognition of an investment in an associate or a joint venture.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Business combinations

Acquisitions of businesses are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the acquisition-date fair values of the assets transferred by the Group, liabilities incurred by the Group to the former owners of the acquiree and the equity interests issued by the Group in exchange for control of the acquiree. Acquisition related costs are generally recognised in profit or loss as incurred.

At the acquisition date, the identifiable assets acquired and the liabilities assumed are recognised at their fair value, except that:

- deferred tax assets or liabilities, and assets or liabilities related to employee benefit arrangements are recognised and measured in accordance with HKAS 12 “Income Taxes” and HKAS 19 “Employee Benefits” respectively;
- liabilities or equity instruments related to share-based payment arrangements of the acquiree or share-based payment arrangements of the Group entered into to replace share-based payment arrangements of the acquiree are measured in accordance with HKFRS 2 “Share-based Payment” at the acquisition date (see accounting policy below); and
- assets (or disposal groups) that are classified as held for sale in accordance with HKFRS 5 “Non-current Assets Held for Sale and Discontinued Operations” are measured in accordance with that standard.

Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer’s previously held equity interest in the acquiree (if any) over the net amount of the identifiable assets acquired and the liabilities assumed as at acquisition date. If, after re-assessment, the net amounts of the identifiable assets acquired and liabilities assumed exceeds the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree and the fair value of the acquirer’s previously held interest in the acquiree (if any), the excess is recognised immediately in profit or loss as a bargain purchase gain.

Non-controlling interests that are present ownership interests and entitle their holders to a proportionate share of the relevant subsidiary’s net assets in the event of liquidation are initially measured at the non-controlling interests’ proportionate share of the recognised amounts of the acquiree’s identifiable net assets or at fair value.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Business combinations (Continued)

When the consideration transferred by the Group in a business combination includes assets or liabilities resulting from a contingent consideration arrangement, the contingent consideration is measured at its acquisition-date fair value and included as part of the consideration transferred in a business combination. Changes in the fair value of the contingent consideration that qualify as measurement period adjustments are adjusted retrospectively, with the corresponding adjustments made against goodwill. Measurement period adjustments are adjustments that arise from additional information obtained during the “measurement period” (which cannot exceed one year from the acquisition date) about facts and circumstances that existed at the acquisition date.

When a business combination is achieved in stages, the Group’s previously held equity interest in the acquiree is remeasured to fair value at the acquisition date (i.e. the date when the Group obtains control), and the resulting gain or loss, if any, is recognised in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognised in other comprehensive income are reclassified to profit or loss when such treatment would be appropriate if that interest were disposed of.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period (see above), and additional assets or liabilities are recognised, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognised at that date.

#### Goodwill

Goodwill arising on an acquisition of a business is carried at cost as established at the date of acquisition of the business (see accounting policy above) less accumulated impairment losses, if any.

For the purposes of impairment testing, goodwill is allocated to each of the Group’s cash-generating units (“CGU”) (or groups of CGUs) that is expected to benefit from the synergies of the combination, which represent the lowest level at which the goodwill is monitored for internal management purposes and not larger than an operating segment.

A CGU (or groups of CGUs) to which goodwill has been allocated is tested for impairment annually, or more frequently whenever there is an indication that the unit may be impaired. For goodwill arising on an acquisition in a reporting period, the CGU (or groups of CGUs) to which goodwill has been allocated is tested for impairment before the end of that reporting period. If the recoverable amount is less than the carrying amount of the unit, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit, and then to the other assets of the unit pro rata on the basis of the carrying amount of each asset in the unit (or groups of CGUs).

On disposal of the relevant CGU, the attributable amount of goodwill is included in the determination of the amount of profit or loss on disposal (or any of the CGU within group of CGUs in which the Group monitors goodwill).



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Investments in associates

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

The results and assets and liabilities of an associate are incorporated in these consolidated financial statements using the equity method of accounting. The financial statements of an associate used for equity accounting purposes are prepared using uniform accounting policies as those of the Group for like transactions and events in similar circumstances. Appropriate adjustments have been made to conform the associate's accounting policies to those of the Group. Under the equity method, an investment in an associate is initially recognised in the consolidated statement of financial position at cost and adjusted thereafter to recognise the Group's share of the profit or loss and other comprehensive income of the associate. Changes in net assets of the associate other than profit or loss and other comprehensive income are not accounted for unless such changes resulted in changes in ownership interest held by the Group. When the Group's share of losses of an associate exceeds the Group's interest in that associate (which includes any long-term interests that, in substance, form part of the Group's net investment in the associate), the Group discontinues recognising its share of further losses. Additional losses are recognised only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate.

The requirements of HKAS 39 are applied to determine whether it is necessary to recognise any impairment loss with respect to the Group's investment in an associate. When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with HKAS 36 "Impairment of Assets" as a single asset by comparing its recoverable amount (higher of value in use and fair value less costs of disposal) with its carrying amount. Any impairment loss recognised forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognised in accordance with HKAS 36 to the extent that the recoverable amount of the investment subsequently increases.

When a group entity transacts with an associate of the Group, profits and losses resulting from the transactions with the associate are recognised in the Group's consolidated financial statements only to the extent of interests in the associate that are not related to the Group.

#### Revenue recognition

Revenue is measured at the fair value of the consideration received or receivable and represents amounts receivable for goods sold and services provided in the normal course of business, net of discounts and sales related tax.

Revenue is recognised when the amount of revenue can be reliably measured; when it is probable that future economic benefits will flow to the Group and when specific criteria have been met for each of the Group's activities, as described below.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Revenue recognition (Continued)

Revenue from the sale of goods is recognised when the goods are delivered and the titles have passed.

Deposits and instalments received from customers prior to meeting the above criteria on revenue recognition are included in the consolidated statement of financial position under current liabilities.

Service income is recognised when services are provided.

Interest income is accrued on a time basis, by reference to the principal outstanding and at the effective interest rate applicable, which is the rate that exactly discounts the estimated future cash receipts through the expected life of the financial asset to that asset's net carrying amount on initial recognition.

Dividend income from investments is recognised when the rights to receive payments have been established.

#### Property, plant and equipment

Property, plant and equipment including buildings, leasehold land (classified as finance leases) held for use in the production or supply of goods or services, or for administrative purposes (other than construction in progress as described below) are stated in the consolidated statement of financial position at cost, less subsequent accumulated depreciation and subsequent accumulated impairment losses, if any.

Properties in the course of construction for production, supply or administrative purposes are carried at cost, less any recognised impairment loss. Costs include professional fees and, for qualifying assets, borrowing costs capitalised in accordance with the Group's accounting policy. Such properties are classified to the appropriate categories of property, plant and equipment when completed and ready for intended use. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

Depreciation is recognised so as to write off the cost of assets other than construction in progress less their residual values over their estimated useful lives, using the straight-line method. The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognised in profit or loss.

An item of property, plant and equipment is transferred to investment property when there is a change of use, as evidenced by end of owner-occupation. The cost and accumulated depreciation of that item at the date of transfer is recognised as the cost and accumulated depreciation of the investment property respectively.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Investment properties

Investment properties are properties held to earn rentals and/or for capital appreciation.

Investment properties are initially measured at cost, including any directly attributable expenditure. Subsequent to initial recognition, investment properties are stated at cost less subsequent accumulated depreciation and any accumulated impairment losses. Depreciation is recognised so as to write off the cost of investment properties over their estimated useful lives and after taking into account of their estimated residual values, using the straight-line method.

An investment property is derecognised upon disposal or when the investment property is permanently withdrawn from use and no future economic benefits are expected from its disposals. Any gain or loss arising on derecognition of the property (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the item is derecognised.

#### Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

#### The Group as lessor

Rental income from operating leases is recognised in profit or loss on a straight-line basis over the term of the relevant lease.

#### The Group as lessee

Operating lease payments, including the cost of acquiring land held under operating leases, are recognised as an expense on a straight-line basis over the lease term, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

#### Leasehold land and building

When the Group makes payments for a property interest which includes both leasehold land and building elements, the Group assesses the classification of each element as a finance or an operating lease separately based on the assessment as to whether substantially all the risks and rewards incidental to ownership of each element have been transferred to the Group, unless it is clear that both elements are operating lease in which case the entire property is accounted as an operating lease. Specifically, the entire consideration (including any lump-sum upfront payments) are allocated between the leasehold land and the building elements in proportion to the relative fair values of the leasehold interests in the land element and building element at initial recognition.

To the extent the allocation of the relevant payments can be made reliably, interest in leasehold land that is accounted for as an operating lease is presented as "prepaid lease payments" in the consolidated statement of financial position and is amortised over the lease term on a straight-line basis.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Intangible assets

##### Intangible assets acquired separately

Intangible assets with finite useful lives that are acquired separately are carried at cost less accumulated amortisation and any accumulated impairment losses. Amortisation is recognised on a straight-line basis over their estimated useful lives. The estimated useful life and amortisation method are reviewed at the end of each reporting period, with the effect of any changes in estimate being accounted for on a prospective basis (see the accounting policy in respect of impairment losses on tangible and intangible assets below).

##### Internally-generated intangible assets — research and development expenditure

Expenditure on research activities is recognised as an expense in the period in which it is incurred.

An internally-generated intangible asset arising from development activities (or from the development phase of an internal project) is recognised if, and only if, all of the following have been demonstrated:

- the technical feasibility of completing the intangible asset so that it will be available for use or sale;
- the intention to complete the intangible asset and use or sell it;
- the ability to use or sell the intangible asset;
- how the intangible asset will generate probable future economic benefits;
- the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- the ability to measure reliably the expenditure attributable to the intangible asset during its development.

The amount initially recognised for internally-generated intangible asset is the sum of the expenditure incurred from the date when the intangible asset first meets the recognition criteria listed above. Where no internally-generated intangible asset can be recognised, development expenditure is charged to profit or loss in the period in which it is incurred.

Subsequent to initial recognition, internally-generated intangible assets are reported at cost less accumulated amortisation and accumulated impairment losses (if any), on the same basis as intangible assets acquired separately.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Intangible assets (Continued)

##### Intangible assets acquired in a business combination

Intangible assets acquired in a business combination are recognised separately from goodwill and are initially recognised at their fair value at the acquisition date (which is regarded as their cost).

Subsequent to initial recognition, intangible assets acquired in a business combination with finite useful lives are carried at cost less accumulated amortisation and any accumulated impairment losses, on the same basis as intangible assets that are acquired separately.

An intangible asset is derecognised on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset, are recognised in profit or loss in the period when the asset is derecognised.

#### Inventories

Inventories are stated at the lower of cost and net realisable value. Cost of inventories are determined on a weighted average method. Net realisable value represents the estimated selling price for inventories less all estimated costs of completion and costs necessary to make the sale.

#### Financial instruments

Financial assets and financial liabilities are recognised when a group entity becomes a party to the contractual provisions of the instruments.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets at fair value through profit or loss ("FVTPL")) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets at FVTPL are recognised immediately in profit or loss.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Financial instruments (Continued)

##### Financial assets

The Group's financial assets are classified as financial assets at FVTPL, loans and receivables and available-for-sale investments. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition. All regular way purchases or sales of financial assets are recognised and derecognised on a trade date basis. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace.

##### *Effective interest method*

The effective interest method is a method of calculating the amortised cost of a debt instrument and of allocating interest income over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the debt instrument, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

Interest income is recognised on an effective interest basis for debt instruments.

##### *Financial assets at FVTPL*

Financial assets are classified as at FVTPL when the financial asset is either held for trading or it is designated as at FVTPL.

A financial asset is classified as held for trading if:

- it has been acquired principally for the purpose of selling in the near future; or
- on initial recognition it is a part of a portfolio of identified financial instruments that the Group manages together and has a recent actual pattern of short-term profit-taking; or
- it is a derivative that is not designated and effective as a hedging instrument.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Financial instruments (Continued)

##### Financial assets (Continued)

##### *Financial assets at FVTPL (Continued)*

A financial asset other than a financial asset held for trading may be designated as at FVTPL upon initial recognition if:

- such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or
- the financial asset forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with the Group's documented risk management or investment strategy, and information about the grouping is provided internally on that basis; or
- it forms part of a contract containing one or more embedded derivatives, and HKAS 39 "Financial Instruments: Recognition and Measurement" permits the entire combined contract to be designated as at FVTPL.

Financial assets at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognised in profit or loss. The net gain or loss recognised in profit or loss excludes any dividend or interest earned on the financial assets and is included in other income. Fair value is determined in the manner described in note 33(c).

##### *Loans and receivables*

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Subsequent to initial recognition, loans and receivables (including the deposit component of the life insurance products, consideration receivable for disposal of subsidiaries, trade and other receivables, loan receivables, pledged bank deposits and bank balances and cash) are measured at amortised cost using the effective interest method, less any impairment (see accounting policy on impairment of financial assets below).

Retention amounts billed for sale of goods but not yet paid by the customer are included in the consolidated statement of financial position under trade and other receivables.

Interest income is recognised by applying the effective interest rate, except for short-term receivables where the recognition of interest would be immaterial.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Financial instruments (Continued)

##### Financial assets (Continued)

##### *Available-for-sale investments*

Available-for-sale financial assets are non-derivatives that are either designated as available-for-sale or are not classified as (a) loans and receivables, (b) held-to-maturity investments or (c) financial assets at FVTPL.

Equity and debt securities held by the Group that are classified as available-for-sale investments are measured at fair value at the end of each reporting period except for unquoted equity investments whose fair value cannot be reliably measured. Changes in the carrying amount of available-for-sale debt instruments relating to interest income calculated using the effective interest method, and changes in foreign exchange rates, if applicable, are recognised in profit or loss. Dividends on available-for-sale equity investments are recognised in profit or loss when the Group's right to receive the dividends is established. Other changes in the carrying amount of available-for-sale financial assets are recognised in other comprehensive income and accumulated under the heading of investment revaluation reserve. When the investment is disposed of or is determined to be impaired, the cumulative gain or loss previously accumulated in the investment revaluation reserve is reclassified to profit or loss (see the accounting policy on impairment of financial assets below).

Available-for-sale equity investments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured are measured at cost less any identified impairment losses at the end of the reporting period.

##### *Impairment of financial assets*

Financial assets, other than those at FVTPL, are assessed for indicators of impairment at the end of each reporting period. Financial assets are considered to be impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the financial assets have been affected.

For available-for-sale equity investments, a significant or prolonged decline in the fair value of that investment below its cost is considered to be objective evidence of impairment.

For loans and receivables, objective evidence of impairment could include:

- significant financial difficulty of the issuer or counterparty; or
- breach of contract, such as default or delinquency in interest or principal payments; or
- it becoming probable that the borrower will enter bankruptcy or financial re-organisation; or
- disappearance of an active market for that financial asset because of financial difficulties.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Financial instruments (Continued)

##### Financial assets (Continued)

##### *Impairment of financial assets (Continued)*

For certain categories of financial asset, such as trade receivables, assets that are assessed not to be impaired individually are, in addition, assessed for impairment on a collective basis. Objective evidence of impairment for a portfolio of receivables could include the Group's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period, as well as observable changes in national or local economic conditions that correlate with default on receivables.

For financial assets carried at amortised cost, the amount of the impairment loss recognised is the difference between the asset's carrying amount and the present value of the estimated future cash flows discounted at the financial asset's original effective interest rate.

For financial assets carried at cost, the amount of the impairment loss is measured as the difference between the asset's carrying amount and the present value of the estimated future cash flows discounted at the current market rate of return for a similar financial asset. Such impairment loss will not be reversed in subsequent periods (see the accounting policy below).

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of trade receivables, where the carrying amount is reduced through the use of an allowance accounts. Changes in the carrying amount of the allowance account are recognised in profit or loss. When a trade receivable is considered uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited to profit or loss.

When an available-for-sale investments is considered to be impaired, cumulative gains or losses previously recognised in other comprehensive income are reclassified to profit or loss in that period.

For financial assets measured at amortised cost, if, in a subsequent period, the amount of impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment losses was recognised, the previously recognised impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment at the date the impairment is reversed does not exceed what the amortised cost would have been had the impairment not been recognised.

In respect of available-for-sale equity investments, impairment losses previously recognised in profit or loss are not reversed through profit or loss. Any increase in fair value subsequent to impairment loss is recognised in other comprehensive income and accumulated under the heading of investment revaluation reserve.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Financial instruments (Continued)

##### Financial liabilities and equity instruments

Debt and equity instruments issued by a group entity are classified either as financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

##### *Financial liabilities at amortised cost*

The Group's financial liabilities, including trade and other payables and borrowings, are subsequently measured at amortised cost, using the effective interest method.

##### *Effective interest method*

The effective interest method is a method of calculating the amortised cost of a financial liability and of allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial liability, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

Interest expense is recognised on an effective interest basis.

##### *Equity instruments*

An equity instrument is any contract that evidences a residual interest in the assets of the Group after deducting all of its liabilities. Equity instruments issued by the Company are recognised at the proceeds received, net of direct issue costs.

Repurchase of the Company's own equity instruments is recognised and deducted directly in equity. No gain or loss is recognised in profit or loss on the purchase, sale, issue or cancellation of the Company's own equity instruments.

##### Derecognition

The Group derecognises a financial asset only when the contractual rights to the cash flows from the asset expire.

On derecognition of a financial asset, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss that had been recognised in other comprehensive income and accumulated in equity is recognised in profit or loss.

The Group derecognises financial liabilities when, and only when, the Group's obligations are discharged, cancelled or have expired. The difference between the carrying amount of the financial liability derecognised and the consideration paid and payable is recognised in profit or loss.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Equity-settled share-based payment transactions

##### Share options granted to employees

Equity-settled share-based payments to employees and others providing similar services are measured at the fair value of the equity instruments at the grant date.

The fair value of the equity-settled share-based payments determined at the grant date without taking into consideration all non-market vesting conditions is expensed on a straight-line basis over the vesting period, based on the Group's estimate of equity instruments that will eventually vest, with a corresponding increase in equity (share option reserve).

At the end of each reporting period, the Group revises its estimate of the number of equity instruments expected to vest based on assessment of all relevant non-market vesting conditions. The impact of the revision of the original estimates, if any, is recognised in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment to share option reserve.

When share options are exercised, the amount previously recognised in share option reserve will be transferred to share premium. When the share options are forfeited after the vesting date or are still not exercised at the expiry date, the amount previously recognised in share option reserve will be transferred to retained profits.

##### Awarded shares granted to employees

When trustee of the share award scheme purchases the Company's shares from the open market, the consideration paid, including any directly attributable incremental costs, is presented as shares held for share award scheme and deducted from total equity. No gain or loss is recognised on the transactions of the Company's own shares.

The fair value of services received is determined by reference to the fair value of share awards granted at the grant date and is expensed on a straight-line basis over the vesting period, with a corresponding increase in equity (share award reserve).

#### Foreign currencies

In preparing the financial statements of each individual group entity, transactions in currencies other than the functional currency of that entity (foreign currencies) are recognised at the rates of exchanges prevailing on the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the rates prevailing on the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Exchange differences arising on the settlement of monetary items, and on the translation of monetary items, are recognised in profit or loss in the period in which they arise.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Foreign currencies (Continued)

For the purposes of presenting the consolidated financial statements, the assets and liabilities of the Group's foreign operations are translated into the presentation currency of the Group (i.e. RMB) using exchange rate prevailing at the end of the reporting period. Income and expenses items are translated at the average exchange rates for the period, unless exchange rates fluctuate significantly during the period, in which case, the exchange rate prevailing at the dates of transactions are used. Exchange differences arising, if any, are recognised in other comprehensive income and accumulated in equity under the heading of exchange reserve.

#### Government grants

Government grants are not recognised until there is reasonable assurance that the Group will comply with the conditions attaching to them and that the grants will be received.

Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Group with no future related costs are recognised in profit or loss in the period in which they become receivable.

#### Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets until such time as the assets are substantially ready for their intended use or sale.

All other borrowing costs are recognised in profit or loss in the period in which they are incurred.

#### Retirement benefit costs

Payments to state-managed retirement benefit schemes and the Mandatory Provident Fund Scheme are recognised as an expense when employees have rendered service entitling them to the contributions.

#### Short-term employee benefits

Short-term employee benefits are recognised at the undiscounted amount of the benefits expected to be paid as and when employees rendered the services. All short-term employee benefits are recognised as an expense unless another HKFRS requires or permits the inclusion of the benefit in the cost of an asset.

A liability is recognised for benefits accruing to employees after deducting any amount already paid.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

The tax currently payable is based on taxable profit for the year. Taxable profit differs from “profit before taxation” as reported in the consolidated statement of profit or loss and other comprehensive income because of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The Group’s liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary difference to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from the initial recognition (other than in a business combination) of assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit. In addition, deferred tax liabilities are not recognised if the temporary difference arises from the initial recognition of goodwill.

Deferred tax liabilities are recognised for taxable temporary differences associated with investments in subsidiaries and associates, except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments are only recognised to the extent that it is probable that there will be sufficient taxable profits against which to utilise the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset is realised, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

Current and deferred tax is recognised in profit or loss, except when it relates to items that are recognised in other comprehensive income or directly in equity, in which case the current and deferred tax are also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 3. SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### Impairment losses on tangible and intangible assets other than goodwill

At the end of the reporting period, the Group reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any.

When it is not possible to estimate the recoverable amount of an asset individually, the Group estimates the recoverable amount of the CGU to which the asset belongs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual CGUs, or otherwise they are allocated to the smallest group of CGUs for which a reasonable and consistent allocation basis can be identified.

Recoverable amount is the higher of fair value less costs of disposal and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset (or a CGU) for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or a CGU) is estimated to be less than its carrying amount, the carrying amount of the asset (or a CGU) is reduced to its recoverable amount. In allocating the impairment loss, the impairment loss is allocated first to reduce the carrying amount of any goodwill (if applicable) and then to the other assets on a pro-rata basis based on the carrying amount of each asset in the unit. The carrying amount of an asset is not reduced below the highest of its fair value less costs of disposal (if measurable), its value in use (if determinable) and zero. The amount of the impairment loss that would otherwise have been allocated to the asset (or a CGU) is allocated pro rata to the other assets of the unit. An impairment loss is recognised immediately in profit or loss.

When an impairment loss subsequently reverses, the carrying amount of the asset (or a CGU) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or a CGU) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 4. CRITICAL ACCOUNTING JUDGEMENT AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the application of the Group's accounting policies described in note 3, the directors of the Company are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

#### Critical judgement in applying accounting policies

The following is the critical judgement, apart from those involving estimations (see below), that the directors of the Company have made in the process of applying the Group's accounting policies and that have the most significant effect on the amounts recognised in the consolidated financial statements.

#### Capitalisation of development cost

Careful judgement by the Group's management is applied when deciding whether the recognition requirements for intangible assets arising from development costs have been met. This is necessary as the economic success of any product development is uncertain and may be subject to future technical problems at the time of recognition. Judgements are based on the best information available at the time of incurrence of such costs.

#### Key sources of estimation uncertainty

The following are the key assumptions concerning the future, and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

#### (i) Estimated impairment of trade and bills receivables, retentions held by trade customers and loan receivables

The provision policy for bad and doubtful debts of the Group is based on the evaluation of collectability and aged analysis of accounts and management's judgement. A considerable amount of judgement is required in assessing the ultimate realisation of these receivables, with reference to the ages of the amounts, current creditworthiness, past collection history and subsequent settlement of each customer. If the financial conditions of customers of the Group were to deteriorate, resulting in an impairment of their ability to make payments, additional allowance may be required.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 4. CRITICAL ACCOUNTING JUDGEMENT AND KEY SOURCES OF ESTIMATION UNCERTAINTY (Continued)

#### Key sources of estimation uncertainty (Continued)

(i) **Estimated impairment of trade and bills receivables, retentions held by trade customers and loan receivables (Continued)**

As at 31 December 2017, the carrying amounts of (a) trade and bills receivables is approximately RMB2,357.1 million (2016: RMB2,543.3 million), net of allowance for doubtful debts of approximately RMB26.6 million (2016: RMB19.7 million), (b) retentions held by trade customers is approximately RMB327.0 million (2016: RMB284.4 million) and (c) loan receivables is approximately RMB105.0 million (2016: RMB205.0 million).

(ii) **Estimated carrying amounts of goodwill**

Determining whether goodwill is impaired requires an estimation of the recoverable amount of the CGUs to which goodwill has been allocated, which is the higher of the value in use or fair value less costs of disposal. The value in use calculation requires the Group to estimate the future cash flows expected to arise from the CGU and a suitable discount rate in order to calculate the present value. Where the actual future cash flows are less than expected or changes in facts and circumstances which result in downward revision of future cash, a material impairment loss may arise. The carrying amount of goodwill of approximately RMB297.9 million as at 31 December 2017 and 2016 was allocated to the power advanced metering infrastructure, communication and fluid advanced metering infrastructure and advanced distribution operations segments. Details of the recoverable amount calculation are disclosed in note 16(a).

(iii) **Estimated impairment of other intangible assets**

The Group tests whether other intangible assets have suffered any impairment in accordance with its accounting policy whenever there is any indication that the assets may have been impaired. The recoverable amounts of other intangible assets have been determined based on discounted cash flows method. The directors consider that the recoverable amount exceeded the carrying amount of the other intangible assets and no impairment was recognised during the year. Where the actual future cash flows is different from the original estimate, an impairment loss/further impairment loss may arise. As at 31 December 2017, the carrying amount of other intangible assets is approximately RMB425.8 million (2016: RMB361.7 million).

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 5. REVENUE AND SEGMENT INFORMATION

Information reported to the Group's Chief Executive Officer, being the chief operating decision maker (the "CODM"), for the purposes of resources allocation and assessment of segment performance focuses on business lines of the Group.

Specifically, the Group's reportable and operating segments under HKFRS 8 are as follows:

- (a) Power advanced metering infrastructure segment, which engages in the development, manufacture and sale of smart power meters and provision of respective system solution;
- (b) Communication and fluid advanced metering infrastructure segment, which engages in the development, manufacture and sale of communication terminals and water, gas and heat metering products and and provision of respective system solution; and
- (c) Advanced distribution operations segment, which engages in the manufacture and sale of smart power distribution devices and providing smart power distribution solution and energy efficiency solution services.

#### Segment revenue and results

The following is an analysis of the Group's revenue and results by reportable and operating segment:

#### For the year ended 31 December 2017

	Power advanced metering infrastructure RMB'000	Communication and fluid advanced metering infrastructure RMB'000	Advanced distribution operations RMB'000	Consolidated RMB'000
Segment revenue	1,591,163	755,762	581,064	2,927,989
Segment profit	159,227	87,412	60,943	307,582
Unallocated income and gains/losses				57,065
Gain on bargain purchase of interests in subsidiaries				8,241
Gain on disposal of subsidiaries				103,294
Share of results of associates				(83)
Central administration costs				(41,587)
Finance costs				(43,291)
Profit before taxation				391,221

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 5. REVENUE AND SEGMENT INFORMATION (Continued)

#### Segment revenue and results (Continued)

For the year ended 31 December 2016

	Power advanced metering infrastructure RMB'000	Communication and fluid advanced metering infrastructure RMB'000	Advanced distribution operations RMB'000	Consolidated RMB'000
Segment revenue	1,590,680	501,873	514,951	2,607,504
Segment profit	261,041	65,105	76,607	402,753
Unallocated income and gains/losses				47,841
Gain on disposal of subsidiaries				740
Share of results of associates				1,062
Central administration costs				(50,443)
Finance costs				(52,564)
Profit before taxation				349,389

The accounting policies of the operating segments are the same as the Group's accounting policies described in note 3. Segment profit represents the profit attributable to each segment without allocation of certain other income, other gains and losses, gain on bargain purchase of interest in subsidiaries, gain on disposal of subsidiaries, share of results of associates, central administration costs, directors' salaries, finance costs and taxation. This is the measure reported to the Group's CODM for the purposes of resource allocation and performance assessment.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 5. REVENUE AND SEGMENT INFORMATION (Continued)

#### Segment assets and liabilities

The following is an analysis of the Group's assets and liabilities by reportable and operating segment:

	2017 RMB'000	2016 RMB'000
<b>SEGMENT ASSETS</b>		
Power advanced metering infrastructure	3,006,801	2,941,869
Communication and fluid advanced metering infrastructure	1,420,995	1,283,115
Advanced distribution operations	1,374,445	1,320,361
Total segment assets	5,802,241	5,545,345
Unallocated assets	2,081,813	1,957,746
Consolidated assets	7,884,054	7,503,091
<b>SEGMENT LIABILITIES</b>		
Power advanced metering infrastructure	1,247,101	1,196,035
Communication and fluid advanced metering infrastructure	394,316	441,824
Advanced distribution operations	514,755	414,461
Total segment liabilities	2,156,172	2,052,320
Unallocated liabilities	1,067,932	1,273,057
Consolidated liabilities	3,224,104	3,325,377

For the purposes of monitoring segment performances and allocating resources between segments:

- all assets are allocated to operating segments other than certain property, plant and equipment, prepaid lease payments, investments in associates, available-for-sale investments, life insurance products, loan receivables, other receivables, pledged bank deposits and bank balances and cash; and
- all liabilities are allocated to operating segments other than certain other payables, tax liabilities, borrowings and deferred tax liabilities.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 5. REVENUE AND SEGMENT INFORMATION (Continued)

#### Other segment information

Amounts included in the measure of segment profit or segment assets and liabilities:

#### For the year ended 31 December 2017

	Power advanced metering infrastructure RMB'000	Communication and fluid advanced metering infrastructure RMB'000	Advanced distribution operations RMB'000	Segment total RMB'000	Unallocated RMB'000	Consolidated RMB'000
Additions to non-current assets (Note)	99,739	90,698	52,806	243,243	1,436	244,679
Depreciation and amortisation of property, plant and equipment and intangible assets	66,721	37,868	30,251	134,840	5,600	140,440
Release of prepaid lease payments	448	734	1,714	2,896	3,031	5,927
(Gain) loss on disposal of property, plant and equipment	(397)	—	45	(352)	—	(352)

#### For the year ended 31 December 2016

	Power advanced metering infrastructure RMB'000	Communication and fluid advanced metering infrastructure RMB'000	Advanced distribution operations RMB'000	Segment total RMB'000	Unallocated RMB'000	Consolidated RMB'000
Additions to non-current assets (Note)	77,800	49,445	129,972	257,217	2,858	260,075
Depreciation and amortisation of property, plant and equipment and intangible assets	51,329	24,309	18,104	93,742	11,028	104,770
Release of prepaid lease payments	547	266	1,727	2,540	5,378	7,918
(Gain) loss on disposal of property, plant and equipment	(26)	3	55	32	—	32

Note: Non-current assets exclude financial instruments.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 5. REVENUE AND SEGMENT INFORMATION (Continued)

#### Revenue from major customers

The directors are not aware of any external customer that individually contributed over 10% of the consolidated revenue in any of the two years ended 31 December 2017 and 31 December 2016.

#### Geographical information

The Group's operations are mainly located in the PRC.

The following table provides an analysis of the Group's revenue by geographical location of customers, irrespective of the origin of the goods, and information about its non-current assets by geographical location of the assets.

	Revenue from external customers		Non-current assets (Note)	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
PRC	2,546,803	2,209,900	2,202,290	2,345,825
Africa	196,304	347,096	—	—
Other overseas countries	184,882	50,508	—	—
	<b>2,927,989</b>	2,607,504	<b>2,202,290</b>	2,345,825

Note: Non-current assets exclude financial instruments.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 6. OTHER INCOME

	2017 RMB'000	2016 RMB'000
Other income comprises:		
Bank interest income	13,854	11,957
Change in fair value of financial assets classified as held for trading	8,916	9,686
Dividend income from available-for-sale investments	6,333	3,485
Government grants (Note i)	36,183	32,283
Interest income from available-for-sale investments	7,558	3,832
Interest income from consideration receivable for disposal of a subsidiary	2,770	906
Interest income from loan receivables (Note ii)	20,716	24,383
Refund of value-added tax ("VAT") (Note iii)	27,948	20,942
Rental income from investment properties	1,491	1,678
Others	16,067	1,981
	<b>141,836</b>	111,133

Notes:

- (i) Government grants mainly comprise financial subsidies from the PRC governments for the immediate rewards of the Group's contribution to the relevant provinces and the continuous technological advancements of the Group in its products with no future related costs or obligations.
- (ii) The amount represents the interest income from short-term loans advanced by the Group to certain independent third parties under entrusted loan contracts. Details of the loans are disclosed in note 22.
- (iii) Pursuant to the relevant regulations in the PRC, certain subsidiaries of the Group operating in the PRC are entitled to refunds of certain percentage of VAT on the sale of specified high technology products. The amount represents such VAT refund which is recognised upon the approval by the relevant tax authorities.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 7. OTHER GAINS AND LOSSES

	2017 RMB'000	2016 RMB'000
Other gains (losses) comprises:		
Gain on disposal of an available-for-sale investment	6,000	—
Gain on disposal of intangible assets	10,434	—
Fair value loss on revaluation of an available-for-sale investment upon reclassification as a subsidiary	(3,670)	—
Impairment loss on trade receivables	(6,932)	—
Net foreign exchange (loss) gain	(11,262)	15,442
Net gain (loss) on disposal of property, plant and equipment	352	(32)
	<b>(5,078)</b>	15,410

### 8. FINANCE COSTS

	2017 RMB'000	2016 RMB'000
Interest on borrowings	45,320	54,756
Interest on factoring of trade receivables	—	7,560
Less: amounts capitalised in the cost of qualifying assets	(2,029)	(9,752)
	<b>43,291</b>	52,564

For the year ended 31 December 2017, the borrowing costs capitalised of RMB2,029,000 (2016: RMB9,752,000) arose on the general borrowing pool and are calculated by applying a capitalisation rate of 4.19% (2016: 4.12%) to expenditures on qualifying assets.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 9. PROFIT BEFORE TAXATION

	2017 RMB'000	2016 RMB'000
Profit before taxation has been arrived at after charging:		
Staff costs (including directors' emoluments):		
Salaries and benefits	284,269	248,245
Retirement benefit scheme contributions	18,967	18,601
Share-based payment expenses	572	5,816
	<b>303,808</b>	272,662
Capitalised in development costs	<b>(91,887)</b>	(60,102)
Capitalised in inventories	<b>(27,179)</b>	(22,090)
	<b>184,742</b>	190,470
Auditor's remuneration	3,129	2,915
Depreciation of property, plant and equipment	51,020	44,679
Depreciation of investment properties	230	304
Release of prepaid lease payments	5,927	7,918
Amortisation of intangible assets (included in selling expenses, administrative expenses and research and development expenses)	91,333	60,091
Total depreciation and amortisation	<b>148,510</b>	112,992
Capitalised in inventories	<b>(5,182)</b>	(3,269)
	<b>143,328</b>	109,723
Cost of inventories recognised as expense	<b>2,093,318</b>	1,790,744

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 10. INCOME TAX EXPENSE

	2017 RMB'000	2016 RMB'000
The charge comprises:		
PRC Enterprise Income Tax ("EIT")		
— Current year	79,796	59,327
— Overprovision in prior years	(25,308)	(16,526)
	54,488	42,801
Deferred taxation (note 27)		
— Current year	(1,063)	(1,317)
	53,425	41,484

Notes:

**(i) Hong Kong**

No provision for Hong Kong Profits Tax has been made as the Group did not earn any income that was subject to Hong Kong Profits Tax during both years.

**(ii) PRC**

PRC EIT was calculated based on the statutory rate of 25% of the assessable profit for those subsidiaries established in the PRC, as determined in accordance with the relevant income tax rules and regulations in the PRC, except that certain PRC subsidiaries which are approved as enterprises that satisfied the condition as high technology development enterprises and obtained the Certificate of High New Technology Enterprise continue to enjoy the preferential tax rate of 15% for a consecutive three years from year 2015 to 2017, year 2016 to 2018 or year 2017 to 2019, respectively.

**(iii) Other jurisdictions**

Taxation arising in other jurisdictions was calculated at the rates prevailing in the respective jurisdictions. Under the Decree Law No. 58/99/M, Chapter 2, Article 12, dated 18 October 1999, a Macao company incorporated under that Law ("58/99/M Company") is exempted from Macao Complementary Tax as long as the 58/99/M Company does not sell its products to a Macao resident company.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 10. INCOME TAX EXPENSE (Continued)

The income tax expense for the year can be reconciled to the profit before taxation per the consolidated statement of profit or loss and other comprehensive income as follows:

	2017 RMB'000	2016 RMB'000
Profit before taxation	391,221	349,389
Tax at the income tax rate of 25%	97,805	87,347
Tax effect of expenses not deductible for tax purpose	23,803	19,601
Tax effect of income not taxable for tax purpose	(846)	(2,588)
Tax effect of share of results of an associate	21	(265)
Tax effect of tax losses not recognised	7,592	2,798
Utilisation of tax losses previously not recognised	(531)	(1,092)
Effect of tax concessions/exemption granted to PRC and Macao subsidiaries	(49,111)	(47,791)
Overprovision in prior years	(25,308)	(16,526)
Income tax expense for the year	53,425	41,484

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 11. DIRECTORS' AND EMPLOYEES' EMOLUMENTS

#### (a) Directors' and employees' emoluments

Details of emoluments paid or payable to each of the twelve (2016: thirteen) directors are set out as follows:

For the year ended 31 December 2017

	Directors' fees RMB'000	Salaries and other benefits RMB'000	Discretionary bonuses RMB'000 (Note i)	Retirement benefit scheme contributions RMB'000	Total RMB'000
<b>Executive directors:</b>					
Ji Wei	—	518	—	15	533
Cao Zhao Hui (Note ii)	—	560	50	23	633
Zeng Xin	—	600	—	23	623
Zheng Xiao Ping	—	558	—	23	581
Tian Zhongping (Note iii)	—	442	—	23	465
Wang Xue Xin (Note iv)	—	21	—	1	22
Li Hong (Note iv)	—	21	—	1	22
<b>Non-executive director:</b>					
Kat Chit	—	260	—	—	260
<b>Independent non-executive directors:</b>					
Hui Wing Kuen	398	—	—	—	398
Huang Jing	208	—	—	—	208
Luan Wenpeng	104	—	—	—	104
Cheng Shi Jie	157	—	—	—	157
	867	2,980	50	109	4,006



# NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

## 11. DIRECTORS' AND EMPLOYEES' EMOLUMENTS (Continued)

### (a) Directors' and employees' emoluments (Continued)

For the year ended 31 December 2016

	Directors' fees RMB'000	Salaries and other benefits RMB'000	Discretionary bonuses RMB'000 (Note i)	Retirement benefit scheme contributions RMB'000	Total RMB'000
<b>Executive directors:</b>					
Ji Wei	—	518	—	15	533
Cao Zhao Hui (Note ii)	—	560	50	23	633
Zeng Xin	—	538	—	23	561
Zheng Xiao Ping	—	558	—	23	581
Wang Xue Xin	—	560	—	23	583
Li Hong	—	380	—	23	403
<b>Non-executive director:</b>					
Kat Chit	—	260	—	—	260
<b>Independent non-executive directors:</b>					
Hui Wing Kuen	398	—	—	—	398
Huang Jing	42	—	—	—	42
Luan Wenpeng	39	—	—	—	39
Cheng Shi Jie	158	—	—	—	158
Wu Jin Ming	158	—	—	—	158
Pan Yuan	98	—	—	—	98
	893	3,374	50	130	4,447

Notes:

- (i) Discretionary bonuses are recommended by the Remuneration Committee and is decided by the board of directors having regard to the Group's operating results, individual performance and comparable market statistics.
- (ii) Ms. Cao Zhao Hui is also the Chief Executive of the Company and her emoluments disclosed above include those for services rendered by her as the Chief Executive.
- (iii) Mr. Tian Zhongping was appointed as a director of the Company on 26 January 2017.
- (iv) Mr. Wang Xue Xin and Mr. Li Hong resigned as directors of the Company on 26 January 2017.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 11. DIRECTORS' AND EMPLOYEES' EMOLUMENTS (Continued)

#### (a) Directors' and employees' emoluments (Continued)

No directors waived any emoluments for any of the two years ended 31 December 2017 and 31 December 2016.

The executive director's emoluments shown above were paid for their services in connection with the management of the affairs of the Company and the Group.

The independent non-executive directors' emoluments shown above were paid for their services as directors of the Company.

#### (b) Employees' emoluments

The five highest paid individuals of the Group for the year ended 31 December 2017 included four (2016: four) directors of the Company, details of whose emoluments are included above. The emoluments of the remaining one (2016: one) individual for the year are as follows:

	2017 RMB'000	2016 RMB'000
Salaries and other benefits	1,728	1,815
Retirement benefit scheme contributions	16	16
	<b>1,744</b>	1,831

The number of the highest paid employees who are not the directors of the Company whose remuneration fell within the following bands is as follows:

	2017 No. of employees	2016 No. of employees
HK\$2,000,001 to HK\$2,500,000	1	1

During both years, no emoluments were paid by the Group to any of the directors or the five highest paid individuals (including directors and employees) as an inducement to join or upon joining the Group or as compensation for loss of office.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 12. DIVIDENDS

	2017 RMB'000	2016 RMB'000
Dividends recognised as distribution during the year: 2016 final dividend — HK\$0.24, equivalent to RMB0.212, per share (2016: 2015 final dividend — HK\$0.24, equivalent to RMB0.201, per share)	<b>204,071</b>	206,135

Subsequent to the end of the reporting period, a final dividend in respect of the year ended 31 December 2017 of HK\$0.24, equivalent to RMB0.194, per share (2016: final dividend in respect of the year ended 31 December 2016 of HK\$0.24, equivalent to RMB0.212, per share), in an aggregate amount of HK\$241,133,000, equivalent to RMB194,474,000, (2016: HK\$243,572,000, equivalent to RMB215,318,000), has been proposed by the directors and is subject to approval by the shareholders in the forthcoming annual general meeting.

### 13. EARNINGS PER SHARE

The calculation of the basic and diluted earnings per share attributable to the owners of the Company is based on the following data:

	2017 RMB'000	2016 RMB'000
<b>Earnings</b>		
Earnings for the purposes of basic and diluted earnings per share (profit for the year attributable to owners of the Company)	<b>301,575</b>	307,265
	<b>2017</b>	2016
<b>Number of shares</b>		
Weighted average number of ordinary shares for the purpose of basic earnings per share	<b>999,887,376</b>	1,013,705,745
Effect of dilutive potential ordinary shares in respect of share options	—	41,543
Weighted average number of ordinary shares for the purpose of diluted earnings per share	<b>999,887,376</b>	1,013,747,288

The weighted average number of ordinary shares shown above has been arrived at after deducting the shares held by the trustee of the share award scheme of the Company as set out in note 31.

The computation of diluted earnings per share for the year ended 31 December 2017 does not assume the exercise of the Company's outstanding share options as the relevant exercise price of those options were higher than the average market price for the year.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 14. PROPERTY, PLANT AND EQUIPMENT/PREPAID LEASE PAYMENTS

#### (a) Property, plant and equipment

	Buildings	Leasehold improvements	Plant and machinery	Furniture, fixtures and office equipment	Motor vehicles	Construction in progress	Total
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
<b>COST</b>							
At 1 January 2016	845,560	4,628	271,007	41,685	23,978	271,571	1,458,429
Additions	—	4	11,499	5,788	1,521	115,713	134,525
Transfer	261,338	—	495	301	—	(262,134)	—
Transfer to investment properties	(4,106)	—	—	—	—	—	(4,106)
Disposals/written off	—	(7)	(629)	(19)	(802)	—	(1,457)
Disposal of a subsidiary (note 29)	—	—	(235)	(54)	—	—	(289)
Exchange realignment	—	133	—	38	79	—	250
At 31 December 2016	1,102,792	4,758	282,137	47,739	24,776	125,150	1,587,352
Additions	—	—	16,672	10,071	2,752	21,534	51,029
Acquisition of subsidiaries (note 28)	23,265	—	4,064	697	96	—	28,122
Transfer	136,023	—	2,639	2,686	—	(141,348)	—
Transfer from investment properties (note 15)	3,958	—	—	—	—	—	3,958
Disposals/written off	(256)	—	(4,845)	(901)	(4,286)	—	(10,288)
Disposal of a subsidiary (note 29)	—	—	—	(26)	—	—	(26)
Exchange realignment	—	(143)	—	(35)	(76)	—	(254)
At 31 December 2017	1,265,782	4,615	300,667	60,231	23,262	5,336	1,659,893
<b>DEPRECIATION</b>							
At 1 January 2016	77,410	4,201	143,904	36,025	14,586	—	276,126
Provided for the year	15,245	252	22,937	4,365	1,880	—	44,679
Transfer to investment properties	(148)	—	—	—	—	—	(148)
Eliminated on disposals/written off	—	(7)	(494)	(10)	(745)	—	(1,256)
Eliminated on disposal of a subsidiary (note 29)	—	—	(235)	(26)	—	—	(261)
Exchange realignment	—	131	—	34	75	—	240
At 31 December 2016	92,507	4,577	166,112	40,388	15,796	—	319,380
Provided for the year	20,350	171	23,166	5,494	1,841	—	51,022
Transfer from investment properties (note 15)	74	—	—	—	—	—	74
Eliminated on disposals/ written off	(76)	—	(2,701)	(681)	(4,029)	—	(7,487)
Eliminated on disposal of a subsidiary (note 29)	—	—	—	(22)	—	—	(22)
Exchange realignment	—	(143)	—	(35)	(66)	—	(244)
At 31 December 2017	112,855	4,605	186,577	45,144	13,542	—	362,723
<b>CARRYING VALUES</b>							
At 31 December 2017	1,152,927	10	114,090	15,087	9,720	5,336	1,297,170
At 31 December 2016	1,010,285	181	116,025	7,351	8,980	125,150	1,267,972

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 14. PROPERTY, PLANT AND EQUIPMENT/PREPAID LEASE PAYMENTS (Continued)

#### (a) Property, plant and equipment (Continued)

The above items of property, plant and equipment, except for construction in progress, are depreciated on a straight-line basis over the following periods:

Buildings	Over the remaining period of the lease terms of the relevant land on which buildings are erected, or 50 years, whichever is the shorter
Leasehold improvements	Over the remaining period of the relevant lease, or 5 years, whichever is the shorter
Plant and machinery	5 to 10 years
Furniture, fixtures and office equipment	5 to 10 years
Motor vehicles	10 years

All of the buildings are erected on land with medium-term land use rights outside Hong Kong.

#### (b) Prepaid lease payments

The Group's prepaid lease payments comprise leasehold land outside Hong Kong held under medium-term leases and analysed for reporting purposes as:

	<b>2017</b>	2016
	<b>RMB'000</b>	RMB'000
Non-current assets	<b>151,292</b>	392,604
Current assets	<b>3,541</b>	7,918
	<b>154,833</b>	400,522

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 15. INVESTMENT PROPERTIES

	RMB'000
<b>COST</b>	
At 1 January 2016	17,098
Transfer from property, plant and equipment	4,106
At 31 December 2016	21,204
Transfer to property, plant and equipment (Note)	(3,958)
At 31 December 2017	17,246
<b>DEPRECIATION</b>	
At 1 January 2016	1,000
Provided for the year	304
Transfer from property, plant and equipment	148
At 31 December 2016	1,452
Provided for the year	230
Transfer to property, plant and equipment (Note)	(74)
At 31 December 2017	1,608
<b>CARRYING VALUES</b>	
At 31 December 2017	15,638
At 31 December 2016	19,752

Note: Before the acquisition of subsidiaries, the Group rented a building to Zhuhai Zhonghui (as defined in note 28) and the building was classified as investment property. Upon the completion of the acquisition of Zhuhai Zhonghui, the building is considered as an owner-occupied property and is transferred to property, plant and equipment.

The above investment properties are depreciated on a straight-line basis over the remaining period of the lease terms of the relevant land and erected on land under medium-term land use rights outside Hong Kong.

The fair values of the Group's investment properties at 31 December 2017 were RMB18,657,000 (2016: RMB23,350,000). The fair values for the year ended 31 December 2017 and 2016 have been arrived at based on valuations carried out by 湖南中和房地產評估諮詢有限公司, independent valuers not connected with the Group.

The fair values were determined based on the direct comparison approach, which makes reference to the recent transactions for similar properties in the proximity and adjusted for a number of factors, including differences in transaction dates, building ages, floor areas, etc., between the comparable properties and the subject matters. In estimating the fair values of the properties, the highest and best use of the properties is their current use and the fair value measurements for all of the Group's properties are categorised as Level 3 (see note 3 for details). There has been no change from the valuation technique used in the prior year.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 16. GOODWILL/OTHER INTANGIBLE ASSETS

#### (a) Goodwill

	<b>RMB'000</b>
<b>COST</b>	
At 1 January 2016	300,537
Disposal of a subsidiary (note 29)	(2,618)
At 31 December 2016 and 2017	297,919

For the purposes of impairment testing, goodwill arising on business combinations as set out above was allocated, at acquisition, to individual CGUs which are in the following segments and the carrying amounts are as follows:

	<b>2017 &amp; 2016</b>
	RMB'000
Power advanced metering infrastructure CGU:	
Company A	128,053
Company B	56,831
Total goodwill under power advanced metering infrastructure	184,884
Communication and fluid advanced metering infrastructure CGU: Company C	53,495
Advanced distribution operations CGU:	
Company D	37,720
Company E	12,250
Company F	9,570
Total goodwill under advanced distribution operations	59,540
	297,919



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 16. GOODWILL/OTHER INTANGIBLE ASSETS (Continued)

#### (a) Goodwill (Continued)

During each of the year ended 31 December 2017 and 2016, management of the Group determines that there is no impairment of any of the CGUs or group of CGUs containing goodwill.

The recoverable amounts of the CGUs have been determined based on a value in use calculation.

For the year ended 31 December 2017 and 2016, the calculation uses cash flow projections based on financial budgets approved by management covering a 5-year period, and discount rates ranging from 12.50% to 15.50% (2016: 13.41% to 16.09%). The cash flows beyond the 5-year period are extrapolated using a steady growth rate. For the CGUs of power advanced metering infrastructure, a rate of 3% (2016: 3%) is used. This growth rate is based on the global economic growth rate. For the CGU of communication and fluid advanced metering infrastructure and the CGUs of advanced distribution operations, rates of 5% and 9% (2016: 5% and 9%) are used, respectively. These growth rates are based on the directors' best estimate on the average growth rate of these specific industries.

For both years, other key assumptions for the value in use calculations relate to the estimation of cash inflows/outflows which include budgeted sales and gross margin, such estimation is based on the unit's past performance and management's expectations for the market development. Management believes that any reasonably possible change in any of these assumptions would not cause the aggregate carrying amount of any of the CGUs and group of CGUs to exceed the aggregate recoverable amount of the relevant CGUs and group of CGUs.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

## 16. GOODWILL/OTHER INTANGIBLE ASSETS (Continued)

## (b) Other intangible assets

	Development costs RMB'000	Acquired patents, copyrights and trademarks RMB'000	Acquired technology RMB'000	Customer relationship and contracts RMB'000	Premium on land RMB'000	Total RMB'000
<b>COST</b>						
At 1 January 2016	497,553	75,379	95,257	63,669	46,713	778,571
Additions	122,868	2,682	—	—	—	125,550
At 31 December 2016	620,421	78,061	95,257	63,669	46,713	904,121
Additions	159,014	3,298	—	—	—	162,312
Disposals	(10,066)	—	—	—	—	(10,066)
Acquired on acquisition of subsidiaries (note 28)	—	3,217	—	—	—	3,217
At 31 December 2017	769,369	84,576	95,257	63,669	46,713	1,059,584
<b>AMORTISATION</b>						
At 1 January 2016	278,907	62,819	88,251	44,296	8,062	482,335
Provided for the year	50,001	3,876	2,954	2,326	934	60,091
At 31 December 2016	328,908	66,695	91,205	46,622	8,996	542,426
Provided for the year	79,493	6,009	2,570	2,326	935	91,333
At 31 December 2017	408,401	72,704	93,775	48,948	9,931	633,759
<b>CARRYING VALUES</b>						
At 31 December 2017	360,968	11,872	1,482	14,721	36,782	425,825
At 31 December 2016	291,513	11,366	4,052	17,047	37,717	361,695

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 16. GOODWILL/OTHER INTANGIBLE ASSETS (Continued)

#### (b) Other intangible assets (Continued)

Development costs represent expenses capitalised during development phase of internal projects for development of new technology and new products.

The entire balances of acquired technology, customer relationship and contracts and premium on land, and certain amounts of development costs and patents, copyrights and trademarks were acquired as part of business combinations in prior years.

The above intangible assets have finite useful lives and are amortised on a straight-line basis over the following periods:

Development costs	3 to 5 years
Acquired patents, copyrights and trademarks	3 to 10 years
Acquired technology	3 to 5 years
Customer relationship and contracts	10 years
Premium on land	Over the remaining period of the lease terms of the relevant land

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 17. INVESTMENTS IN ASSOCIATES

	2017 RMB'000	2016 RMB'000
Cost of unlisted investments in associates	28,750	20,000
Share of post-acquisition losses	(15,751)	(15,122)
Less: effect of elimination of gain on transfer of intangible assets from the Group to an associate to the extent of the Group's interest therein	(3,269)	(3,815)
	<b>9,730</b>	1,063

Details of the Group's associates at the end of the reporting period are as follows:

Name of entity	Form of entity	Country of establishment/ principal operations	Proportion of ownership interest and voting rights held by the Group		Principal activity
			2017	2016	
Smart Metering Solution (Changsha) Co., Ltd. ("Smart Metering")	Established	PRC	40%	40%	Research, development, manufacturing, and selling meter products, meter data management system, smart meter solution system and provide relevant consulting services
Chengsha High-tech Development Zone Energy Integrated Services Co., Ltd. ("Chengsha Energy") 長沙高新開發區能源綜合服務有限公司	Established	PRC	35%	—	Sales of electricity, design, development and maintenance of electric power information systems, renewable energy generation, energy performance contract, provision of electric power engineering construction and design services

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 17. INVESTMENTS IN ASSOCIATES (Continued)

Smart Metering is co-established by the Group and an independent third party and the Group is able to exercise significant influence over Smart Metering because it has power to appoint two out of five directors.

Chengsha Energy is co-established by the Group and two independent third parties and the Group is able to exercise significant influence over Chengsha Energy because it has power to appoint one out of four directors.

The Group's associates are accounted for using equity method in these consolidated financial statements.

Summarised financial informations in respect of the Group's associates are set out below. The summarised financial informations below represents amount shown in the associates' financial statements prepared in accordance with HKFRSs.

	Smart Metering		Chengsha Energy	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
<i>Financial information of consolidated statement of profit or loss and other comprehensive income</i>				
Revenue	159,799	141,241	—	N/A
(Loss) profit and total comprehensive (expense) income for the year	(1,978)	1,327	462	N/A
(Loss) profit for the year attributable to the Group	(790)	517	162	N/A
<i>Reconciliation to the share of results of associates:</i>				
(Loss) profit for the year attributable to the Group	(790)	517	162	N/A
Amortisation of gain on transfer of intangible assets from the Group to the associate to the extent of the Group's interest therein	545	545	—	N/A
Share of results of associates	(245)	1,062	162	N/A

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

## 17. INVESTMENTS IN ASSOCIATES (Continued)

	Smart Metering		Chengsha Energy	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
<i>Financial information of consolidated statement of financial position</i>				
Intangible assets	9,306	14,011	—	N/A
Other non-current assets	10,248	13,167	—	N/A
Current assets	54,805	30,842	25,681	N/A
Current liabilities	(64,139)	(45,827)	(217)	N/A
Net assets of the associates	10,220	12,193	25,464	N/A
<i>Reconciliation to the carrying amount of interests in the associates:</i>				
Net assets attributable to the Group's ownership interests in the associates	4,088	4,878	8,912	N/A
Effect of elimination of gain on transfer of intangible assets from the Group to the associate to the extent of the Group's interest therein	(3,270)	(3,815)	—	N/A
Carrying amount of the Group's interests in the associates	818	1,063	8,912	N/A

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 18. AVAILABLE-FOR-SALE INVESTMENTS

	2017 RMB'000	2016 RMB'000
Available-for-sale investments comprise:		
Equity securities listed in Hong Kong measured at fair value	57,507	67,060
Unlisted equity securities, at cost less impairment (Note i)	39,737	33,812
Investments in trust funds, at fair value (Note ii)	120,000	50,006
	<b>217,244</b>	150,878

Notes:

- (i) Amount represents unlisted equity securities issued by private entities established in the PRC. They are measured at cost less impairment at the end of the reporting period because the range of reasonable fair value estimates is so significant that the directors of the Company are of the opinion that the fair value cannot be measured reliably.
- (ii) Amounts represent investments in trust funds made by the Group through security houses. The trust funds invested in ranges of debt instrument products which were generally government bonds and corporate loans.

### 19. OTHER NON-CURRENT ASSETS

	2017 RMB'000	2016 RMB'000
Life insurance products (Note i)	33,731	36,096
Consideration receivable for disposal of subsidiaries (Note ii)	77,000	21,000
Deposit paid for purchase of certain properties	3,042	3,042
	<b>113,773</b>	60,138

Notes:

- (i) In prior years, the Company entered into two life insurance policies ("Policy A" and "Policy B") with an insurance company to insure two executive directors. Under these policies, the beneficiary and policy holder is the Company. The Company is required to pay an upfront payment for each policy. The Company may request a partial surrender or full surrender of the policy at any time and receive cash back based on the value of the policy at the date of withdrawal, which is determined by the gross premium paid at inception plus accumulated guaranteed interest earned and minus insurance premium charged (the "Cash Value"). If such withdrawal is made at any time during the first to the fifteen or eighteenth policy year, as appropriate, a pre-determined specified surrender charge would be imposed on the Company.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 19. OTHER NON-CURRENT ASSETS (Continued)

Notes: (Continued)

(i) (Continued)

At the inception dates, the upfront payment is separated into deposit placed and prepayment of life insurance premium. The prepayment of life insurance premium is amortised to profit or loss over the insured period and the deposit placed is carried at amortised cost using the effective interest method. The insurance company will pay the Company guaranteed interest rates plus a premium determined by the insurance company during the tenures of these policies. The effective interest rate on initial recognition was determined by discounting the estimated future cash receipts through the expected life of the insurance policies, excluding the financial effect of surrender charge.

Particulars of the policies are as follows:

Policy	Insured sum	Upfront payment	Guaranteed interest rates	
			First year	Second year and onward
Policy A	US\$7,557,000 (equivalent to RMB49,005,000)	US\$3,421,000 (equivalent to RMB21,762,000)	4.25% per annum	3% per annum
Policy B	US\$10,000,000 (equivalent to RMB60,961,000)	US\$1,771,000 (equivalent to RMB10,799,000)	4% per annum	2% per annum

The carrying amount of the life insurance products as at 31 December 2017 approximates the Cash Value of the insurance policies and the expected life of the policies remained unchanged from the initial recognition. The entire balance of the life insurance policies is denominated in United States Dollar ("USD"), being a currency other than the functional currency of the relevant group entities.

(ii) The balance of RMB77,000,000 as at 31 December 2017 carries fixed interest at 4.75% per annum, and is repayable in 2022. The balance of RMB21,000,000 as at 31 December 2016 carries fixed interest of 6.4% per annum, and is repayable in June 2018. A piece of land has been pledged to the Group until the full settlement of this balance, and the Group is not permitted to sell the asset in absence of default of the acquirer. This balance is reclassified under current assets as at 31 December 2017.

### 20. INVENTORIES

	2017 RMB'000	2016 RMB'000
Raw materials	183,807	124,112
Work in progress	144,036	84,907
Finished goods	156,636	135,056
	<b>484,479</b>	344,075

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 21. TRADE AND OTHER RECEIVABLES

	2017 RMB'000	2016 RMB'000
Trade and bills receivables, gross	2,383,762	2,562,979
Less: Allowance for doubtful debts (Note i)	(26,624)	(19,692)
Trade and bills receivables, net (Note ii)	2,357,138	2,543,287
Retentions held by trade customers (Note iii)	327,021	284,397
Deposits and prepayments	188,237	254,094
Consideration receivables for disposal of subsidiaries (Note iv)	71,000	—
Loan receivable (Note v)	138,869	—
Other receivables (Note vi)	163,187	178,986
	<b>3,245,452</b>	3,260,764

Notes:

- (i) The entire balance of the allowance for doubtful debts as at 31 December 2016 and 2017 are individually impaired trade receivables which are in severe financial difficulties. Movements in the provision for impairment of trade and bills receivables are as follows:

	RMB'000
At 1 January 2016 and 31 December 2016	19,692
Impairment loss recognised on trade receivables	6,932
At 31 December 2017	26,624

- (ii) Included in the Group's trade receivable is trade balance with an associate of RMB42,559,000 (2016: RMB27,532,000). Due to the nature of business, the settlement terms of trade receivables are based on the achievement of certain milestones of each sales transaction, and, accordingly, the Group generally allows credit periods ranging from 90 days to 365 days to its trade customers, except for certain customers, the credit periods may beyond 365 days. The following is an aged analysis of trade and bills receivables net of allowance for doubtful debts, presented based on the revenue recognition dates at the end of the reporting period:

	2017 RMB'000	2016 RMB'000
0–90 days	995,265	1,430,510
91–180 days	397,833	277,667
181–365 days	402,859	345,692
Over 1 year	561,181	489,418
	<b>2,357,138</b>	2,543,287

Before accepting any new customer, the Group assesses the potential customer's credit quality and defines credit limits by customer. Limits attributed to customers are reviewed regularly. 93% (2016: 93%) of the trade receivables that are neither past due nor impaired have good credit rating.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 21. TRADE AND OTHER RECEIVABLES (Continued)

Notes: (Continued)

(ii) (Continued)

Included in the Group's trade receivable balances are debtors with aggregate carrying amount of RMB167,492,000 (2016: RMB178,050,000) which are past due at the end of the reporting period for which the Group has not provided for impairment loss. The directors consider no deterioration in credit qualities of these debtors and the settlements after the end of the reporting period from those debtors are satisfactory, the directors conclude that no provision for impairment loss is required. The Group does not hold any collateral over these balances. The average age of these receivables is approximately 489 days (2016: 495 days).

Ageing of trade receivables which are past due but not impaired is as follows:

	2017 RMB'000	2016 RMB'000
Days overdue:		
0–90 days	110,351	117,393
91–180 days	5,143	14,377
181–365 days	8,577	10,351
Over 1 year	43,421	35,929
	<b>167,492</b>	178,050

The Group's trade and other receivables denominated in currencies other than functional currency of the relevant group entities are set out as follows:

	2017 RMB'000	2016 RMB'000
Hong Kong dollars ("HKD")	11,723	124
USD	103,296	234,289

- (iii) Included in the retentions held by trade customers is an aggregate amount of RMB97,540,000 (2016: RMB96,510,000) that is expected to be realised after twelve months from the end of the reporting period.
- (iv) Included in the amounts are (a) a balance of RMB21,000,000 as detailed in note 19(ii) and (b) a balance of RMB50,000,000 representing the current portion of the cash consideration for the disposal of Hunan Jiale as detailed in note 29. This amount is subsequently settled in February 2018.
- (v) Upon disposal of 85% equity interest in Hunan Jiale to an independent third party as detailed in note 29, Hunan Jiale will repay a shareholder's loan of RMB138,869,000 and expected to be repaid by June 2018. Two pieces of land from the Buyer (as defined in note 29) has been pledged to the Group in related to the shareholder's loan. As at 31 December 2017, the fair value of the pledged assets, which has been assessed by the management with reference to recent market prices for similar land in similar locations and conditions, is greater than the loan balance. The pledge will be released upon settlement of the loan.
- (vi) The balance includes (i) value-added-tax receivables of RMB74,606,000 (2016: RMB65,818,000) and (ii) an amount of RMB3,630,000 (2016: RMB9,681,000) due from an associate arising from the transferring of certain intangible assets in prior year. The amount due from an associate is unsecured, interest free and is expected to be repaid in 2018 (2016: 2017).

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 22. LOAN RECEIVABLES

	2017 RMB'000	2016 RMB'000
Fixed-rate loan receivables	105,000	205,000

The amounts represent short-term loans advanced by the Group to certain independent third parties under entrusted loan contracts. During the year ended 31 December 2017, an amount of RMB100,000,000 is settled and the maturity day of the remaining amounts of RMB105,000,000 have been extended to October 2018.

These entrusted loans carry fixed interests at 12% (2016: 12%) per annum and are repayable within twelve months from the end of the reporting period.

### 23. PLEDGED BANK DEPOSITS/BANK BALANCES AND CASH

#### (a) Pledged bank deposits

The pledged bank deposits are pledged to banks to secure credit facilities granted to the Group. The deposits were pledged to secure bills payables and short-term bank borrowings and are therefore classified as current assets. The deposits carry fixed interest rate ranging from 0.35% to 1.50% (2016: 0.35% to 2.20%) per annum and will be released upon settlement of the relevant borrowings.

#### (b) Bank balances and cash

Bank balances and cash comprise cash held by the Group and bank balances that carry interest rates ranging from 0.35% to 4.00% (2016: 0.01% to 1.15%) per annum and have original maturity of three months or less, except for an amount of RMB150,000,000 as at 31 December 2016 representing short-term bank deposits with maturity of more than three months and carried interest of market rate ranging from 2.20% to 2.40% per annum.

The Group's bank balances and cash denominated in currencies other than functional currency of the relevant group entities are set out as follows:

	2017 RMB'000	2016 RMB'000
HKD	84,892	11,611
USD	392,552	214,685

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 24. TRADE AND OTHER PAYABLES

The following is an aged analysis of trade and bills payables presented based on the invoice date at the end of the reporting period:

	2017 RMB'000	2016 RMB'000
Trade and bills payables		
0–90 days	1,314,662	1,413,624
91–180 days	534,649	460,745
181–365 days	176,102	87,320
Over 1 year	65,739	38,834
Other payables (Note)	2,091,152	2,000,523
	162,610	165,618
	<b>2,253,762</b>	2,166,141

Note: Included in the balance for the year ended 31 December 2016 was an amount of RMB1,035,000 due to an associate. The amount was non-trade in nature, unsecured, interest free and was repayable on demand.

The Group's trade and other payables denominated in currency other than functional currency of the relevant group entities are set out as follows:

	2017 RMB'000	2016 RMB'000
HKD	2,166	11,031

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 25. BORROWINGS

	2017 RMB'000	2016 RMB'000
Unsecured bank loans and trust receipt loans	<b>908,907</b>	1,095,274

The Group's borrowings are repayable based on repayment schedules as follows:

	2017			2016		
	Fixed-rate borrowings RMB'000	Floating-rate borrowings RMB'000	Total RMB'000	Fixed-rate borrowings RMB'000	Floating-rate borrowings RMB'000	Total RMB'000
Within one year	<b>123,490</b>	<b>717,715</b>	<b>841,205</b>	282,496	250,471	532,967
More than one year, but not exceeding two years	—	<b>66,216</b>	<b>66,216</b>	27,000	389,729	416,729
More than two years, but not exceeding five years	—	<b>1,486</b>	<b>1,486</b>	—	145,578	145,578
	<b>123,490</b>	<b>785,417</b>	<b>908,907</b>	309,496	785,778	1,095,274
Less: Amounts due within one year shown under current liabilities	<b>(123,490)</b>	<b>(717,716)</b>	<b>(841,206)</b>	(282,496)	(250,471)	(532,967)
Amounts due after one year	—	<b>67,701</b>	<b>67,701</b>	27,000	535,307	562,307

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 25. BORROWINGS (Continued)

The variable-rate borrowings carry interest at either the benchmark lending rate offered by the People's Bank of China or London Interbank Offered Rate plus certain percentages. The ranges of effective interest rates (which are also equal to contracted interest rates) on the Group's borrowings are as follows:

	2017	2016
Effective interest rate:		
Fixed-rate borrowings	<b>2.01% to 4.57% per annum</b>	2.65% to 4.35% per annum
Variable-rate borrowings	<b>2.28% to 5.68% per annum</b>	2.02% to 4.35% per annum

At 31 December 2017, borrowings of the Group amounting to RMB5,724,000 (2016: RMB10,257,000) were denominated in USD, being a currency other than the functional currency of the relevant group entities.

At the end of the reporting period, the Group has the following undrawn short-term borrowing facilities:

	2017 RMB'000	2016 RMB'000
Expiring within one year	<b>1,698,156</b>	2,222,129
Expiring over one year	<b>153,453</b>	161,810
	<b>1,851,609</b>	2,383,939



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 26. SHARE CAPITAL

Ordinary shares of HK\$0.01 each:

	<b>Number of shares</b>	<b>Nominal value</b> HK\$'000
<hr/>		
<b>Authorised</b>		
At 1 January 2016, 31 December 2016 and 31 December 2017	100,000,000,000	1,000,000
<hr/>		
	<b>Number of shares</b>	<b>Nominal value</b> RMB'000
<hr/>		
<b>Issued and fully paid</b>		
At 1 January 2016	1,026,881,675	10,180
Share repurchased and cancelled (Note)	(12,000,000)	(102)
<hr/>		
At 31 December 2016	1,014,881,675	10,078
Share repurchased and cancelled (Note)	(10,160,000)	(90)
<hr/>		
At 31 December 2017	1,004,721,675	9,988
<hr/>		

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 26. SHARE CAPITAL (Continued)

Note:

The Company repurchased its own shares through the Stock Exchange as follows:

#### Year ended 31 December 2017

Month of repurchase	Number of ordinary shares of HK\$0.01 each of the Company	Price per share		Aggregate consideration paid RMB'000
		Highest HK\$	Lowest HK\$	
March 2017	4,160,000	4.20	4.01	14,932
April 2017	6,000,000	4.08	3.81	20,667
	<b>10,160,000</b>			<b>35,599</b>

#### Year ended 31 December 2016

Month of repurchase	Number of ordinary shares of HK\$0.01 each of the Company	Price per share		Aggregate consideration paid RMB'000
		Highest HK\$	Lowest HK\$	
February 2016	6,000,000	4.09	3.13	17,244
April 2016	4,000,000	4.08	3.91	13,603
May 2016	2,000,000	3.95	3.89	6,636
	<b>12,000,000</b>			<b>37,483</b>

The above ordinary shares were cancelled upon repurchase.

None of the Company's subsidiaries purchased, sold or redeemed any of the Company's listed securities during the year.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 27. DEFERRED TAXATION

The following is the deferred tax liability recognised by the Group and movements thereon during the current and prior years:

	<b>Fair value adjustments of prepaid lease payments and property, plant and equipment arising on business combination</b>	<b>Fair value adjustments of intangible assets on business combinations</b>	<b>Total</b>
	RMB'000	RMB'000	RMB'000
At 1 January 2016	—	18,463	18,463
Credit to profit or loss			
— release upon amortisation of intangible assets	—	(1,317)	(1,317)
At 31 December 2016	—	17,146	17,146
Acquisition of subsidiaries (note 28)	1,169	—	1,169
Credit to profit or loss			
— release upon amortisation of intangible assets	—	(1,063)	(1,063)
At 31 December 2017	1,169	16,083	17,252

As at 31 December 2017, the Group had unused tax losses of RMB124,619,000 (2016: RMB112,136,000) available for offset against future profit. No deferred tax asset has been recognised in respect of any of the tax losses due to the unpredictability of future profit streams. The tax losses may be carried forward for a period of five years from the respective year of assessment.

Under the EIT Law of the PRC, withholding tax is imposed on dividends declared in respect of profits earned by the PRC subsidiaries from 1 January 2008 onwards. Deferred taxation has not been provided for in the consolidated financial statements in respect of temporary differences attributable to accumulated profits of the PRC subsidiaries amounting to approximately RMB2,015 million (2016: RMB1,807 million) as the Group is able to control the timing of the reversal of the temporary differences and it is probable that the temporary differences will not reverse in the foreseeable future.

There was no other significant unprovided deferred taxation for the year or at the end of the reporting period.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 28. ACQUISITION OF SUBSIDIARIES

In May 2017, the Group completed its acquisition of 31.413% equity interest in Zhuhai Zhonghui Microelectronics Co. Ltd. ("Zhuhai Zhonghui") and its subsidiaries, a former 18.64% held available-for-sale investment of the Group, from certain independent third parties and connected persons at an aggregate consideration of RMB32,701,000. Upon completion of the acquisition, the Group owns a total equity interest of 50.053% in Zhuhai Zhonghui and Zhuhai Zhonghui becomes a non wholly-owned subsidiary of the Group. Further details of the transaction are set out in the Company's announcement dated 13 February 2017.

Zhuhai Zhonghui is a company established in the PRC which principally engaged in the design and development, manufacture and sale of integrated circuits, intelligent instrument communication and measurement solutions.

	RMB'000
<b>Consideration transferred:</b>	
Cash	32,701
Available-for-sale investment (Note i)	19,404
	52,105
<b>Fair value of assets acquired and liabilities recognised at the date of acquisition:</b>	
Property, plant and equipment	28,122
Prepaid lease payment	5,540
Other intangible assets	3,217
Trade and other receivables	102,137
Inventories	48,800
Bank balances and cash	18,213
Trade and other payables	(84,295)
Deferred tax liability	(1,169)
	120,565
<b>Bargain purchase gain arising on the acquisition (Note ii):</b>	
Consideration transferred	52,105
Plus : non-controlling interests (Note iii)	60,219
Less : net assets acquired	(120,565)
	(8,241)
<b>Net cash outflow arising from the acquisition:</b>	
Cash consideration paid	(32,701)
Bank balances and cash acquired	18,213
	(14,488)

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 28. ACQUISITION OF SUBSIDIARIES (Continued)

Notes:

- (i) The previously held interest in Zhuhai Zhonghui was remeasured at fair value at the date of acquisition and the resulting loss of RMB3,670,000 was recognised in other gains and losses (see Note 7).
- (ii) The introduction of the Group as the new controlling shareholder of Zhuhai Zhonghui was expected to strengthen its capital base, meet its working capital requirements and facilitate its future business development and expansion. In the opinion of the directors of the Company, the above are the key factors leading to the recognition of a bargain purchase gain of RMB8,241,000.
- (iii) The non-controlling interests recognised at the acquisition date were measured with reference to the non-controlling interest's proportionate share of fair values of the net assets at that date.
- (iv) The aggregate acquisition-related costs amounting to RMB106,000 have been excluded from the consideration transferred and have been recognised as an expense during the year ended 31 December 2017, within the administrative expenses line item in the consolidated statement of profit or loss and other comprehensive income.
- (v) In November 2017, the Group acquired from the non-controlling interests an additional 44.13% equity interest in Zhuhai Zhonghui at a consideration of RMB52,212,000. The Group accounts for changes in the ownership interests in existing subsidiaries that do not result in the Group losing control over those subsidiaries as equity transaction as detailed in Note (v) of the consolidated statement of changes in equity.
- (vi) Included in the profit for the year ended 31 December 2017 were revenue of RMB141,911,000 and profit of RMB7,757,000 attributable to the additional business generated by Zhuhai Zhonghui and its subsidiaries.

Had the acquisition been completed on 1 January 2017, total group revenue for the year ended 31 December 2017 would have been RMB3,015,972,000, and profit for the year would have been RMB345,208,000. The pro forma information is for illustrative purposes only and is not necessarily an indication of revenue and results of operations of the Group that actually would have been achieved had the acquisition been completed on 1 January 2017, nor is it intended to be a projection of future results.

### 29. DISPOSAL OF SUBSIDIARIES

#### Year ended 31 December 2017

On 28 June 2017, the Group completed the disposal of 85% equity interest in Hunan Jiale to an independent third party (the "Buyer") for a deferred cash consideration of RMB187,000,000, and Hunan Jiale will repay a shareholder's loan of RMB138,869,000 owing to the Group by June 2018. Following the completion of the disposal, the Group retains 15% equity interest in Hunan Jiale as an available-for-sale investment.

Out of the total amount of deferred cash consideration of RMB187,000,000, an amount of RMB110,000,000 is repayable within one year, and the remaining amount of RMB77,000,000 carries fixed interest at 4.75% per annum and is repayable in 2022.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 29. DISPOSAL OF SUBSIDIARIES (Continued)

#### Year ended 31 December 2017 (Continued)

The management has assessed the ultimate realisation of these consideration receivables by considering the financial conditions and the current creditworthiness of the Buyer and Hunan Jiale, and the subsequent settlement of the deferred cash consideration. Up to the date of approving these consolidated financial statements, total amount of RMB110,000,000 is settled from the Buyer and two pieces of land from the Buyer is pledged to the Group. The directors of the Company are in the opinion that there is no recoverability problem for the consideration receivables and the shareholder's loan.

The net assets of Hunan Jiale at the date on which control was lost were as follows:

	RMB'000
<b>Consideration:</b>	
Cash received	60,000
Deferred cash consideration	
— non-current	77,000
— current (included in other receivables)	50,000
Available-for-sale investment	33,000
	<b>220,000</b>
<b>Analysis of assets and liabilities over which control was lost:</b>	
Property, plant and equipment	4
Prepaid lease payment	257,519
Bank balances and cash	767
Other payables	(141,584)
Net assets disposed of	<b>116,706</b>
<b>Gain on disposal:</b>	
Consideration	220,000
Net assets disposed of	(116,706)
Gain on disposal	<b>103,294</b>
<b>Net cash inflow arising from the disposal:</b>	
Cash received	60,000
Less: bank balances and cash disposed of	(767)
	<b>59,233</b>

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 29. DISPOSAL OF SUBSIDIARIES (Continued)

#### Year ended 31 December 2016

On 13 September 2016, the Group completed the disposal of 100% of the equity interest in Hunan Lineng Technology Co., Ltd. ("Lineng Technology") to an independent third party for a consideration of RMB10,000,000 for the future development strategy of the Group.

The net assets of Lineng Technology at the date on which control was lost were as follows:

	RMB'000
<b>Analysis of assets and liabilities over which control was lost:</b>	
Property, plant and equipment	28
Goodwill	2,618
Inventories	2,787
Trade and other receivables	3,761
Bank balances and cash	1,346
Trade and other payables	(1,280)
Net assets disposed of	9,260
<b>Gain on disposal of a subsidiary:</b>	
Consideration received	10,000
Net assets disposed of	(9,260)
Gain on disposal	740
<b>Cash outflow arising from the disposal:</b>	
Bank balances and cash disposed of	(1,346)

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 30. RELATED PARTY DISCLOSURES

#### (a) Transactions

Relationship	Transaction	2017 RMB'000	2016 RMB'000
An associate	Sales of goods by the Group	95,345	29,226
	Rental income received by the Group	474	474

#### (b) Balances

The balances with an associate as at 31 December 2017 and 2016 are set out in notes 21 and 24.

#### (c) The remuneration of key management (including the directors) during the year were as follows:

	2017 RMB'000	2016 RMB'000
Short-term benefits	5,497	6,132
Retirement benefit scheme contributions	146	146
	5,643	6,278

The remuneration of key management is determined by the remuneration committee of the Company having regard to the performance of individuals and market trends.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 31. SHARE-BASED PAYMENT TRANSACTIONS

#### Share option scheme

The Company's share option scheme (the "Scheme") was adopted for the purpose of providing incentives and rewards to eligible participants for their contribution to the Group and/or to enable the Group to recruit and retain high-calibre employees and attract human resources that are valuable to the Group and any entity in which the Group holds any equity interest ("Invested Entity"). Eligible participants of the Scheme include directors and employees of the Company, its subsidiaries or any Invested Entity, suppliers and customers of the Group or any Invested Entity, any person or entity that provides research, development or other technological support to the Group or any Invested Entity, and any shareholder of any members of the Group or any Invested Entity or any holder of any securities issued by any members of the Group or any Invested Entity. The Scheme became effective on 26 November 2005 and, unless otherwise terminated or amended, will remain in force for 10 years.

The total number of shares which may be issued upon exercise of all share options to be granted under the Scheme and any other share option schemes of the Group must not in aggregate exceed 10% of the Company's shares in issue as at the first date of listing. The limit may be increased to 10% of the then issued share capital of the Company from time to time upon shareholders' approval at a general meeting of the shareholders. The maximum number of shares which may be issued upon exercise of all outstanding share options granted and yet to be exercised under the Scheme and any other share option schemes adopted by the Group shall not exceed such number of Company's shares as equal to 30% of the issued share capital of the Company from time to time. The number of shares in respect of which options may be granted to any individual in any one year is not permitted to exceed 1% of the shares of the Company in issue at any point in time unless prior approval has been obtained from the Company's shareholders. Options granted to substantial shareholders or independent non-executive directors in excess of 0.1% of the Company's share capital or with a value in excess of HK\$5 million must be approved in advance by the Company's shareholders.

Options granted must be taken up within 30 days of the date of grant, upon payment of HK\$1 per option. Options may be exercised at any time from the date of grant of the share option to the 10th anniversary of the date of grant. There is no minimum period for which an option must be held before the exercise of the subscription right attaching hereto except otherwise imposed by the board of directors. The exercise price is specified in the rules governing the share option scheme and shall not be lower than the highest of the official closing price of the ordinary shares of the Company on the Stock Exchange on the date of the offer of grant of options, the average of the official closing price of the ordinary shares on the Stock Exchange for the five trading days immediately preceding the date of the grant of the options and the nominal value of an ordinary share of the Company.

As at 31 December 2017, the number of shares in respect of which options had been granted and remained outstanding under the Scheme was 18,000,000 (2016: 18,000,000), representing approximately 1.8% (2016: 1.8%) of the then issued share capital of the Company.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 31. SHARE-BASED PAYMENT TRANSACTIONS (Continued)

#### Share option scheme (Continued)

The following table discloses movements of the Company's share options held by directors, employees and consultants during the current and prior year under the Scheme:

Category	Date of grant	Vesting period	Exercisable period	Exercise price HK\$	Outstanding at 1.1.2016	Exercised		Exercise	
						during the year	Outstanding at 31.12.2016	during the year	Outstanding at 31.12.2017
Employees/Consultants	10.2.2014	10.2.2014 to 9.2.2016	10.2.2016 to 9.2.2024	4.680	9,000,000	—	9,000,000	—	9,000,000
	10.2.2014	10.2.2014 to 9.2.2017	10.2.2017 to 9.2.2024	4.680	9,000,000	—	9,000,000	—	9,000,000
Total					18,000,000	—	18,000,000	—	18,000,000
Exercisable at year end					9,000,000		18,000,000		18,000,000
Weighted average exercise price (HK\$)					4.680	N/A	4.680	N/A	4.680

For the year ended 31 December 2016, the weighted average closing price of the Company's shares immediately before the dates on which the options were exercised was HK\$11.98.

Share-based payment expenses amounted to RMB572,000 (2016: RMB5,816,000) has been recognised in profit or loss for the year ended 31 December 2017.

#### Share award scheme

The Company's share award scheme (the "Share Award Scheme") was adopted pursuant to a resolution passed on 3 May 2016. Pursuant to the Share Award Scheme under which eligible employees are entitled to participate. The purpose of the Share Award Scheme is to recognise the contributions by certain employees and to provide them with incentives in order to retain them for the continual operation and development of the Group and also to attract suitable personnel for further development of the Group. The Share Award Scheme became effective on 3 May 2016 and, unless otherwise terminated or amended, will remain in force for 10 years.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 31. SHARE-BASED PAYMENT TRANSACTIONS (Continued)

#### Share award scheme (Continued)

The Share Award Scheme is operated through a trustee which is independent of the Group and has the right to, among other conditions, in its sole discretion, determine whether the shares are to be purchased on or off the Stock Exchange from time to time, unless during the year at which the directors of the Company are prohibited by the Listing Rules or any corresponding codes or securities dealing restrictions adopted by the Company. In any given financial year of the Company, the maximum number of shares to be purchased by the trustee for the purpose of the Share Award Scheme shall not exceed 10% of the total number of issued shares as at the beginning of that financial year.

The directors would notify the trustee of the Share Award Scheme in writing upon the making of any award to any participants. Upon the receipt of such notice, the trustee would set aside the appropriate number of awarded shares in the pool of shares. No new shares would be allotted and issued to satisfy the awards made under the Share Award Scheme.

During the year ended 31 December 2016, 7,500,000 ordinary shares of the Company have been acquired at an aggregate cost of HK\$29,681,000 (equivalent to RMB25,119,000). As at 31 December 2017 and 2016, no participant has been awarded any share under the Share Award Scheme and 7,500,000 ordinary shares of the Company were held by trustee of the Share Award Scheme.

### 32. CAPITAL RISK MANAGEMENT

The Group manages its capital to ensure that entities in the Group will be able to continue as a going concern while maximising the return to shareholders through the optimisation of the debt and equity balance. The Group's overall strategy remains unchanged from prior year.

The capital structure of the Group consists of debt, which includes the borrowings disclosed in note 25 and equity attributable to owners of the Company, comprising issued share capital, various reserves and retained profits as disclosed in the consolidated statement of changes in equity.

The directors of the Company review the capital structure on a regular basis. As part of this review, the directors consider the cost of capital and the risks associated with each class of capital. Based on the recommendations of the directors, the Group will balance its overall capital structure through the payment of dividends, new share issues and share buy-backs as well as the issue of new debt or the redemption of existing debt.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS

#### (a) Categories of financial instruments

	2017 RMB'000	2016 RMB'000
<b>Financial assets</b>		
<i>Loans and receivables:</i>		
Other non-current assets	109,057	55,318
Trade and other receivables	2,980,278	2,932,947
Loan receivables	105,000	205,000
Pledged bank deposits	273,099	183,297
Bank balances and cash	1,243,892	940,016
	<b>4,711,326</b>	4,316,578
<i>Available-for-sale financial assets:</i>		
Available-for-sale investments	217,244	150,878
<b>Financial liabilities</b>		
<i>Financial liabilities at amortised cost:</i>		
Trade and other payables	2,139,260	2,074,059
Borrowings	908,907	1,095,274
	<b>3,048,167</b>	3,169,333

#### (b) Financial risk management objectives and policies

The Group's major financial instruments include available-for-sale investments, the deposit component of the life insurance products, consideration receivables for disposal of subsidiaries, trade and other receivables, loan receivables, pledged bank deposits, bank balances and cash, trade and other payables and borrowings. Details of the financial instruments are disclosed in respective notes. The risks associated with these financial instruments include market risk (currency risk, interest rate risk and equity price risk), credit risk and liquidity risk. The policies on how to mitigate these risks are set out below. The management manages and monitors these exposures to ensure appropriate measures are implemented on a timely and effective manner. There has been no change to the policies on how to mitigate these risks.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (b) Financial risk management objectives and policies (Continued)

##### Market risk

##### (i) Currency risk

The Group mainly operates in the PRC with most of the transactions denominated and settled in RMB, the functional currency of the relevant group entities. Certain entities in the Group have foreign currencies transactions, trade and other receivables, life insurance products, bank balances and cash, trade and other payables and borrowings which expose the Group to foreign currency risk.

The carrying amounts of the Group's foreign currency denominated monetary assets and monetary liabilities at the end of the reporting period are as follows:

	Assets		Liabilities	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
HKD	50,976	11,736	625,780	11,031
USD	527,399	483,293	5,931	10,257
	<b>578,375</b>	495,029	<b>631,711</b>	21,288

One of the Group's subsidiaries, Gam Sheng Macao Commercial Offshore Limited, of which its functional currency is USD, has an aggregate amount of intra-group receivables of RMB9,999,000 (2016: RMB9,634,000) which are denominated in RMB as at 31 December 2017.

##### Sensitivity analysis

The Group's foreign currency risk is mainly concentrated on the fluctuation of HKD and USD.

The following table details the Group's sensitivity to a 5% increase and decrease in RMB against the relevant foreign currencies. 5% is the sensitivity rate used which represents management's assessment of the reasonably possible change in foreign exchange rates. The sensitivity analysis adjusts their translation at the end of the reporting period for a 5% change in foreign currency rates. A (negative) positive number below indicates a (decrease) increase in profit where RMB strengthen 5% against the relevant foreign currencies. For a 5% weakening of RMB against the relevant foreign currencies, there would be an equal and opposite impact on the profit for the year.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (b) Financial risk management objectives and policies (Continued)

##### Market risk (Continued)

##### (i) Currency risk (Continued)

Sensitivity analysis (Continued)

	HKD		USD	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
Increase (decrease) in post-tax profit for the year	28,740	(35)	(19,555)	(17,739)

In management's opinion, the sensitivity analysis is unrepresentative of the inherent foreign exchange risk as the year end exposure does not reflect the exposure during the year.

##### (ii) Interest rate risk

The Group is exposed to cash flow interest rate risk in relation to variable-rate bank balances (see note 23(b)) and floating-rate borrowings (see note 25). Management monitors interest rate exposure and will consider hedging significant interest rate exposure should the need arise.

The Group is also exposed to fair value interest rate risk in relation to consideration receivable for disposal of subsidiaries (see notes 19 and 21), fixed-rate loan receivables (see note 22), pledged bank deposits (see note 23(a)) and fixed-rate borrowings (see note 25).

The Group's exposures to interest rates on financial liabilities are detailed in the liquidity risk management section of this note.

The Group's cash flow interest rate risk is mainly concentrated on the fluctuation of the benchmark lending rate offered by the People's Bank of China and London Interbank Offered Rate arising from the Group's bank balances, RMB borrowings and USD borrowings.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (b) Financial risk management objectives and policies (Continued)

##### Market risk (Continued)

##### (ii) Interest rate risk (Continued)

###### Sensitivity analysis

The sensitivity analyses below have been determined based on the exposure to interest rates of bank balances and borrowings. The analysis is prepared assuming the amount of the outstanding at the end of the reporting period was outstanding for the whole year. A 10 basis points (2016: 10 basis points) increase or decrease for bank balances and 50 basis points (2016: 50 basis points) for borrowings are used and represent management's assessment of the reasonably possible change in interest rates for the year ended 31 December 2017.

If interest rates had been 10 or 50 basis points higher/lower, as appropriate, and all other variables were held constant, the Group's post-tax profit for the year ended 31 December 2017 would decrease/increase by RMB2,587,000 (2016: RMB2,869,000). This is mainly attributable to the Group's exposure to interest rates on its bank balances and floating-rate borrowings.

##### (iii) Equity price risk

The Group is exposed to equity price risk through its equity securities listed in Hong Kong and investment in trust fund, which are accounted for as available-for-sale investments (see note 18). The Group's equity price risk is mainly concentrated on equity instrument which operates in the public utility service provider industry sector quoted on the Stock Exchange and the underlying debt securities of the trust fund. The management is closely monitoring the equity price risk and will consider hedging the risk exposure should the need arise.

###### Sensitivity analysis

The sensitivity analysis below have been determined based on the exposure to equity price risk at the end of the reporting period. For the year ended 31 December 2017, if the prices of the equity instrument and unlisted trust fund had been 5% higher/lower, investment revaluation reserve would increase/decrease by RMB8,875,000 (2016: RMB5,853,000) as a result of the changes in fair value of the equity instrument and unlisted trust fund held by the Group. In the management's opinion, the sensitivity analysis is unrepresentative of the inherent equity price risk as the year end exposure does not reflect the exposure during the year.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (b) Financial risk management objectives and policies (Continued)

##### Credit risk

As at 31 December 2017, the Group's maximum exposure to credit risk which will cause a financial loss to the Group due to failure to discharge an obligation by the counterparties provided by the Group is arising from the carrying amount of the respective recognised financial assets as stated in the consolidated statement of financial position.

In order to minimise the credit risk, the management of the Group has delegated a team responsible for determination of credit limits, credit approvals and other procedures (including frequent communication with customers for monitoring the progress towards each milestone for debt collection) to ensure that follow-up action is taken to recover overdue debts. In addition, the Group reviews the recoverable amount of each individual trade and other debt at the end of the reporting period to ensure that adequate impairment losses are made for irrecoverable amounts. In this regard, the directors of the Company consider that the Group's credit risk is significantly reduced.

The credit risk on liquid funds is limited because the counterparties are banks with good reputation.

The Group has concentration of credit risk on liquid funds, which are deposited with several banks with good reputation. The loan receivables disclosed in note 22 are also concentrated in certain independent third parties, and the directors consider the credit risk is significantly reduced as the amounts are pledged by certain assets of the borrowers. Other than the above, the Group does not have any other significant concentration of credit risk.

The Group's concentration of credit risk by geographical locations is mainly in the PRC, which accounted for 96% (2016: 91%) of the total trade receivables at the end of the reporting period.



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (b) Financial risk management objectives and policies (Continued)

##### Liquidity risk

In management of the liquidity risk, the Group monitors and maintains a level of cash and cash equivalents considered adequate by the management to finance the Group's operations and mitigate the effects of fluctuations in cash flows. The management monitors the utilisation of borrowings and ensures compliance with loan covenants.

The following table details the Group's remaining contractual maturity for its financial liabilities based on the agreed repayment terms. The table for non-derivative financial liabilities has been drawn up based on the undiscounted cash flows of financial liabilities based on the earliest date on which the Group can be required to pay. The table includes both interest and principal cash flows. To the extent that interest flows are floating rate, the undiscounted amount is derived from interest rate curve at the end of the reporting period.

##### Liquidity risk tables

	Weighted average interest rate	Less than 90 days RMB'000	91 to 180 days RMB'000	181 to 365 days RMB'000	1 to 2 years RMB'000	2 to 5 years RMB'000	Total undiscounted cash flows RMB'000	Carrying amount at 31 December 2017 RMB'000
<b>2017</b>								
<i>Non-derivative financial liabilities</i>								
Trade and other payables	—	1,456,850	491,624	86,426	104,360	—	2,139,260	2,139,260
Borrowings	3.67%	426,994	110,049	321,908	71,592	1,671	932,214	908,907
		<b>1,883,844</b>	<b>601,673</b>	<b>408,334</b>	<b>175,952</b>	<b>1,671</b>	<b>3,071,474</b>	<b>3,048,167</b>
	Weighted average interest rate	Less than 90 days RMB'000	91 to 180 days RMB'000	181 to 365 days RMB'000	1 to 2 years RMB'000	2 to 5 years RMB'000	Total undiscounted cash flows RMB'000	Carrying amount at 31 December 2016 RMB'000
<b>2016</b>								
<i>Non-derivative financial liabilities</i>								
Trade and other payables	—	1,445,445	451,120	137,763	39,731	—	2,074,059	2,074,059
Borrowings	3.25%	217,384	213,513	111,210	443,400	159,937	1,145,444	1,095,274
		<b>1,662,829</b>	<b>664,633</b>	<b>248,973</b>	<b>483,131</b>	<b>159,937</b>	<b>3,219,503</b>	<b>3,169,333</b>

The amounts included above for variable interest rate instruments for non-derivative financial liabilities are subject to change in variable interest rates differ to those estimates of interest rates determined at the end of the reporting period.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 33. FINANCIAL INSTRUMENTS (Continued)

#### (c) Fair value measurements of financial instruments

##### (i) Fair value of financial instruments that are measured at fair value on a recurring basis

Some of the Group's financial assets are measured at fair value at the end of the reporting period. The following table gives information about how the fair values of these financial assets are determined (in particular, the valuation technique(s) and inputs used), as well as the level of the fair value hierarchy into which the fair value measurements are categorised (levels 1 to 3 as set out in note 3) based on the degree to which the inputs to the fair value measurements is observable.

In estimating the fair value of an asset or a liability, the Group uses market-observable data to the extent it is available. In the level 2 fair value measurements, the Group derived the inputs other than quoted prices included within level 1 that are observable for the assets or liability, either directly or indirectly with reference to the market information.

Set out below is the information about how the fair values of the Group's financial instruments that are measured at fair value are determined, including the valuation techniques and inputs used:

	Fair value as at 31 December		Fair value hierarchy
	2017 RMB'000	2016 RMB'000	
<b>Financial asset</b>			
Available-for-sale investments:			
Equity securities listed in Hong Kong (note 18)	57,507	67,060	Level 1
Investments in trust funds, at fair value (note 18)	120,000	50,006	Level 2

The fair value of the equity securities listed in Hong Kong was based on quoted bid prices in an active market.

The fair value of the trust funds were based on the redemption price provided by the fund manager, which was based on net assets value of the funds.

(ii) There were no significant changes in the business or economic circumstances that affect the fair value of the Group's financial assets or any reclassification of financial assets in the year.

##### (iii) Fair value of financial instruments that are recorded at amortised cost

The directors of the Company consider that the carrying amounts of financial assets and financial liabilities recorded at amortised cost in the consolidated financial statements approximate their fair values at the end of the reporting period, except for the available-for-sale investments measured at cost less impairment, of which the directors of the Company are of the opinion that the fair value cannot be measured reliably because the range of reasonable fair value estimates is so significant.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 34. RECONCILIATION OF LIABILITIES ARISING FROM FINANCING ACTIVITIES

The table below details changes in the Group's liabilities arising from financing activities, including both cash and non-cash changes. Liabilities arising from financing activities are those for which cash flows were, or future cash flows will be, classified in the Group's consolidated statement of cash flows as cash flows from financing activities.

	<b>Bank borrowings</b>	<b>Dividend payable</b>	<b>Total</b>
	RMB'000	RMB'000	RMB'000
At 1 January 2017	1,095,274	—	1,095,274
Financing cash flows	(163,891)	(204,071)	(367,962)
Foreign exchange translation	(22,476)	—	(22,476)
Declaration of dividend	—	204,071	204,071
At 31 December 2017	908,907	—	908,907

### 35. CAPITAL COMMITMENTS

	<b>2017</b>	2016
	<b>RMB'000</b>	RMB'000
Capital expenditure contracted for but not provided in the consolidated financial statements in respect of		
— acquisition of property, plant and equipment	<b>23,716</b>	22,251
— additions of construction in progress	<b>530</b>	530
	<b>24,246</b>	22,781

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 36. OPERATING LEASES

#### (a) The Group as lessee

	<b>2017</b>	2016
	<b>RMB'000</b>	RMB'000
Minimum lease payments paid under operating leases during the year in respect of rented premises	<b>7,406</b>	6,868

At the end of the reporting period, the Group has commitments for future minimum lease payments for rented premises under non-cancellable operating leases which fall due as follows:

	<b>2017</b>	2016
	<b>RMB'000</b>	RMB'000
Within one year	<b>2,416</b>	4,172
In the second to fifth year inclusive	<b>678</b>	2,498
	<b>3,094</b>	6,670

Operating lease payments represent rentals payable by the Group for certain of its premises. Leases are negotiated for a term ranging from one to five years with fixed rentals.

#### (b) The Group as lessor

Property rental income earned during the year was RMB1,491,000 (2016: RMB1,678,000). Certain properties held have committed tenants for the next three years (2016: three years).

At the end of the reporting period, the Group had contracted with tenants for the following future minimum lease payments:

	<b>2017</b>	2016
	<b>RMB'000</b>	RMB'000
Within one year	<b>1,398</b>	1,161
In the second to fifth year inclusive	<b>1,374</b>	2,455
	<b>2,772</b>	3,616

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 37. RETIREMENT BENEFIT PLANS

The employees employed in the PRC are members of the state-managed retirement benefit schemes operated by the PRC government. The PRC subsidiaries are required to contribute a certain percentage of their payroll to the retirement benefit schemes to fund the benefits. The only obligation of the Group with respect to the retirement benefit schemes is to make the required contributions under the schemes.

The Group also operates a Mandatory Provident Fund Scheme ("MPF Scheme") for all its qualifying employees in Hong Kong. The assets of the MPF Schemes are held separately from those of the Group, in funds under the control of trustees. Under the rule of the MPF Scheme, the employer and its employees are each required to make contributions to the MPF Scheme at rate specified in the rules.

The total cost of RMB18,967,000 (2016: RMB18,601,000) charged to profit or loss represents contribution paid or payable to the above retirement benefit plans by the Group for the year.

At the end of the reporting period, the Group had no significant obligation apart from the contribution as stated above.

### 38. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY

Details of the Company's principal subsidiaries at 31 December 2017 and 2016 are as follows:

Name of subsidiary	Place of incorporation or registration/ operation	Paid up/ issued/ registered capital	Proportion of nominal value of issued/registered capital held by the Company				Principal activities
			Directly		Indirectly		
			2017	2016	2017	2016	
Oceanbase Group Limited	BVI/ Hong Kong	US\$1,000,000	100%	100%	—	—	Investment holding
Power Well Creation Limited	Hong Kong	HK\$2	100%	100%	—	—	Investment holding
Weisheng Energy Industrial Technology Co., Ltd. ("Weisheng Energy") (Note i)	The PRC	RMB200,000,000 (2016: RMB50,000,000)	—	—	100%	100%	Development, manufacturing and sale of energy saving products
Changsha Weisheng Import and Export Trading Company Limited ("Weisheng Import and Export") (Note ii)	The PRC	RMB10,000,000	—	—	100%	100%	Trading of power meters
Willfar Information Technology Company Limited ("Willfar Information Technology") (Formerly known as Hunan Wasion Information Technology Company Limited) (Note i)	The PRC	RMB450,000,000 (2016: RMB270,000,000)	—	—	65%	100%	Development, manufacturing and sale of power meters, data collection terminals and related services

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 38. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY (Continued)

Name of subsidiary	Place of incorporation or registration/ operation	Paid up/ issued/ registered capital	Proportion of nominal value of issued/registered capital held by the Company				Principal activities
			Directly		Indirectly		
			2017	2016	2017	2016	
Changsha Vitae Plastic Technology Co., Ltd ("Vitae") (Note iii)	The PRC	RMB20,000,000	—	—	100%	100%	Development, manufacturing and sale of parts of power meters, data collection terminals and related services
Gam Sheng Macao Commercial Offshore Limited	Macao	MOP1,000,000	—	—	100%	100%	Trading of electronic components
Hunan Weike Power Meters Company Limited ("Hunan Weike") (Note i)	The PRC	HK\$100,000,000	—	—	100%	100%	Development, manufacturing and sale of power meters
Hunan Weiming Technology Co., Ltd. ("Hunan Weiming") (Note i)	The PRC	RMB50,000,000	—	—	65%	100%	Development, manufacturing and sale of water, gas and heat meters
Wasion Electric Limited ("Wasion Electric") (Note iii)	The PRC	RMB300,000,000 (2016: RMB200,000,000)	—	—	100%	100%	Development, manufacturing and sale of smart distribution devices
Wasion Group Limited ("Changsha Weisheng") (Note iii)	The PRC	RMB1,480,000,000 (2016: RMB1,209,900,000)	—	—	100%	100%	Development, manufacturing and sale of power meters
Wasion Technology Shenzhen Company Limited ("Wasion Shenzhen") (Note ii)	The PRC	RMB10,000,000	—	—	100%	100%	Trading of power meters
Hunan Switchgear Co. Ltd. ("Hunan Switchgear") (Note ii)	The PRC	RMB100,000,000	—	—	65%	65%	Development, manufacturing and sale of switchgears
Zhuhai Zhonghui Microelectronics Co., Ltd ("Zhuhai Zhonghui") (Note iii)	The PRC	RMB34,700,000	—	—	94%	—	Development, manufacturing and sale of power meters (Note iv)

Notes:

- (i) Weisheng Energy, Willfar Information Technology, Hunan Weike and Hunan Weiming are sino-foreign enterprises.
- (ii) Weisheng Import and Export, Wasion Shenzhen and Hunan Switchgear are limited liability companies established in the PRC.
- (iii) Vitae, Wasion Electric, Changsha Weisheng, and Zhuhai Zhonghui are wholly foreign owned enterprises established in the PRC.
- (iv) Zhuhai Zhonghui was a 19% held available for sale investment as at 31 December 2016.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 38. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY (Continued)

The above table lists the subsidiaries of the Group which, in the opinion of the directors, principally affected the results or assets of the Group. To give details of other subsidiaries would, in the opinion of the directors, result in particulars of excessive length.

None of the subsidiaries had issued any debt securities at the end of the reporting period.

#### Details of non-wholly owned subsidiaries that have material non-controlling interests

The table below shows details of non-wholly owned subsidiaries of the Group that have material non-controlling interests:

Name of subsidiary	Place of registration and principal place of business	Proportion of ownership interest and voting rights held by non-controlling interest		Profit (loss) allocated to non-controlling interests		Accumulated non-controlling interests	
		2017	2016	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
Willfar Information Technology	The PRC	35%	N/A (Note i)	34,349	N/A (Note i)	459,903	N/A (Note i)
Hunan Switchgear	The PRC	35%	35%	N/A (Note ii)	656	N/A (Note ii)	23,302
Individually immaterial subsidiaries with non-controlling interests				1,872	(16)	33,975	5,793
				36,221	640	493,878	29,095

Notes:

(i) Willfar Information Technology was a wholly owned subsidiary for the year ended 31 December 2016.

(ii) The directors of the Company assessed the non-controlling interests of Hunan Switchgear as immaterial for the year ended 31 December 2017.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 38. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY (Continued)

#### Details of non-wholly owned subsidiaries that have material non-controlling interests (Continued)

Summarised financial information in respect of the Group's subsidiary that has material non-controlling interests is set out below. The summarised financial information below represents amounts before intragroup eliminations.

	Willfar Information Technology		Hunan Switchgear	
	2017 RMB'000	2016 RMB'000	2017 RMB'000	2016 RMB'000
Current assets	1,248,919	N/A	N/A	165,121
Non-current assets	502,064	N/A	N/A	50,217
Current liabilities	(432,739)	N/A	N/A	(146,764)
Non-current liabilities	(4,235)	N/A	N/A	(1,815)
Equity attributable to owners of the Company	1,306,698	N/A	N/A	66,759
Non-controlling interests of the non-wholly owned subsidiary	459,903	N/A	N/A	23,302
Non-controlling interest of the subsidiaries of the non-wholly owned subsidiary	7,311	N/A	N/A	—
Revenue	962,633	N/A	N/A	104,577
Profit and total comprehensive income for the year	67,044	N/A	N/A	1,876
Profit and total comprehensive income attributable to owners of the Company	32,695	N/A	N/A	1,220
Profit and total comprehensive income attributable to the non-controlling interests	34,349	N/A	N/A	656
Profit and total comprehensive income for the year	67,044	N/A	N/A	1,876



## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 39. STATEMENT OF FINANCIAL POSITION AND RESERVES OF THE COMPANY

	2017 RMB'000	2016 RMB'000
Non-current assets		
Investments in subsidiaries	1,196,815	210,612
Other non-current assets	33,731	36,096
	<b>1,230,546</b>	246,708
Current assets		
Other receivables	137,473	14,040
Amounts due from subsidiaries	813,172	2,610,142
Bank balances and cash	11,706	7,983
	<b>962,351</b>	2,632,165
Current liabilities		
Other payables	3,124	12,056
Borrowings — due within one year	331,150	248,471
	<b>334,274</b>	260,527
Net current assets	<b>628,077</b>	2,371,638
Total assets less current liabilities	<b>1,858,623</b>	2,618,346
Capital and reserves		
Share capital	9,988	10,078
Reserves	1,780,934	2,128,960
Total equity	<b>1,790,922</b>	2,139,038
Non-current liabilities		
Borrowings — due after one year	67,701	479,308
Total equity and non-current liabilities	<b>1,858,623</b>	2,618,346

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

For the year ended 31 December 2017

### 39. STATEMENT OF FINANCIAL POSITION AND RESERVES OF THE COMPANY (Continued)

#### Movements in the Company's reserves

	<b>RMB'000</b>
At 1 January 2016	2,044,077
Profit and total comprehensive income for the year	347,862
Shares repurchased and cancelled	(37,381)
Transaction costs attributable to shares repurchased	(160)
Purchase of shares under share award scheme	(25,119)
Recognition of equity-settled share-based payment	5,816
Dividend recognised as distribution	(206,135)
At 31 December 2016	2,128,960
Loss and total comprehensive expense for the year	(108,793)
Shares repurchased and cancelled	(35,509)
Transaction costs attributable to shares repurchased	(225)
Recognition of equity-settled share-based payment	572
Dividend recognised as distribution	(204,071)
At 31 December 2017	1,780,934

# FINANCIAL SUMMARY

## RESULTS

	Year ended 31 December				2017 RMB'000
	2013 RMB'000	2014 RMB'000	2015 RMB'000	2016 RMB'000	
Revenue	2,412,343	2,811,871	2,969,033	2,607,504	<b>2,927,989</b>
Profit (loss) for the year attributable to:					
Owners of the Company	401,125	482,439	423,533	307,265	<b>301,575</b>
Non-controlling interests	—	3,735	(1,714)	640	<b>36,221</b>
	401,125	486,174	421,819	307,905	<b>337,796</b>

## ASSETS AND LIABILITIES

	As at 31 December				2017 RMB'000
	2013 RMB'000	2014 RMB'000	2015 RMB'000	2016 RMB'000	
Total assets	4,741,215	5,618,550	7,223,094	7,493,091	<b>7,884,054</b>
Total liabilities	(1,868,015)	(2,312,309)	(3,083,522)	(3,315,377)	<b>(3,224,104)</b>
	2,873,200	3,306,241	4,139,572	4,177,714	<b>4,659,950</b>
Equity attributable to:					
Owners of the Company	2,872,800	3,245,509	4,101,160	4,148,619	<b>4,166,072</b>
Non-controlling interests	400	60,732	38,412	29,095	<b>493,878</b>
	2,873,200	3,306,241	4,139,572	4,177,714	<b>4,659,950</b>



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