

# Guidebook for Investors: Key Industries in Jiangxi

Department of Commerce of Jiangxi Province

## Foreword

The full implementation of the new development concepts for opening up wider and the accelerated progress in introducing large and quality investment and industry-based investment promotion initiatives make significant approaches for the aggregation and development of industries across Jiangxi Province. The guidebook is compiled by Department of Commerce of Jiangxi, together with Development and Reform Commission, Industry and Information Technology Commission, Department of Civil Affairs, Department of Agriculture, Health and Family Planning Commission and Tourism Development Committee, to move forward under the guideline of enriching local economy and local people through innovation-driven and green progress as well as responsibility and pragmatism, to foster and boost new driving momentum, to unlock new development motivation, to facilitate investment promotion, project planning and the integration of industrial development with new economy and to help more investors home and abroad better understand the highlights of local industries and seek opportunities for investment and collaboration. The guidebook mainly focuses on information technology, aviation, bio-engineering and pharmaceutical, automobiles and autoparts, intelligent equipment, healthcare, modern logistics, e-commerce, agricultural machinery and other key industries involved in promoting the rapid development of Jiangxi's new economy and stepping up the transformation and upgrade of traditional industries and escalation of strategic and emerging industries, offering to domestic and overseas investors a brief introduction of the development situation, goals, planning, orientation, preferential policies and measures as well as contact information of relevant industries.

## Contents

1. Information Technology
2. LED Lighting
3. Automobiles and Autoparts
4. Intelligent Equipment (Robot)
5. Aviation
6. New Materials
7. Bio-engineering and Pharmaceutical (including TCM)
8. New Energy
9. Energy Conservation and Environmental Protection
10. Agricultural Machinery
11. Modern Service
12. Modern Logistics
13. Integrated Tourism
14. Green and Ecological Agriculture
15. Healthcare
16. E-commerce

## Information Technology

### I. Current State

In recent years, IT sector has been witnessing steady progress in Jiangxi, among which the three major industries, namely the smart mobile terminals, the LED lighting and digital audio and video equipment, have achieved outstanding development. Industrial clusters are releasing reinforced effects as a result of intensive development, a great number of leading enterprises including Hipad Intelligent, Nanchang O-film Tech, Jiangxi LCE Optics, Lattice Power Jiangxi settled down and 12 industrial clusters came into being including the photoelectric communication cluster in Nanchang National High-tech Industrial Development Zone, the photo-electronics cluster in Nanchang State-level Economic and Technological Development Zone, IT cluster in Nanchang Airport Economic Zone, communication terminal cluster in Jinggangshan Economic and Technological Development Zone, digital audio and video cluster in Xinfeng County, IT cluster in Longnan Economic and Technological Development Zone, the photo-electronics cluster in Gao'an, digital audio and video cluster in Ji'an County, touch display cluster in Taihe County, communication transfer cluster in Jizhou District, photo-electronics cluster in Xinyu, IT cluster in Fuzhou High-tech Industrial Development Zone.

In 2017, the IT sector generated CNY 217.32 billion in prime operating revenue, up by 19.2% from the previous year, among which CNY 153.75 billion was accomplished by the 3 leading IT industries of LED lighting, smart mobile terminals and digital audio and video, up by 20.3% from the previous year, accounting for 70.7% of the total. Tax payment of IT sector totaled CNY 13.17 billion, up by 16.4% from the previous year.

## II. Development Goals

Jiangxi has placed importance on IT sector as one of its advantaged sectors and has been pressing ahead with the 3 plus 2 program, i.e. enhancing the 3 advantaged industries including smart mobile terminals, LED lighting and digital audio and video industries and reinforcing the 2 high-end strategic industries including integrated circuit and Beidou navigation system. The IT sector is expected to generate a prime operating revenue of CNY 300 billion in 2020.

## III. Industrial Distribution

As for smart intelligent terminal industry, focus on Nanchang, Jiujiang and Ji'an, improve the manufacturing capacity of smart cellphones and on-board communication equipment and make full use of leading enterprises to give full play to the brand effects; rely on leading component manufacturers and create integrated component manufacturing chain so as to develop technological competence in new display materials, touch screen modules, multilayer PCB and other key links; actively explore cutting-edge technologies of bio-metric identification and AI and step up development of new-type smart terminals including smart cellphones, tablet PC and wearable equipment.

As for digital audio and video, focus on Ji'an and Ganzhou to develop intelligent electrical appliances and audio and video equipment; complying with the new trends of intelligent technologies and internet, to develop integrated equipment including large and medium-sized networked smart LCD TV, glasses-free 3D TV and networked HD video cameras and improve relevant products including LCD monitors and display modules, LCD TV energy drivers, blue-ray high-capacity discs and moderate and high-end headsets; put emphasis on on-board audio and video equipment including on-board audio and video navigation system, DVD players, digital audio equipment, digital players and relevant components and vigorously encourage the development of on-board Beidou Navigation system, TPMS and other on-board electronics.

As for integrated circuits, focus on Nanchang, interacting with Jiujiang and Ji'an, and initiate from smart mobile terminals, digital audio and video and chips of wearable equipment, speed up the introduction of leading R&D enterprises and advanced IC manufacturing, packaging and testing technologies from home and abroad, attach special

significance to key manufacturing technologies of mobile internet chips, photo communication chips, RF chips, Beidou Navigation chips and high-end general chips, etc. and build up a number of competitive new-type IC industrial bases.

#### IV. Major Directions and Target Regions in Investment Promotion

As for smart mobile terminals, focus on investment promotion in sectors of both integrated equipment and key components. Attach special importance to introduction of new-type integrated smart terminals including smart cellphones, tablet PC and smart wearable equipment as well as key components including supporting manufacturers in fields of touch screen, cameras, glass substrates, PET films, ITO electropane, IC modules, touch screen modules as well as manufacturing and testing facilities and supporting accessories. Mainly target on domestic cities including Beijing, Shanghai, Shenzhen, Dongguan, Taiwan as well as overseas countries and regions including US, ROK, Japan, etc..

As for digital audio and video equipment, focus on introduction of large and medium sized networked smart LCD TVs, LCD monitors and display modules, LCD TV power supply, blue-ray high-capacity discs, medium and high-end headsets, on-board audio and video navigation systems, DVD players, digital audio equipment and supporting components. Mainly target on domestic cities including Beijing, Kunshan, Shenzhen, Dongguan, Taiwan as well as overseas countries and regions including US, Japan, ROK, etc..

As for integrated circuits, focus on introduction of projects in raw material development, IC R&D and design, chip manufacturing, packaging and testing and chip application, etc.. Mainly target on domestic cities including Beijing, Shanghai, Shenzhen, Dongguan and Taiwan as well as overseas countries and regions including US, Japan, ROK, etc..

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land

acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of IT sector.

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified guidance on development of IT sector, optimize its industrial distribution and clarify directions and focus of development, so as to promote upgrade and development of IT sector.

In February 2015, Jiangxi Provincial People's Government issued Notice of Policies and Measures to Support Nanchang Develop Integrated Circuit Industry and proposed to support Nanchang develop IC industry and foster new economic growth drivers.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of information technology industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## LED Lighting

### I. Current State

LED as the third generation of light source is mainly applied in cellphone backlight, screens, signal indicators, landscape lighting, special lighting and other fields and it's increasingly developing toward the large and medium-sized LCD-TV backlight, automotive lamps and general lighting, etc.. LED sector of Jiangxi is considerably well-developed and the silicon based LED technology has been granted the National Science & Technology Invention Award. In recent years, Jiangxi has been witnessing rapid progress in R&D and commercialization of LED lighting, the ever improving and expanding industrial chain including epitaxial wafer, chips, packaging and relevant applications has been established and an LED cluster mainly consisting of Lattice Power Jiangxi, Jiangxi Lianovation and Ji'an Forest Lighting has come into being. In 2017, the LED lighting sector generated CNY 43.96 billion in prime operating revenue, up by 35.9% from the previous year; the high or medium-power LED chips have become mainstream products and new accomplishments have been made in commercialization of silicon-based LED technology.

### II. Development Goals

Jiangxi would be built into the leading LED R&D, manufacturing and application base in China with world competence and Nanchang would be built into the national LED Lighting Valley, focusing on improvement of industry scale and core competence, on key technologies, key regions and key applications, so as to develop and upgrade advantages in industry scale, industrial system and industrial technology.

1. Target industry scale. By 2020, prime operating revenue of LED sector is expected to quadruple compared with that of year 2015 and exceed CNY 100 billion, aiming to account for 15% of the national total. To be specific, the prime operating revenue of Nanchang would total CNY 50 billion and account for 50% of that of Jiangxi and prime operating revenue of silicon based LED relevant business total CNY 50 billion.

2. Target industrial chain. To comprehensively build a well-established LED industrial chain and appropriate supporting system, fostering closer collaboration between links along the industrial chain with supporting facilities and materials to form overall advantages. By 2020, prime operating revenue of chip manufacturing, the upstream field on the chain, is aimed to exceed CNY 5 billion, that of packaging, the midstream field, to total CNY 20 billion and relevant application, the downstream field, to total CNY 80 billion while that of supporting materials and facilities to total CNY 20 billion.

### III. Industrial Distribution

To build a comprehensive network centering in Nanchang and focusing in Ji'an, Yichun, Pingxiang and Xinyu in midwest Jiangxi, including supporting product and application manufacturing in other areas in light of local circumstances so as to exert all-dimensional influence across China.

1. The Lighting Valley as the core area. Aiming at building Nanchang into the Lighting Valley and focusing on building LED R&D centers, inspection & testing and certification centers, talent incubators, exchange and application centers and an overall industrial network, an industrial landscape led by LED clusters in Nanchang National High-tech Industrial Development Zone and Nanchang Airport Economic Zone and complemented by LED sector in Qingshan Lake District of Nanchang and Jinxian County. Nanchang National High-tech Industrial Development Zone would focus on development of crucial core technologies of silicon based LED chips and epitaxial wafer manufacturing facilities as well as auxiliary products including raw materials, LED brackets and optical devices. Nanchang Airport Economic Zone would focus on concentrated development of

LED business and build industrial clusters featuring potent leading and driving forces and coordinated development of links along the industrial chain. Qingshan Lake District of Nanchang and Jinxian County would focus on development of midstream and downstream products and building device packaging and application manufacturing bases.

2. Key concentration area. To vigorously push forward the development of LED sector centered on Ji'an, Yichun, Pingxiang, Xinyu and other midwest areas in Jiangxi. Ji'an would focus on LED device packaging and whole set of application products as well as brackets and optical devices and building LED smart lighting industrial base. Yichun would focus on pushing forward the development of photoelectric industrial cluster in Gao'an and LED lighting industrial base in Wanzai County while building an industrial base integrating indoor illumination, mobile illumination application and device packaging. Pingxiang and Xinyu would focus on building LED chip manufacturing, device packaging and illumination application base.

3. Industrial radiation area. Jiujiang would prioritize the development of CFL industrial base and build LED indoor lighting manufacturing base, Ganzhou would give full play to its advantaged resources of rare earth to develop terminal lighting products while making great efforts to build LED auxiliary material manufacturing base. Yingtan, Shangrao, Fuzhou and Jingdezhen would focus on building of LED application product and auxiliary product manufacturing base in consideration of respective industrial features.

#### IV. Major Directions and Target Regions in Investment Promotion

To focus on introduction of leading projects of LED epitaxial materials, chip manufacturing and device packaging and comprehensively push forward application technologies and product R&D, consistently reinforce industrial matching capacity and

promote the coordinated interaction among enterprises on the upstream, midstream and downstream of the industrial chain, so as to build an integrated industrial network based on the original technology of silicon based LED.

As for chips, the upstream industry, push forward both silicon based LED and sapphire based LED technologies and prioritize the silicon based. Make great efforts to introduce large-sized substrate material manufacturing, epitaxial wafer for high-end applications like LED backlight and chip manufacturing projects.

As for packaging, the midstream industry, stress on introduction of high-power silicon based LED packaging, high-power white LED packaging and large-scale SMT projects to achieve a full coverage of projects of high-end LED and general LED in a bid to promptly expand manufacturing capacity.

LED lighting projects with the largest scale and potential for fastest growth to promote the development of LED application products oriented to various field.

As for matching materials and facilities, prioritize the introduction of 6-inch IC silicon wafer assembly lines and focus on development of basic material projects with independent IPR to support LED sector, including high-purity MO source, phosphor, glue, bracket, specialized secondary optical equipment, specialized drivers, etc..

Mainly target on domestic cities including Beijing, Xiamen of Fujian Province, Shenzhen of Guangdong Province, Dongguan and Taiwan as well as overseas countries and regions including Holland, US, Germany, ROK, Japan, etc..

#### V. Major Policies and Measures in Investment Promotion

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified guidance on development of IT sector (LED lighting included), optimize its industrial

distribution and clarify directions and focus of development, so as to promote upgrade and development of IT sector (including LED lighting). Efforts should be made to ensure supply of coals, electricity, oil, transportation and other means of production and actively address hardships in finance and taxation, financing, recruitment and land acquisition for major enterprises and projects in the sector.

In December 2015, Jiangxi Provincial People's Government issued Implementation Plan on Building Nanchang Lighting Valley and Jiangxi LED Industrial Base to intensify industrial guidance on LED sector, increase fiscal input in this field, reinforce financial support and offer assistance in market development and talent recruitment in a bid to promote the LED sector to grow from a top technology master to a top market player.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of LED lighting industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Automobiles and Autoparts

### I. Current State

The automobile and autopart industry, the backbone industry of Jiangxi's economy, has formed a rather complete industrial chain integrating finished vehicles, chassis, engines, transmission system and other key components and a well-established industrial development structure headed by finished automobile manufacturers including Jiangling Motors Corporation, BAIC Changhe Auto and Hanteng Auto and supported by Nanchang Xiaolan Economic and Technological Development Zone, Nanchang State-level Economic and Technological Development Zone, Fuzhou National High-tech Industrial Development Zone and other autopart industrial bases. There are a dozen of well-known brands including JMC, Changhe, Transit, Landwind, Yusheng, Suzuki Beidouxing and Hanteng; the category of lightweight commercial vehicle takes a leading place nationwide with JMC commercial vehicles the top 5 bestseller and minibus top 1 bestseller nationwide. By the end of 2017, Jiangxi had an annual capacity of 1 million vehicles, an annual output of 603 thousand vehicles and an annual prime operating revenue at CNY 162.53 billion.

The new-energy automobile, one of the key industries of Jiangxi Province, has for 4

consecutive years contributed double output from the previous year. In 2017, Jiangxi sold 42 thousand new-energy automobiles, 1.3 times of that of the previous year and accounting for 5.4% of the national total. The annual capacity of new-energy automobiles totaled 100 thousand, double of that of the previous year. JMC New-energy, among others, sold 32 thousand automobiles, double of that of the previous year and placed top 5 nationwide, also JMC secured manufacturing qualification of new-energy passenger vehicles, 3 of its kind in China. Farasis is among the top 100 core electromobile component manufacturers in China, placed 2<sup>nd</sup> in battery category and 5<sup>th</sup> in sales of EV battery category.

## II. Development Goals

To expand production of passenger vehicles and commercial vehicles and persistently improve the mass manufacturing and smart manufacturing capacity of passenger vehicles; to highlight the construction of low-emission high-efficiency energy-saving fuel engine manufacturing platforms and foster a number of autopart manufacturers with core advanced technologies, independent brands and R&D capacity. Priority would be given to develop new-type key assembly and system components as well as key components like automatic transmission, automotive electronics, etc.. In 2020, the local automobile and autopart industry is expected to contribute CNY 220 billion in prime operating revenue and an annual capacity of finished vehicles at 1.4 million.

Development goal of new-energy automobile industry: to secure the development trend of new-emery automobile industry and accelerate its development and market cultivation. In 2020, the annual output of new-emery automobile is expected to total 250 thousand and annual capacity at 500 thousand, the number of new-energy vehicles sold and used would amount to 100 thousand, capacity of EV lithium battery amount to 40Gwh, capacity of drive motor amount to 200 thousand and prime operating revenue

come to CNY 50 billion. It's expected one finished automobile manufacturer would achieve an annual sales revenue over CNY 10 billion and new breakthroughs to be made in ICVS development.

### III. Industrial Distribution

Key areas: Nanchang, Jingdezhen, Jiujiang, Ganzhou, Shangrao and Fuzhou.

Nanchang: to focus on the construction of automobile industrial area of Xiaolan Economic Development Zone, automobile industrial area of Changleng Industrial Park in Xinjian District and the bus export base of Nanchang State-level Economic and Technological Development Zone and vigorously develop compact SUV, high and medium-end pickup truck, lightweight bus, large and medium-sized bus and multi-purpose urban vehicles; as for autoparts, importance would be placed in developing DCT transmission, air suspension, high-efficiency environmentally-friendly motors, lightweight automobile materials and automotive electronics. Jingdezhen and Jiujiang: to focus on BAIC Changhe and fully explore the in-depth cooperation between Suzuki and BAIC to highlight the development of small and mini cars, urban SUV, MPV, lightweight trucks, low-emission high-efficiency and energy-conserving motor series and build up the BAIC south base integrating manufacturing, supply, sales and R&D of finished vehicles and motors. Ganzhou: to urge the accelerated development of lightweight trucks and special vehicle manufacturers and facilitate the development of Getrag, Qunxing Machinery, Jingwei CAD/CAM and other leading autopart manufacturers, to highlight the development of DCT and AT transmission and build up the transmission manufacturing bases. Shangrao: to step up the construction of Jiangxi bus manufacturing base focused on lightweight buses and large and medium-sized passenger vehicles with B-energy Shangrao Bus as the core driving force. To build automobile and autopart manufacturing bases with Hanteng Auto as the core driving force, attaching importance to development of compact SUV. As

for autoparts, Hanteng Auto is expected to make breakthroughs in low-emission turbocharged engine while Tongxin Machinery is expected to make solid progress in the adaptability of motor camshaft. Fuzhou: to focus on development of medium-end pickup trucks, compact SUV and special vehicles with JMCJL as the core driving force. To settle down the transfer of autopart industry from developed areas in Fuzhou National High-tech Industrial Development Zone and its autopart industrial base and encourage JMC Chassis to enrich its product categories and expand production, build up well-known domestic chassis component manufacturing and purchasing base; to guide Rongcheng Machinery to improve the adaptability of its steering linkages assembly, steering lever arm assembly and joint assembly with mini vehicles and build up the mini vehicle steering system manufacturing base.

As for new-energy automobiles, to improve its industrial chain focused on finished vehicles and key components including batteries, motors and electronic controls. As for finished automobiles, to focus on the construction of 5 manufacturing bases known as One Core and Four Areas with the core in Nanchang and four areas in Ganzhou, Shangrao, Jiujiang and Pingxiang respectively; to build a power battery industrial base headed by ternary batteries and LiFe batteries and the industrial competence of Ganzhou, Yichun, Fuzhou, Xinyu and Ganjiang New Area; to facilitate the development of drive motors with Yichun as the core driving force and Ganzhou the collaborator; to develop finished vehicle controllers, drive motor controllers with Nanchang and Shangrao at the core. To encourage JMC, BAIC Changhe, Hanteng and other major manufacturers to reinforce the R&D of ICVS by working with famous domestic internet, information communication and AI enterprises.

#### IV. Major Directions and Target Regions in Investment Promotion

As for finished vehicles, to focus on development of lightweight chassis, lightweight carbody, automobile design, ICVS and unmanned vehicle systems. Mainly target on

domestic cities including Beijing, Shanghai, Guangzhou, Shenzhen as well as overseas countries including US, Italy, Germany, UK, France, etc..

As for key components, to focus on development of automatic transmission, energy-saving diesel engines and its HPCR system, gas engines, electronic control unit, lightweight automobile materials and automotive electronics. Mainly target on domestic cities including Beijing, Shanghai, Tianjin, Guangzhou, Wuhan as well as overseas countries including US, Japan, ROK, Germany, Canada, etc..

As for finished new-energy automobiles, to focus on development of electric chassis, lightweight carbody, automobile design, hybrid power system and automobile controllers; as for power batteries, to focus on development of new-generation Li-ion batteries, hydrogen fuel batteries, graphene batteries, lightweight batteries, high-energy-density electrode materials, battery separators and battery management systems; as for other key components, to focus on development of high-efficiency drive motors, in-wheel motors, motor controllers, electric steering, electric air-conditioner and automotive electronics; as for the ICVS, to make breakthroughs in smart automobile terminals, automobile HCI system, unmanned driving and other key technologies and facilitate the transfer of traditional automobiles to smart and intelligent connected automobiles. Mainly target on domestic regions including the Yangtze River Delta, Pearl River Delta and Beijing-Tianjin-Hebei Region, Taiwan as well as overseas countries and regions including US, Germany, France, Japan, ROK, etc..

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals,

electricity, oil, transportation and other means of production, endeavoring to promote the development of automobiles and autopart sector.

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified guidance on development of automobiles and autoparts sector, optimize its industrial distribution and clarify directions and focus of development, so as to promote upgrade and development of the automobiles and autoparts sector.

In February 2017, Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of new-energy and intelligent automobile industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Intelligent Equipment (Robots)

### I.Current State

Currently the intelligent equipment (robots) industry has begun to take shape in Jiangxi and there are over 80 enterprises engaged in the field, which achieved CNY 27.5 billion in prime operating revenue in 2017. The industry is mainly to be found in Nanchang, Ganzhou and Ji'an and main products include industrial and service robots, smart grid, medium and high-end computer numerical control, automatic production lines, etc., among which the coordinated welding system based on double robots, superhigh speed CBN servo CNC grinding machine and AC-powered automatic production facilities boast leading technological competence in China and some products secure high market share in respective subdivisions like the automobile wheelset NC dynamic balancing machine of NSH-CTI, smart water meter of Sanchuan Water Meter and smart grid by Tellhow. Industrial robots and smart facilities have been applied more or less in fields like automobile, military industry, petrochemical, photovoltaic, optics, mining, food production, pharmaceuticals and light industry. The Jiangxi Robot and Smart Manufacturing Facilities Alliance has been established with leading enterprises including AVIC Hongdu, Ganzhou Qunxing, Powermax Technology, MJ Intelligent System, NSH-CTI, Tellhow, Just Numerical Control and ASAP Technology Jiangxi and professional R&D institutions including Nanchang University, Nanchang Hangkong

University and Jiangxi University of Science and University, primarily building up a technological innovation and R&D system integrating production, education and training and R&D.

## II. Development Goals

To implement the national strategy of Made in China 2025 and take smart manufacturing as a critical approach in facilitating the industrial updating and upgrading by taking market as steering signal, enterprises as practitioners, leading industrial practitioners as guiding force and technological innovation as driving force, by enforcing combination of cultivation of local enterprises and introduction of new ones, focusing on integration of making breakthroughs and overall upgrading, so as to promote the overall expansion of industrial chains, industry segmentation and value chain upgrade, so as to build a smart equipment (robot) industrial cluster assembling high-end enterprises, complete industrial chains and well-established service system. To transform and upgrade traditional industries with smart manufacturing technologies and push forward the digital, networked, smart and green development of manufacturing industry, so as to facilitate the industrial restructuring and transformation and upgrade in Jiangxi Province.

By working with automobile, electronics, food, medicine, building material, civil explosion, military industry, logistics and other professional application platforms, to encourage manufacturing of welding, spray finishing, assembling, shipping, stacking, grinding and other industrial robots and focus on industrial robot system integration and application service. To endeavor to develop high-end numerical control machine tools, new-type sensors, smart meter and control systems, high-end optical instrument, satellite navigation ground equipment, high-speed railway digital measuring equipment and other smart testing and control facilities as well as key basic components including servo drives, high-precision transmission, composite cutting tools and integrated smart equipment including distributed smart minigrid central distribution control system.

By 2020, the intelligent equipment (robot) industry is expected to achieve CNY 40 billion in prime operating revenue, build up 5 to 10 enterprises with annual prime operating revenue over CNY 1 billion, a dozen of featured enterprises with professional

technologies and cutting-edge competence in respective subdivisions, 20 provincial intelligent equipment (robot) technology centers, engineering centers and key labs. It's expected there would be more than 10 thousand units of intelligent equipment (robot) applied in local industrial enterprises and more than 3 robot and intelligent equipment industrial bases with CNY 10 billion in prime operating revenue, complete industrial chain, innovation competence and driving forces.

### III. Industrial Distribution

To focus on Nanchang and take Jiujiang, Ji'an, Ganzhou, Pingxiang and Xinyu as important pivot cities to build intelligent equipment (robots) industrial clusters and a complete industrial system integrating R&D, design, manufacturing, sales and service. As for robots, to focus on manufacturing capacity of industrial robots in welding, spray-finishing, assembly, transporting, stocking and polishing, to develop SI and application service of industrial robots and to develop manufacturing of robots to ride, to provide maintenance service and household service by working with service platforms including hospitals, senior care centers and community offices. As for manufacturing equipment, to focus on development of intelligent manufacturing equipment including medium and high-end numerical control machine tools, flexible automatic production lines, etc.. As for agricultural machinery and mining machinery, to develop fruit and vegetable further processing devices, grain driers, breeding and planting devices, new crop protection machinery and focus on smart cranes, high-efficiency grinding and beneficiating machinery, roadway mining device sets and advanced braking systems by resorting to independent R&D and introduction of new technologies.

### IV. Major Directions and Target Regions in Investment Promotion

To seize the global industrial development trends of intelligent equipment (robots) entering into China and target introducing major and premium projects and investment promotion efforts on leading enterprises on the whole industrial chain. To introduce a number of leading large-scale enterprises with core technologies and strong driving forces in manufacturing of finished machine, key components and integrated application as well as a number of small and medium-sized high-tech enterprises with characteristic, technologies, market share and development potential, so as to build an intelligent

equipment (robots) industrial park in Nanchang and promote the concentrated development of the sector. Mainly target on domestic cities including Taiwan, Beijing, Guangdong, Zhejiang, Beijing, Jiangsu as well as overseas countries and regions including US, Europe, Japan, etc..

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of advanced equipment sector.

In December 2013, the Ministry of Industry and Information Technology issued Guiding Opinions on Promoting the Development of Industrial Robot Industry and proposed to support the development of robot industry in technological R&D, talent utilization and favorable taxation policies.

In February 2017, Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of intelligent equipment industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

In November 2017, office of Made in Jiangxi Promotion Leadership Team issued the Implementation Plan on Facilitating Intelligent Manufacturing 10,000-1,000-100-10 Program, steered by application demand, focusing on fostering and developing of medium and high-end numerical control machine tool, flexible automatic production line and other intelligent equipment manufacturers as well as suppliers with intelligent equipment overall design competence and solution capacity.

## Aviation

### I. Current State

Jiangxi is the birthplace of the first plane of People's Republic of China. Through 60 years of development, the aviation sector in Jiangxi features powerful capacity in overall design, experimental verification, advanced manufacturing and assembly and boasts major R&D and manufacturing bases of training planes, UAV, general-purpose planes and helicopters, ranking fourth in industrial scale nationwide. There are 8 complete machine manufacturers including AVIC Hongdu Aviation Industry Group, Changhe Aircraft Industries Group, BGAC Jiangxi Helicopter, Jiangxi Deli Helicopter, BaiLongMa Aviation Technology, Jiangxi Guanyi Aero as well as 34 supporting manufacturers including Hongdu Commercial Aircraft and Jingdezhen Aviation Forging and Casting Company. Meantime there are a number of aviation research institutes and testing bases including China Helicopter Research and Development Institute, Hongdu Aircraft Research and Development Institute and Nanchang Hangkong University. In 2017, the aviation sector in Jiangxi generated CNY 74.013 billion in prime operating revenue, up by 21.7% from the previous year.

### II. Development Goals

Jiangxi would, in accordance with the development principle of grand aviation, strive to develop the manufacturing capacity and capability of fuselage and components of training planes, helicopters, fixed-wing aircraft and civil aircraft and build a coordinated

industrial network integrating aviation manufacturing, civil aviation transportation, general aviation and airport economy. Prime operating revenue of aviation manufacturing is aimed to total CNY 100 billion in 2020.

### III. Industrial Distribution

As for training planes, to build a world-class FTS R&D, manufacturing and service base by relying on leading enterprises like Hongdu Aviation Industry Group, gearing to the needs of both domestic and international market, exploring the development trends of flying training and improving product categories.

As for helicopters, to focus on improvement of aircraft with multiple carrying capacity and helicopters of multiple sizes by relying on leading enterprises like Changhe Aircraft Industries Group and Aviation Industry Corporation of China Helicopter Design and Research Institute and introducing a number of assembly lines for aircraft technologically advanced with airworthiness certificate and potential for market prevalence.

As for fixed-wing aircraft, to actively introduce, absorb and apply advance technologies and gradually achieve independent R&D and manufacturing by focusing on core areas like Nanchang and Jiujiang, making breakthroughs in light corporate aircraft, super-mid-sized corporate aircraft, light turbo-prop and UAV and driving the R&D and manufacturing of key components like turbofan engines.

As for big civil aircraft, to propel the manufacturing expansion from the forebody and rear fuselage to other components of aircraft, strive to form integration manufacturing capacity and increase cooperation with Commercial Aircraft Corporation of China.

As for general aviation operation service, to make use of gradually improving general airports across China, accelerate establishment of general aviation corporations, aviation clubs, aviation education training organization, aviation sales and maintenance service and other service organizations to build general aviation operation service clusters so as to promote the general aviation manufacturing.

### IV. Major Directions and Target Regions in Investment Promotion

Actively engage in industrial division and cooperation of global aviation

manufacturing, push forward the implementation of introducing major and premium projects, make full use of the industrial distribution adjustment of Aviation Industry Corporation of China and Commercial Aircraft Corporation of China and vigorously introduce in enterprises in complete aircraft manufacturing, aeroengine, aviation supporting industries and maintenance service and general aviation operation service to settle down in Jiangxi. Priority should be given to carry out investment promotion geared to the aviation industrial cluster by promoting industrial parks and construction of general airports, among which the Nanchang Aviation Town would focus on introduction of R&D and manufacturing of components of big aircraft, training aircraft, general aircraft, UAV as well as aviation sub-contract, auxiliary facilities and component processing projects; Jingdezhen Helicopter Industrial Park would focus on introduction helicopter manufacturing, repair and maintenance projects as well as aviation casting and forging projects; local general airports would focus on introduction of complete aircraft manufacturing projects and general aviation operation service.

Mainly target on domestic cities including Beijing, Shanghai, Guangdong as well as US, Germany, France, Italy, Brazil, etc..

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of aviation sector.

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified guidance on development of aviation manufacturing sector, optimize its industrial distribution and clarify directions and focus of development, so as to promote upgrade and development of the aviation manufacturing sector and build it into the leading driver for the future industrial development of Jiangxi.

In July 2014, Jiangxi Provincial People's Government issued Opinions on Accelerating the Development of General Aviation Sector and proposed to promote general aviation operation service and support the innovation and development of general aviation sector.

In December 2016, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Developing General Aviation.

In July 2017, Development and Reform Commission of Jiangxi, the Office of Scientific and Technological Industry of National Defence in Jiangxi and Department of Finance jointly issued Interim Measures for Cities in Jiangxi in Purchasing General Aviation Public Service.

In July, 2017, Office of Jiangxi Provincial People's Government issued Several Measures to Facilitate Development of General Aviation Industry.

## New Materials

### I. Current State

(1) Non-ferrous metals. Jiangxi province is known as the World Copper Capital and World Tungsten Capital and south Jiangxi has been honored as Rare Earth Kingdom. Nonferrous metal is one of the advantaged traditional industries of Jiangxi Province. In recent years, the prime operating revenue of nonferrous metal sector approximately accounts for one fifth of that of the local industry, one tenth of that of the domestic nonferrous metal sector, building decent foundation for the development of nonferrous metal sector. Its main characteristics are as follows:

Abundant mineral resources. The available reserves of a number of nonferrous metals rank high nationwide and the five categories of copper, tungsten, uranium and thorium, tantalum-niobium and rare earth are known as the Five Golden Flowers of Jiangxi, among which the tungsten reserve rank first and copper and bismuth reserve rank third nationwide, featuring large reserves, shallow location, easy access to mine and process and great number of associated minerals; the reserve of medium heavy rare earth rank top nationwide, which feature unique characteristics, high concentration and complete varieties and therefore considered as an ionic resource rich in valuable rare earth ingredients including terbium, dysprosium, yttrium, etc..

Concentrated development of nonferrous metal sector. Thanks to abundant mineral resources in the province, the ever growing and expanding nonferrous metal industry, a decent industrial chain and network has come into being, in particular that of copper, tungsten and rare earth, and Jiangxi is now home to major national copper, tungsten and rare earth industrial bases. A large number of important industrial clusters has taken shape including the copper deep processing cluster in Guixi, copper alloy cluster in Yingtan, rare earth magnetic materials and permanent magnet motor cluster in Ganzhou, rare earth intensive processing cluster in Longnan, secondary aluminum cluster in Fengcheng, nonferrous comprehensive recycling cluster in Hengfeng, etc.. A number of competitive enterprises have been fostered and leading enterprises including Jiangxi Copper, Jiangxi Rare Earth And Rare Metals Tungsten Group and China Nanfang Rare Earth Group have been well-developed, laying solid foundation for further development of the industry. The copper industry, led by Jiangxi Copper, presents world-leading capacity, processing technology and equipment; the tungsten industry stands out with Jiangxi Rare Earth And Rare Metals Tungsten Group and Zhangyuan Tungsten at the core; the rare earth industry stands out with China Nanfang Rare Earth Group at the core while the rare and precious metal industry with Jiujiang Tanbre and Jiangxi Tengyuan Cobalt New Material at the core.

Complete nonferrous metal industrial chain. A well-established industrial network integrating beneficiation and mining, separating, refining, processing and geological survey, engineering design, scientific research, etc. has come into shape. As for development of industrial chains: for copper industry there's a well-established industrial chain focusing on copper rod, wire, pipe, bar, plate and strip, foil and profiled bar. Jiangxi Copper is now the largest copper smelting and processing enterprise in China; for tungsten industry there's a well-established industrial chain focusing on

tungsten concentrates, APT, tungsten oxide, tungsten powder, tungsten carbide powder, ferrotungsten, tungsten rod, tungsten filament, cemented carbide and tools. It's known as a major raw tungsten and tungsten product manufacturing base in China; for rare earth industry there's a well-established industrial chain focusing on rare earth ore, rare earth oxide, rare earth metals, rare earth permanent magnet materials, rare earth luminescent materials and hydrogen storage materials and the major manufacturing base of rare earth products in China.

In 2015, the prime operating revenue of nonferrous metal sector in Jiangxi totaled CNY 672.6 billion, up by 11.6% from the previous year, among which that of copper industry stood at CNY 475.07 billion, tungsten CNY 42.98 billion and rare earth CNY 39.46 billion.

(2) Steels. Steel industry is one of the advantaged traditional industries in Jiangxi and has developed a development pattern known as 356, i.e. XinSteel, Pingxiang Steel and Fangda Special Steel the 3 major enterprises; the new-type steel base in Hukou of Jiujiang, the special steel base in Liangshan of Xinyu, the new metal material base in Anyuan of Pingxiang, the powder metallurgy base in Shangli and steel structure base in Jinxian the 5 industrial bases; construction steel, vessel and oceanering steel, power transmission machinery steel, automobile steel, household appliance steel and metal wares the 6 product categories. The industrial concentration level ranks high on national list and the steel output of XinSteel, Pingxiang Steel and Fangda Special Steel accounts for 98% of that of the Jiangxi. In particular the steel strands and boiler capacitor plate of XinSteel are among the bestsellers in the market segment and the spring flat steel and free-cutting steel of Fangda Special Steel secure larger market share than other domestic players. In 2017, the prime operating revenue of steel sector in Jiangxi totaled CNY 238.7 billion, up by 17.46% from the previous year; the crude steel production reached 24.1269 million tons,

up by 7.7%.

(3) Petrochemical materials. Petrochemical industry as one supplying raw materials serves as the backbone and pillar of national economy, featuring high industrial relevance and strong driving force. The petrochemical industry in Jiangxi is mainly composed of crude oil processing and chemical industry, the former taking Sinopec Jiujiang as major player while the latter covering chemical raw materials, fertilizer, pesticide, chlor-alkali, coating, special chemical products, rubber products, new chemical materials, etc.. There are a number of leading enterprises including Sinopec Jiujiang, Jiangxi Xinghuo Organic Silicone Plant, Jiangxi BLACKCAT Carbon Black, Jiangxi Selon Industrial, Jiangxi Jinlong Chemical, Cabot Bluestar Chemical Jiangxi, etc. and petrochemical clusters have come into shape including the fine chemical engineering cluster in Leping, Xinghuo organic silicon cluster, villiaumite cluster in Huichang, salt chemical engineering cluster in Xin'gan. Also there are some characteristic chemical product, among which the fungus pesticide contributes an annual capacity of 1,800 tons and gibberellin technical material 240 tons, top across the world, accounting for more than 80% of the domestic market share; organosilicone monomer contributes an annual capacity of 500 thousand tons, top in Asia, accounting for over 25% of the domestic market share; the annual output of carbon black at 1.06 million tons, MMT at 500 tons and AC foaming agent at 70 thousand, all top in China, accounting for over 20% of the domestic market share. In 2017 the prime operating revenue of petrochemical industry in Jiangxi arrived at CNY 314.2 billion.

(4) Glass fiber and composite material. In recent years, the building material industry has been maintaining steady growth and the glass fiber and composite material industry in particular has been witnessing fast growth and reinforced effects as result of intensive and concentrated development. There are a number of leading enterprises including Jushi Group Jiujiang, Jiangxi Dahua New Materials, etc. and industrial clusters including glass

fiber and composite material base in Lianxi District of Jiujiang, glass fiber and new composite material base in Shangyou County of Ganzhou, the new building material base in Yushan County of Shangrao and special glass industrial base in Anyuan District of Pingxiang. In 2017, the prime operating revenue of building material industry topped CNY 300 billion and arrived at 308.88 billion, up by 8.1% from the previous year, among which the glass fiber and composite material manufacturing achieved CNY 11.44 billion, up by 8.4% from the previous year, contributing taxation worth CNY 1.06 billion, down by 3.7% and profit at 0.89 billion, up by 6.1%.

## II. Development Goals

(1) Nonferrous metals. Press ahead to promote the main products of copper, tungsten and rare earth to develop toward high technology and added value and achieve the state-of-the-art standard, so as to push forward the transfer of advantaged resources of copper, tungsten and rare earth to industrial advantages and economic advantages. For copper, Jiangxi is to make reasonable use of its resources and persist in concentrated development of metallurgy to consolidate internationally advanced copper metallurgy capacity; for tungsten, it's to accelerate the R&D and manufacturing capacity of tungsten deep processing and promote the application of new metallurgy technologies of ammonium paratungstate; for rare earth, priority would be given to improve clean manufacturing technologies in mining, metallurgy separation and other relevant procedures and advance the manufacturing capacity of rare earth permanent magnet materials, power battery hydrogen storage materials, fine ceramics, rare earth catalyst, rare earth magnalium, laser crystals, etc. and deepen integration of R&D and application by working with Jiangxi Provincial rare earth function material manufacturing innovation center. The nonferrous metal industry is expected to achieve an annual prime operating revenue over CNY 1 trillion by the end of 13th Five-year Plan.

(2)Steels. In conformity to the requirement of supply-side reform and under the guideline of “readjust product portfolio, improve product quality, apply advanced technologies and expand product categories”, to make manufacturing advanced, high-quality, smart and environmentally-friendly by focusing on upgrading of steel products, endeavoring to improve quality and efficiency of economic performance, transforming and upgrading technology and equipment, pulling out overcapacity and developing special steels, new-type steel structure and powder metallurgy. By 2020, the prime operating revenue of steel industry is expected to total CNY 300 billion.

(3)Petrochemical materials. In accordance with the trend of optimizing and upgrading petrochemical industry across Jiangxi, to strengthen the industrial clusters, give better play to the leading enterprises and further expand industrial chains to organic silicon, polyolefin, high-end electronic chemicals and other new materials. In 2018, the petrochemical industry is projected to maintain steady growth, achieving a prime operating revenue of CNY 330 billion and contributing taxation worth CNY 45 billion; by the end of the 13<sup>th</sup> Five-year Plan, the petrochemical industry is expected to achieve an annual prime operating revenue totaling CNY 400 billion.

(4)Glass fiber and composite materials. To spread energy-saving and emission-reducing technologies and equipment and achieve green development; to promote the integration of industrialization and IT-based initiatives (internet plus) and optimize capacity of the industry to improve quality and efficiency; to develop glass fiber reinforced composite materials by perfecting and expanding the industrial chain to meet the demand of emerging industries and urbanization. To endeavor to encourage advantaged enterprises to step up R&D of new products, focusing on development of low-cost, high-performance and special-purpose glass fiber and relevant products to meet the demand of electronics manufacturing and other growing industries. By 2020, the

building industry in Jiangxi would endeavor to achieve an annual prime operating revenue of CNY 450 billion, with an annual average growth rate of 9.3%, among which the output of glass fiber and composite materials would double the current output, displaying an annual average growth higher than 15% and accounting 15% of the national total output.

### III. Industrial Distribution

(1) Nonferrous metals. As for copper, to build an industrial network centered in Yingtan and focused in Nanchang, Shangrao and Ganzhou, shaping regional features and actively promoting the development of copper-based new materials. In Nanchang to build copper deep-processing and new material R&D bases by relying on the Jiangxi Copper Industrial Park and focusing on R&D of new products; in Shangrao to foster and develop copper recycling and comprehensive utilization with the copper mines as guarantee of raw materials; in Ganzhou to build a scrap copper comprehensive utilization demonstration base and develop toward the high-efficiency recycling and utilization of scrap and impure copper. As for tungsten, to facilitate tungsten mining, smelting and deep-processing in Ganzhou and Jiujiang and foster complete tungsten industrial chains; in Nanchang to focus on development of technological innovation R&D platforms integrating tungsten deep-processing and production, education and research led by Jiangxi Tungsten; to build state-level high-tech industrial clusters of high-end hard alloy and tungsten deep-processing centered in Nanchang and steering Jing'an; to build a characteristic new tungsten material base centered in Ganzhou and influencing neighboring counties and cities; to build a tungsten industrial base centered in Jiujiang and influencing Xiushui, Wu'ning and Duchang. As for rare earth, to build the Rare Earth Valley of China in Ganzhou, implement major science and technology programs, address common challenges in the industry, cultivate high-tech enterprises, and with China Nanfang Rare

Earth Group at the core foster professionals and experts, facilitate commercialization of scientific and technological achievements and promote the the efficient distribution and comprehensive integration of regional scientific and technological resources. To steering innovation factors to concentrate in Rare Earth Valley of China and build the valley into a world-famous and globally influential high-tech rare earth and rare metal industrial park.

(2)Steels. Xinyu shall endeavor to build steel and steel product deep-processing cluster, develop characteristic products toward new special steel materials, deep-processing of special steels and high-end equipment manufacturing. Nanchang shall step up the development of autopart steel by relying on the market competence of spring flat steel and automotive springs, expedite the steel structure industry in Jinxian County to develop toward more technologically advanced space steel structure and heavy steel structure and expand steel structure product portfolio. Pingxiang shall develop new powder metallurgy materials by relying on current foundation in new steel materials and build up advanced powder metallurgy industry and grow into a key development area for advanced powder metallurgy machinery manufacturing in China.

(3)Petrochemical materials. To hold fast to the integrated and intensive development patter of industrial integration and develop new chemical materials. To focus on promotion of organic silicon in Yongxiu, fine chemicals in Leping and other industrial clusters and build a green industrial network with matching upstream and downstream links, appropriate structure and recycling momentum.

(4) Glass fiber and composite materials. To focus on development of the two industrial clusters (bases) in Lushan of Jiujiang and Shangyou of Ganzhou and the construction of glass fiber industries in Fengxin of Yichun and Yugan of Shangrao, represented by Jiangxi Dahua Yuntong Glass Fiber and Jiangxi Huangjin Glass Fiber

respectively, so as to shape a 2+2 glass fiber and composite material industrial network leading to south and north as well as east and west.

#### IV. Major Directions and Target Regions in Investment Promotion

(1) Nonferrous metals. The copper industry would focus on investment promotion efforts in fields of IT, electrical appliances, mobile communication, transportation building, aviation and other links along the extend industrial chain. Mainly target on domestic cities including Taiwan, Hong Kong, Shanghai, Zhejiang, Guangdong, Jiangsu and Anhui as well as overseas countries and regions including Japan, US, Germany, etc.. The tungsten industry would focus on investment promotion efforts in fields of quality tungsten materials as well as tungsten profiles, high-performance hard alloy and hard face materials, NC coated cutters and drilling tools and other extend applications. Mainly target on domestic cities including Hong Kong, Hu'nan, Fujian, Jiangsu and Zhejiang as well as overseas countries and regions including Japan, US, Sweden, Germany, France, Israel, etc.. The rare earth industry would focus on investment promotion efforts in fields of development of magnetic materials, luminescent materials, catalyzers, hydrogen storage materials and extension of terminal applications as well as new rare earth materials and applications. Mainly target on domestic cities including Beijing, Fujian, Guangdong, Zhejiang, Shanghai, Hong Kong, as well as overseas countries and regions including Japan, US, Russia, etc..

(2) Steel. In conformity with trends of industrial concentration and upgrading, to develop new deep-processed steels and introduce new materials, new techniques and new technology programs including special steels, electrical steels, steel slabs, steel tubes, strip steels, steel structures and high-end powder metallurgy to give full play to advantages and make up for weaknesses and realize industrial concentration and expansion. Mainly target

on domestic cities including Guangdong, Zhejiang, Jiangsu and Taiwan as well as overseas countries and regions including Japan, ROK, Europe, US, etc..

(3)Petrochemical materials. To focus on investment promotion efforts in fields of organic silicon, polyolefin, high-end electronic chemicals and other new chemical materials and expand industrial chains. Mainly target on domestic cities including Shanghai, Zhejiang, Guangdong and Jiangsu as well as overseas countries and regions including US, Germany, etc..

(4)Glass fiber and composite materials. To make active efforts in introduction of major and leading players in the industry and leading enterprises including China National Building Material Group or Sinoma and develop downstream products including glass fiber products and composite materials. Mainly target on domestic cities including Jiangsu, Zhejiang, Guangdong, Beijing, Tianjin, Hebei and Taiwan as well as overseas countries and regions including US, Japan, etc..

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of nonferrous metal sector and build a number of domestic leading copper, tungsten and rare earth industrial bases..

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified

guidance on development of nonferrous metal sector, optimize its industrial distribution and clarify directions and focus of development, so as to promote upgrade and development of the nonferrous metal sector.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of new material industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Bio-engineering and Pharmaceutical (including TCM)

### I. Current State

Jiangxi boasts time-honored bio-engineering and pharmaceutical (including traditional Chinese medicine) industry and Zhangshu in Jiangxi is known as the capital of medicine with thousand-year history in south China. Jiangxi is also well-renowned for its traditional herb preparation schools, i.e. Zhang School and Jianchang School, two out the four major traditional Chinese medicine(TCM) preparation schools. Since the beginning of 21st Century, CPC Jiangxi Provincial Committee and Provincial People's Government has been attaching great importance to bio-engineering and pharmaceutical (including TCM) sector and supporting its progress as one of the strategic emerging industries, vigorously promoting its development. The bio-engineering and pharmaceutical sector is one of Jiangxi's advantaged industries with a prime operating revenue over CNY 100 billion. In 2017, the prime operating revenue of bio-engineering and pharmaceutical sector in Jiangxi totaled CNY 137.325 billion, up by 13.89% over the previous year. Five major bio-engineering and pharmaceutical clusters have come into being, i.e. the one in Nanchang National High-tech Industrial Development Zone, in State-level Xiaolan Economic and Technological Development Zone, the medical device cluster in Jinxian County, pharmaceutical cluster in Zhangshu and medicine cluster in Yuanzhou District of Yichun, and there are in Jiangxi a large number of leading enterprises including Jiminkexin Group, Renhe Pharmacy, Qingfeng Pharmaceutical Group, Hui ren Group, JZJT, Hongda Medical Equipment Group, Baishen Pharmaceutical, etc.. In addition, there

are special industrial clusters of moderate scale like the TCM cluster in Nanchang Sanghai Economic and Technological Development Zone, TCM and transfusion cluster in Fuzhou National High-tech Industrial Development Zone and Dongxiang Development Zone, chemical raw medicine cluster in Jingdezhen and the TCM cluster in Jinggangshan Economic and Technological Development Zone

The bio-engineering and pharmaceutical (including TCM) sector of Jiangxi Province features prominent superiority as follows: firstly, a well-established sub-sector portfolio with TCM and medical devices at dominance. Jiangxi boasts a full coverage of all the four sub-sectors of medicine, i.e. patent TCM, chemical medicine, medical device manufacturing and bio-medicine, contributing to the well-established industrial network and industrial chain, among which the prime operating revenue of TCM ranks third nationwide and that of medical device manufacturing ranks fifth nationwide; secondly, fast developing industrial clusters, e.g. there is a well-established industrial chain integrating R&D, manufacturing, logistics and marketing of medicine, medical devices, health care products and nearly 200 health-related enterprises in Nanchang National High-tech Industrial Development Zone; the medical device cluster in Jinxian boasts 120 medical device manufacturers, covering 102 categories of medical devices and accounting for 30% of disposable infusion set market share in mainland China; the medicine cluster in Zhangshu has gathered 108 enterprises in herb planting, processing and preparation, TCM, health care product R&D, medicine distribution, e-commerce, logistics and other medicine-related fields.

## II. Development Goals

To improve technological innovation capability, Jiangxi is to vigorously develop modern Chinese medicine and medical device sector, actively promote chemical pharmaceutical industry and endeavor to make breakthroughs in bio-pharmaceutical technologies, build up backbone enterprises, cultivate a number of advantaged products and speed up the establishment of a new industrial layout with optimized industrial distribution, higher agglomeration degree, larger business scale and stronger competence, so as to build bio-engineering and pharmaceutical into one of the major strategic emerging industries of Jiangxi. It's expected that by 2020 the prime operating revenue of

bio-engineering and pharmaceutical sector in Jiangxi would total CNY 200 billion, there would be 2 leading enterprises with prime operating revenue over CNY 10 billion, 3 enterprises with prime operating revenue at CNY 5 to 10 billion, 5 enterprises with prime operating revenue at CNY 2 to 5 billion; 6 major categories with annual sales worth over CNY 1 billion, 10 with annual sales worth over CNY 0.5 to 1 billion and 60 with annual sales worth over CNY 100 million; More than new drugs would be developed and 10 new types of medical devices would be developed and sold in the market. Jiangxi would be built into the major herb plantation base, the modern TCM manufacturing base and medicine distribution center and major medical device concentration area in China.

### III. Industrial Distribution

As for patent TCM, give priority to develop Nanchang and Yichun and adoption of modern biological technology, advanced pharmaceutical technology and preparation technology, implement major category strategy and redevelop the traditionally prestigious patent TCM; highlight the construction of medical herb base required by major TCM manufacturers and speed up the development of local herb plantation and crucial resources; accelerate the integrated upgrade of TCM tablet manufacturers to contribute development of leading manufacturers and competent brands.

As for chemical medicine, give priority to develop Nanchang and Ganzhou and make breakthroughs in key production technologies of advantaged bulk raw materials and pharmaceutical intermediates, commercialize advantaged varieties of medicine and apply new preparation technologies including slow release and controlled release preparation, targeting preparation, transdermal DDS, etc.; support enterprises in Jiangxi to take lead in manufacturing world-renowned best-selling off-patent medicine and develop micromolecule compound with independent IPR.

As for biotechnical medicine, give priority to develop Fuzhou and Ji'an and make breakthroughs in deep processing of plasma and proceed to develop series of relevant products, press ahead in developing blood products, antitoxin, antiserum and products of the same kind; actively introduce manufacturing and R&D enterprises engaged in fields of vaccines, genetic engineering and polypeptide medicine, antibodies, nucleic acid medicine, diagnosis products, etc..

As for medical devices, give priority to develop Nanchang and support local enterprises to improve and upgrade quality of current advantaged products including transfusion and injection devices, general healthcare materials, hematology analyzer, IVD reagents, etc.; introduce competent well-known medical device manufacturers and highlight R&D and manufacturing of products urgently needed in clinical applications and widely applied products including medical imaging, radiotherapy, interventional therapy, surgical implant, IVD reagent; give priority to support R&D and manufacturing of high-end medical devices including digital diagnostic equipment, tissue repair and regeneration material, molecular diagnosis and preparations, artificial organs and prolonged life support, health monitoring devices, etc..

#### IV. Major Directions and Target Regions in Investment Promotion

Further push forward the implementation of introducing major and premium projects and focus efforts on investment promotion in developing industrial clusters and key sectors, intensify investment promotion in fields of patent TCM, chemical medicine, biotechnical medicine and medical devices according to industrial distribution and planning, strive to introduce a number of leading projects, supporting projects and technological innovation projects. Among which to introduce:

Patent TCM: projects in Chinese herb plantation and development of herb resources. Chemical medicine: projects in industrialization of slow release and controlled release preparation, take lead in manufacturing world-renowned best-selling off-patent medicine and develop micromolecule compound with independent IPR. Biotechnical medicine: projects in plasma deep processing, vaccines, genetic engineering, polypeptide medicine, antibodies, nucleic acid medicine, diagnosis products. Medical devices, projects in medical devices including transfusion and injection devices, general healthcare materials as well as other relevant projects in medical imaging, radiotherapy, interventional therapy, surgical implant, IVD reagent, etc..

Mainly target on domestic cities including Beijing, Shanghai, Shenzhen of

Guangdong Province and Tianjin as well as US, Japan, ROK, Switzerland and other countries across the world.

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of bio-engineering and pharmaceutical sector.

In May 2014, Jiangxi Provincial People's Government issued Guiding Opinions on Upgrade and Development of Key Industrial Sectors and proposed to intensify classified guidance on development of bio-engineering and pharmaceutical sector, optimize its industrial distribution and clarify directions and focus of development, so as to promote upgrade and development of the bio-engineering and pharmaceutical sector.

In 2016, Office of Jiangxi Provincial People's Government issued Development Planning of TCM Healthcare Service in Jiangxi(2016—2020)(Ganfutingfa[2016]16) and proposed to promote the rapid development of TCM healthcare service driven by TCM technological innovation, focusing on TCM medical service, healthcare and rehabilitation, senior care, healthcare tourism under the guideline of building Jiangxi into a strong TCM market player.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of healthcare

industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## New Energy

### I. Current State

As for photovoltaic energy sector, the industry started from scratch in 2005 and has grown into a giant in a super fast development momentum. In 2017, there are 94 above-scale photovoltaic enterprises with a total investment over CNY 100 billion, among which Jinko Solar, Saiwei LDK, Sornid Hi-tech, Reenergy, etc. are to be found. Most of these photovoltaic enterprises are to be found in Xinyu, Shangrao, Jiujiang, Nanchang, Jingdezhen, Yingtan, in particular National Shangrao Economic and Technological Development Zone and Xinyu High-tech Industrial Development Zone, now major concentration area of photovoltaic industry in Jiangxi. The photovoltaic energy industry has well-established industrial chain and supporting links, capacity and technological competence ranking high nationwide. Some products including silicon materials and silicon wafers secure world-leading capacity, with the capacity of silicon material, silicon wafer, battery plate and solar cell packs totaling 26 thousand tons, 20,700 MWp, 5,150 MWp and 6,845 MWp respectively, forming a complete industrial chain ranging from silicon material, silicon wafer to solar cell packs. In 2017, the prime operating revenue of photovoltaics sector totaled CNY 108.96 billion, up by 16%, and taxation totaled CNY 7.81 billion, up by 8.1% from the previous year, displaying healthy, stable and positive development trends.

As for lithium energy sector, most of lithium energy enterprises are to be found in

Yichun, Ganzhou, Xinyu, Jiujiang, Ji'an and Fuzhou, forming two lithium industry concentration areas centered in west Jiangxi(Yichun, Xinyu) and south Jiangxi (Ganzhou, Ji'an) and a complete lithium chain going as lithium ores→lithium carbonate→lithium battery materials→lithium battery→applications. In 2017, there are in Jiangxi 55 above-scale lithium energy enterprises, equipped with annual capacity of 90 thousand tons of lithium and 3.292 billion Ah of lithium battery energy, a number of enterprises including Jiangxi Ganfeng Lithium, First New Energy Group, Farasis Energy and Jiujiang Tinci High-tech Material boasting strong competitive edge in China and even across the world. In 2017, the prime operating revenue of above-scale lithium energy enterprises in Jiangxi totaled CNY 31.96 billion, up by 27.6%, and profit totaled CNY 3.32 billion, up by 46.3%.

## II. Development Goals

As for photovoltaic energy sector, to make full use of current industrial foundation and advantaged resources, step up independent innovation and reinforce investment on research and development, promote industrial concentration and integration, so as to further consolidate and expand the current status and advantages of the photovoltaic energy sector in Jiangxi. By 2020, the prime operating revenue of photovoltaic energy sector in Jiangxi is expected to top CNY 150 billion, the leading enterprises consistently expanding and there would be more than one with annual sales worth over CNY 50 billion and 3 with annual sales worth over CNY 10 billion.

As for lithium energy sector, to give full play to advantages in resources and consistently strengthen and expand the lithium energy chain going from beneficiation of lithium ores to battery materials to Li-ion battery to lithium new-energy automobiles and applications, fostering the outstanding enterprises into industry leaders and endeavoring to

make new breakthroughs in deep-processing, new-type Li-ion power battery electrode, high-capacity high-power battery. By 2020, the prime operating revenue of lithium energy sector is expected to top CNY 50 billion, the leading enterprises consistently expanding and there would be more than 2 with annual sales worth over CNY 10 billion and 8 with annual sales worth over CNY 1 billion.

### III. Industrial Distribution

As for photovoltaic energy sector, focusing on key areas including Xinyu, Shangrao and Jiujiang and key links including silicon material, silicon wafer and battery plate while working with leading enterprises in the field, endeavor to develop advanced supporting industries and facilitate the R&D of key supporting materials for polysilicon battery packs as well as distributed power generation, so as to build well-established industrial structure. Meanwhile to introduce advanced technology and enterprises in links of photovoltaic conversion material preparation and flexible base material, focusing on fields including thin film silicon solar cell, polycompound thin film silicon solar cell and organic thin film silicon solar cell.

As for lithium energy sector, to take west and south Jiangxi as core development areas for lithium battery and materials while Nanchang, Shangrao and Ganzhou as core development areas for lithium energy applications, endeavoring to build state-level lepidolite comprehensive utilization and processing base, lithium battery material manufacturing base and lithium industrial transfer base. To focus on development of the lithium power industrial cluster featuring lepidolite development and application in Yichun; the lithium power industrial cluster in Xinyu featuring lithium exploitation and utilization; the lithium power industrial cluster in Ganzhou featuring development and utilization of ternary materials.

### IV. Major Directions and Target Regions in Investment Promotion

As for photovoltaic energy sector, to vigorously carry out investment promotion for all links along the industrial chain of supporting materials including silicon materials, ingot casting(anchor rod), slicing, solar cells, battery module, application system and inverter, solar panel, agent, etc.. Mainly target on domestic cities including Beijing, Jiangsu, Shanghai and Taiwan as well as overseas counties and regions including US, Germany, Japan.

As for lithium energy sector, to focus on introduction and development of technologies and projects in advanced battery materials, lithium-ion power battery, storage battery and electrolyte. Mainly target on domestic cities including Jiangsu, Zhejiang, Shanghai and Guangdong and Taiwan as well as overseas counties and regions including US, Germany, Japan.

#### V. Major Policies and Measures in Investment Promotion

In June 2013, Jiangxi Provincial People's Government issued Opinions on Further Implementing the Strategy of Invigorating Jiangxi through Industrial Progress and Accelerating New Industrialization and proposed to actively boost undertaking potency of industrial transfer, intensify fiscal support on and apply favorable financial and land acquisition policies to leading industries and key projects conforming to the overall planning of Jiangxi, improve service and government coordination, lower costs on coals, electricity, oil, transportation and other means of production, endeavoring to promote the development of new energy sector.

In September 2013, Jiangxi Provincial People's Government issued Several Opinions on Facilitating the Healthy Development of Photovoltaic Industry in Jiangxi, releasing 16 measures to step up the technological development, marketing, transformation and upgrading of photovoltaic industry in Jiangxi.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial

People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of new energy industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Energy Conservation and Environmental Protection

### I. Current State

Jiangxi is actively pressing ahead with the green development and eco-friendly strategy. Energy conservation and environmental protection sector, as one of the key growing sectors, is well-developed in Jiangxi. There are across the province over 1,500 relevant enterprises, among which the high-efficiency lighting products are highly competent, energy conservation equipment quite characteristic, environmentally-friendly ceramics well-established and comprehensive resource utilization highly potent. Leading enterprises in this field include Lattice Power Jiangxi, CECEP Lattice Lighting, Jiangxi Lianovation, Huayi Compressor, Tellhow Technology, BPUC Environment, Jiangxi Huadian Energy, Jiange Motor, Jiangxi JDL Environmental Protection, Jiangxi GEM Recycling, etc..

### II. Development Goals

It's expected that the prime operating revenue of energy conservation and environmental protection sector would total CNY 250 billion in 2020, forming a moderately developed energy conservation and environmental protection industrial system covering equipment manufacturing, production of relative products, extended service and technological development.

### III. Industrial Distribution

To focus on construction of energy conservation and environmental protection R&D and service core cluster in Nanchang, energy conservation and environmental protection

cluster in Pingxiang, resource comprehensive utilization cluster in Ganzhou, energy conservation equipment and environmental protection service cluster in Xinyu. In regard to high-efficiency energy conservation, to develop high-efficiency motors, energy-saving boilers(kilns), low-temperature expansion screw power set, GSHP and environmental protection technologies and equipment by working with Jiangte Motor, BPUC Environment, Jiangxi Huadian Energy and other key enterprises. In regard to featured environmental protection, to reinforce input on R&D of soil remediation, sewage treatment, gas purification, integrated utilization of solid wastes, endeavor to promote the commercialization of porous ceramic membrane, new-type environmentally-friendly filter, desulfurized and denitrified catalyst, automobile exhaust purifier and step up construction of recycling economic chains and industrial network for nonferrous metals, steels, petrochemical and building materials. In regard to energy conservation and environmental protection service, endeavor to develop relevant service centered in contracted energy management, third-party environmental pollution regulation and comprehensive solutions and foster new business patterns including emission right exchange, pollution liability insurance and remanufacturing service.

#### IV. Major Directions and Target Regions in Investment Promotion

To vigorously introduce major and premium projects and further promote industry-oriented investment promotion. In regard to high-efficiency energy conservation, to introduce energy-saving boilers and kilns, high-efficiency motors, energy-saving electric and lighting projects; in regard to featured environmental protection, to environmentally-friendly materials and characteristic recycling economic chains; in regard to energy conservation and environmental protection, endeavor to introduce well-known enterprises home and abroad to engage in contracted energy management, third-party environmental pollution regulation and emission right exchange in Jiangxi. Mainly target on domestic cities including Beijing, Shanghai, Guangdong as well as overseas countries including US, Germany, Italy and Japan.

## V. Major Policies and Measures in Investment Promotion

In January 2016, Jiangxi Provincial People's Government issued Implementation Opinions on Accomplishing Made in China 2025 and proposed to build energy conservation and environmental protection as one of the growing sectors by strengthening reform and innovation, enhance financial service, fiscal support and investment promotion to facilitate the development of industrial clusters and accelerate its development and upgrade. For 5 consecutive years from 2016, Jiangxi would allocate CNY 1 billion each year from the provincial financial fund and newly added budget to support the development and upgrade of relative manufacturing.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of energy conservation and environmental protection industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Agricultural Machinery

### I. Current State

In recent years, Jiangxi has been witnessing rapid development in agricultural mechanization. By the end of 2017, the power output of agricultural machinery in Jiangxi totaled 23,090 million MW; there are over 60,000 large and medium-sized tractors, an increase of 8,000 from the previous year; 79,000 sets of combine-harvester and 16,100 sets of transplanter, up by 13,400 and 1,500 from the end of 2015; rapid progress has been made in fishery, animal husbandry, protected agriculture, tea-leaf production and fruit industry and sharp improvement in structure of agricultural equipment, vigorously backing up the efforts in developing Jiangxi into a province strong in modern agriculture. 71.15% of the staple crop plowing, sowing and harvesting workload are done with machinery and 76.16% for that of paddy rice, up by 4.65 and 4.86 percentage points respectively from the year 2015; 31.15% of the paddy rice is machine-transplanted, up by 10.4 percentage points from the year 2010, the rice planting entering into a new phase centered on mechanical operation.

Jiangxi is a province huge in agricultural output, weak in agricultural machinery manufacturing and strong in agricultural machinery consumption. The agricultural machinery manufacturers in Jiangxi mainly supplies walking tractors, engine-driven threshers, rotary cultivators and sometimes other products. Over 100 local agricultural machinery manufacturers have been listed on subsidy catalog of Jiangxi, mostly in Nanchang, Xinyu and Ji'an. Statistics show there are 16 walking tractor manufacturers,

mainly engaged in assembling Type 15 machinery, most of which to be sold within Jiangxi; 20 engine-driven thresher manufacturers, mainly engaged in manufacturing Type 5T-70, which are sold across China and secure most domestic markets; 6 rotary cultivator manufacturers whose products are often sold to plain regions in north China. Those enterprises feature small scale, inadequate capital, low-tech, low innovation capacity, weak competence and lack of well-known brands, severely restraining the development of agricultural machinery industry in Jiangxi.

The agricultural machinery industry in Jiangxi is proposed to develop in-depth comprehensive service and the extensive coverage of mechanical operation in animal husbandry, forestry and orchard, preliminary produce processing and protected agriculture. By the end of 2017, there were 1,103 agricultural machinery cooperative organizations registered in authorities, which employed 21,660 members and covered 50% of target space, expanding their service coverage from crop farming to aquaculture and animal husbandry, forestry, orchard and gardens, preliminary produce processing and protected agriculture and improving the organization and comprehensive service competence. The agricultural machinery operation is now highlight of comprehensive agricultural service and a critical approach for consistently growing income for farmers.

## II. Development Goals

Reinforced efforts shall be made in investment promotion of agricultural machinery industry to expand and strengthen the agricultural equipment industry by building brand names, fostering leading enterprises, making breakthroughs in automatic, networked, smart and precision equipment and focusing on development of cultivation and seeding machines, large and medium-sized tractors, combine harvester, new-type plant protection equipment, rotary cultivator, straw recycling machines, cereal dryers, fruit and vegetable processing machines. By 2020, the above-level agricultural machinery enterprises in Jiangxi is expected to achieve a prime operating revenue topping CNY 4 billion and ever-growing R&D and manufacturing competence; to build 1 to 2 province-level technological centers and 1 state-level R&D center; to foster 1 to 2 enterprises with decent competence and an annual prime operating revenue over CNY 300 million; to improve the industrial chain to foster scale and aggregation effect and endeavor to cultivate 1

province-level agricultural equipment industrial base and a number of supporting equipment and component manufacturers.

### III. Industrial Distribution

According to Action Planning on Development of Agricultural Machinery(2016-2025) and in light of features of Jiangxi Province. Priorities of development as below:

As for power machinery, to develop large and medium-sized roller tractor series and caterpillar rotary cultivators; as for harvesting machinery, to develop caterpillar combine harvester series, tea-leaf harvesters and tea oil harvesters; as for cultivation machinery, to develop paddy rice seedling transplanters and vegetable planters; as for post-harvest processing machinery, to develop cereal dryers, fruit and vegetable preservers and dryers, post-harvest fruit and vegetable treatment equipment and automatic preparation and packaging equipment, tea-leaf deactivation, rolling, drying and screening equipment and fodder processing equipment mainly targeted on aquaculture and animal husbandry; as for aquaculture machinery, to develop high-efficiency oxygen-enriching machines, water purification machine and incubators; as for plant protection machinery, to develop high-efficiency automatic boom sprayer and smart plant protection UAV; smart agricultural equipment and small-sized new-energy machines and tools suitable for the hilly area in Jiangxi.

### IV. Major Directions and Target Regions in Investment Promotion

Firstly to build provincial key agricultural machinery industrial park. Priority shall be given to develop agricultural machinery park in Xinyu, Nanchang Xiaolan Economic and Technological Development Zone and Xinfeng Industrial Park. To put together a number of major agricultural machinery projects for investors and introduce domestic and world-famous agricultural machinery enterprises to invest in, settle down in and cooperate with Jiangxi Province, improving the manufacturing expertise of agricultural machinery. To focus investment promotion efforts in introduction of the state-of-the-art paddy rice seedling transplanters, automatic caterpillar combine harvester, large and medium-sized

tractors, cereal dryers, preservation and storage equipment, tea-leaf processing equipment and other agricultural machinery and component enterprises, so as to promote the concentration and development of agricultural machinery industry in Jiangxi.

Secondly to strengthen technological innovation of enterprises and make special efforts to support a number of high-tech agricultural machinery enterprises get the National High-tech Enterprise Qualification and foster a number of leading enterprises with high-tech products and great market potentials. Meanwhile to step up transformation of development pattern and support small and medium sized agricultural machinery enterprises to get more professional, proficient, specialized and innovative, cultivate a number of component enterprises with comparative advantages and facilitate optimization and upgrade of industrial structure.

Thirdly to reinforce support on R&D of agricultural machinery. To strengthen support from relevant authorities on agricultural machinery research and development, marketing and financing. To guide agricultural machinery enterprises in application for province-level technological centers and state-level agricultural machinery R&D centers and drive integration of agricultural machinery with agricultural technology. To work out agricultural machinery product suitable for characteristics of Jiangxi by working with research institutes and current research achievement and technologies. To gradually improve the hardware and software of key agricultural machinery labs and pay more attention to introduction of professionals and cultivation of local experts.

#### V. Major Policies and Measures in Investment Promotion

In October 2014, Jiangxi Provincial People's Government issued Implementation Opinions on Accelerating the Development of Agricultural Machinery Industry and Its Application(Ganfufa[2014]22) and proposed the development directions, goals and

preferential policies for the agricultural machinery industry.

In January 2016, Jiangxi Provincial People's Government issued Implementation Opinions on Accomplishing Made in China 2025(Ganfufa[2016]3) and proposed, in case all other factors being the same, to give priorities to agricultural machinery manufacturers in product R&D, technological upgrade and innovation and smart manufacturing.

## Modern Service

### I. Current State

In recent years, the regions across Jiangxi and local authorities have been earnestly implementing the decisions and plannings of the CPC Jiangxi Committee and the Jiangxi People's Government, stepping up the practice of the 3-year Accelerated Development Program for Service Industry. The steady and positive progress of the service sector in Jiangxi Province and its top ranking in growth rate among the three industrial sectors as well as its decent growth momentum of “accelerated growth, higher ratio, consistent progress” offer strong support for steady economic growth, economic restructuring, transfer of economic drivers, improvement of ecological environment and people's living standard. 139 province-level modern service concentration areas including the outsourcing base under Jiangxi Peking University Technological Park, Ahead mobile internet startup incubation base and Yuzhang No.1 province-level advertising industrial park came into shape and 231 leading service enterprises including Jiangxi Zonst, Jiangxi Hengshi Stock and Tang Ren C&S are booming. In 2017, the value added of the service sector in Jiangxi topped CNY 800 billion and totaled CNY 889.26 billion, up by 10.7%, 1.8 percentage points higher than the GDP growth rate of Jiangxi and 2.7 percentage points higher than the national counterpart, the 5<sup>th</sup> fastest among Chinese provinces. The ratio of value added to GDP came out as 42.7%, 0.7 percentage points higher than the previous year, the ratio ranking fourth in central Chinese provinces, equivalent to that of He'nan and higher than that of Anhui. The contribution rate of service to economy came out as 48%, 0.4

percentage points higher than the previous year and 4.3 percentage points of economic growth could be attributed to it; the contribution rate of service sector is higher than that of the secondary industry. The investment for the service sector totaled CNY 944.12 billion, up by 9.5%, accounting for 43.4% of the total investment, 3 percentage points higher than that of the previous year; new service sector including scientific and technological service, information and software service and healthcare service attracted investment totaling 94.69 billion, up by 16.3%, 6.8 percentage points higher than the investment growth rate in service sector, and its ratio in the total investment on the whole service sector grew by 0.6 percentage point.

## II. Development Goals

Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, by putting in place the essence of the 19th CPC National Congress and implementing the fifth plenary session of the 14th CPC Jiangxi Committee, to make great efforts in developing new service sector, expand the medium and high-end service supply and facilitate transformation of development quality, efficiency and driving engines of the service sector in accordance with the requirement of quality development. By 2020, the added value of modern service sector is expected to top CNY 1 trillion, accounting for approximately 45% of the GDP, and a well-structured, well-planned and integrated modern service network providing quality service would come into being and endeavor to build Jiangxi Service a popular brand name.

## III. Industrial Distribution

By relying on advantaged location, endowment and industrial foundation of various regions, to further optimize the distribution of service sector and build a modern service network of “one core in the center, double drivers, expansion via seven belts and backup force from 100 spots” in accordance with the development rule of modern service as well as industrialization and urbanization.

One core in the center: to give full play to the comprehensive advantages and unique functions of Nanchang as the provincial capital and focus on development of finance and insurance, modern logistics, headquarter economy, business conventions and exhibitions, brand name consumption, culture and innovation, VR, outsourcing, high-tech service,

recreation and tourism, healthcare and senior care, building a high-end urban service core area.

Double drivers: by relying on the double routes of Beijing-Kowloon Railway and Shanghai-Kunming Railway, to focus on building of urban business distribution and concentration center and characteristic regional logistics center, to develop producer service, recreation, tourism service and rural business distribution in compliance with massive economy, to devote major efforts to development of featured and emerging service, improve quality and degree of urbanization, so as to make the double route important backup force for the development of service sector in Jiangxi.

Expansion via seven belts: by relying on regional centers, key functional platforms and comprehensive traffic routes, to vigorously develop 7 diversified service industrial belts with distinctive functions and development focuses.

—The emerging service industrial belt in Ganjiang New Area. By relying on Ganjiang New Area the state-level new area, to focus on development of financial service, airport service, aviation logistics, cross-border e-business, education and culture, healthcare and senior care, ecological tourism, recreation service, etc. in compliance with the integrated development of Nanchang and Jiujiang.

—The ecologically-friendly service industrial belt in south Jiangxi the former central Soviet areas. By relying on the premium ecological environment and unique resource advantages, to make full use of preferential national policies and endeavor to build regional financial center, logistics center and tourism center at the junction of Jiangxi, Guangdong, Fujian and Hu'nan.

—The inland open-up service industrial belt in northeast Jiangxi. By relying on the fast channels owing to the Shanghai-Kunming High-speed Rail and Beijing-Fuzhou High-speed Rail, to develop tourism and recreation, financial service, modern logistics, ceramics and cultural innovation by making full use of the advantaged location

neighboring Yangtze River Delta and West Taiwan Strait Economic Area.

—The modern producer service industrial belt in west Jiangxi. By relying on the favorable ecological environment and industrial foundation, to promote transformation and upgrade of economic growth mode and develop tourism and recreation, healthcare and senior care, e-business, culture and innovation, R&D and design, energy conservation and environmental protection, etc..

—The featured service industrial belt along the Ji'an-Taihe Corridor. By relying on the industrial transfer base of the Ji'an-Taihe Corridor, to fully explore historical and cultural heritage and focus on development of culture and tourism, modern logistics, information service, e-business, etc..

—The open-up service industrial belt along the coastal area of Jiujiang Port. By relying on the golden waterway of Yangtze River, to make full use of famous mountains and cities and great lakes to develop port logistics, tourism and recreation, business service, etc..

—The inland port service belt along the Xiangtang-Putian Railway. By relying on Xiangtang-Nanchang Railway and the Fuzhou-Yinchuan Expressway, to make full use of the advantaged location linking to west Taiwan Strait Economic Area and develop modern logistics, foreign trade service, etc..

Backup force from 100 spots. To give comprehensive planning over other areas, by relying on key industrial clusters, produce bases, regional traffic hubs, key tourism scenic areas, to step up efforts in building over 100 province-level modern service concentration areas with high industrial concentration degree, integrated service functions and strong demonstration effects, so as to build a modern service support network covering the whole province with the dotted service spots.

#### IV. Major Directions and Target Regions in Investment Promotion

As for producer service, to focus on introduction of finance, logistics and e-business projects, to introduce and foster a number of leading enterprises while cultivating a number of famous brand names, which shall then be built into backbone force supporting development of producer service. To make active efforts to introduce information, science and technology, R&D and design, business consulting, energy conservation and environmental protection and other emerging service projects.

As for daily life service, to focus on introduction of tourism, business and culture projects, to cultivate national and regional service brand names, providing strong support to build Jiangxi into a province with strong tourism and culture business. To make active efforts to introduce healthcare and senior care and family service to meet the diversified and distinctive consumption demand of both urban and rural residents.

Mainly target on domestic cities including Beijing, Shanghai, Guangdong and Zhejiang, Hong Kong, Macau and Taiwan as well as overseas countries and regions including US, Japan, Europe.

#### V. Major Policies and Measures in Investment Promotion

In May 2012, Jiangxi Provincial People's Government issued Several Opinions on Accelerating the Development of Service Sector in Jiangxi and proposed to improve and build up the service policies on taxation, loans, land acquisition and cost cuts, further reinforce the support on service sector and endeavor to create institutional environment for the accelerated development of service sector.

In May 2015, Jiangxi Provincial People's Government issued Several Measures on Promoting the Stable and Healthy Economic Development and proposed to help accelerate the development of modern service enterprises with measures including unified

electricity and gas price for commercial use, lowered unemployment premium rate, lowered highway tolls to save logistics costs, etc..

In April 2016, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Accelerating Development of Life Service and Promote Consumption Structure Upgrade and proposed to focus on application of new technologies, driving of new modes and development of new business patterns, to target on key areas, increase effective supply, expand consumption demand and promote standard upgrade, to drive policies and measures in facilitating, refining and improving daily life service.

In June 2016, Jiangxi Provincial People's Government issued Implementation Opinions on Vigorously Giving Play to the Driving Effect of New Consumption and Accelerating the Development of New Supply and New Driving Engines and proposed to motivate new initiatives with supply-side structural reform and institutional reform, to release new market potential by improving consumption environment and market order, to meet new demands by expanding effective supply and improving service quality, to promote a series of policies and measures for the positive interaction of consumption and investment, the coordinated progress of industrial upgrade and consumption upgrade as well as the effective fusion of innovation as driving engine and economic restructuring.

## Modern Logistics

### I.Current State

Logistics, linking production and consumption on both ends, is the basic and strategic industry for national economy. Jiangxi is a province with a huge logistics industry and logistics as a traditional industry of Jiangxi is comparatively advantaged. In recent years, the CPC Jiangxi Committee and Jiangxi Provincial People's Government have been attaching great importance to logistics industry and promoting its development, in particular great progress and breakthroughs have been made in logistics industrial cluster, logistics standard practice, urban distribution, smart logistics, etc.. Jiangxi has a decent reserve of logistics enterprises amounting to 16,000. In 2017, there were 162 A-level logistics enterprises, 30 of which were newly approved and 2 of which 5A enterprises; 5 more newly accredited province-level key business and trade logistics parks(centers) made the total to 17 and 10 more newly accredited key business and trade logistics enterprises made the total to 69; the 50 logistics industrial clusters across Jiangxi achieved an estimated prime operating revenue of CNY 245 billion, up by 10%. There are a number of leading enterprises including China Railway Nanchang Group, Jiangxi Jingjiu Logistics, Jiangxi Wanji Logistics, Jiangxi Sanzhi Logistics, Jiangxi ZGT Supply Chain Management, SIPG Jiujiang Port Company, Nanchang Suning Logistics, EMS, Jiangxi AT56, Dajin Logistics in Pingxiang, Shangrao Xinhualong Logistics, Xinyu Donghualong Logistics, etc. and 50 logistics industrial clusters including the comprehensive logistics industrial cluster in Xiangtang, waterway logistics industrial

cluster in Jiujiang, furniture logistics industrial cluster in Nankang, ceramics logistics industrial cluster in Gao'an, comprehensive logistics industrial cluster in Fuzhou, etc. as well as over 70 logistics industrial parks including Jiangxi Yinyan Logistics Base, the logistics park in Jinggangshan Economic and Technological Development Zone, the comprehensive logistics park in Ganzhou, the logistics park in north Fuzhou, Xinhualong Logistics Park in Shangrao. In terms of major projects, the Transfar Logistics plans to invest CNY 20 billion in building the smart highway port with "one junction and five centers", Jingdong plans to invest CNY 1.5 billion in building Asia One smart logistics center, etc..

Logistics industry of Jiangxi boasts distinctive features and complete industrial network and solid foundation in cold-chain logistics, LCL direct-line logistics, medicine logistics, express logistics. In terms of cold-chain logistics, there are 113 cold-chain logistics practitioners, 3 of which star-level enterprises. Donghualong Logistics in Xinyu and Sanyou Auto Logistics rank 52<sup>th</sup> and 75<sup>th</sup> on the top 100 Chinese cold-chain practitioner list, Jiangxi Yufeng is among the top 50 domestic cold-chain practitioners. In terms of LCL direct-line logistics, Jiangxi Sanzhi Logistics is among the top 30 domestic practitioners with a prime operating revenue at CNY 850 million. In terms of medicine logistics, there are over 30 medicine logistics enterprises in Zhangshu, the prime operating revenue of 16 of which amounts to CNY 10.034 billion. In terms of express logistics, there are 560 express delivery enterprises and almost 70,000 employees. The waterway logistics industrial cluster in Jiujiang gathers 45 waterway cargo shipment and ocean cargo shipment enterprises and 136 freight port and berth service suppliers. The furniture logistics industrial cluster in Nankang gathers 370 logistic enterprises, 304 of which engaged in furniture transportation, holding over 1,000 direct lines, 500,000 m<sup>2</sup> of storage space, over 3,700 trucks and approximately 12 million tons of cargo turnover. Also there are over 70 business distribution enterprises including Vanguard, Strong-Mart in Ganzhou, Jiangxi Guoguang Commercial Chain, Ganyuting Trading Company, Nanchang Department Store, Suning, etc..

Nanchang and Jiujiang are among the list of third batch of national logistics

standardization pilot cities; Nanchang has been entitled national smart logistics delivery demonstration city; Nanchang, Ganzhou, Ji'an, Pingxiang, Xinyu and Yichun have been entitled province-level urban distribution pilot city. Jiangxi Lanhai Logistics is among the national smart logistics distribution bases, Jiangxi ZGT Supply Chain Management, Jiangxi Wanji Logistics, Jiangxi Guolei Logistics and Investment, Jiangxi Wuzhou Pharmaceutical Marketing have been entitled national smart logistics demonstration enterprises.

Rapid development of logistics information platforms. Jiangxi Provincial Logistics Public Information Platform, Jiangxi Yaotai Fengkuai Platform, Jiangxi Fourth Party Logistics Platform, the Ganzhou urban distribution public information platform under Jiangxi Qiancheng Logistics and the JJHIT public information platform in Ganzhou.

## II. Development Goals

By taking standardization as core and information approaches as backup, in order to reduce logistics cost and improve logistics efficiency, to focus on accelerated development of third-party logistics, establishment of standard tray recycling and sharing system, urban distribution pilot program, smart logistics demonstration and cultivation of leading enterprises, to create new logistics development approaches with the comprehensive utilization of internet plus and fourth party logistics platforms, to step up the in-depth integration of logistics with industry, agriculture, business and trade and e-business, to develop multi-modal transportation and an inter-connected, well-structured, technologically advanced, efficient and convenient logistics network and a number of logistics industrial clusters with diversified business and transportation patterns, displaying mutual competition, coordination and cooperation, resource sharing and consistent innovation in concentration areas and providing diversified, low-cost and high-efficiency logistics service to clients throughout upstream and downstream of the supply chain. By 2020, the prime operating revenue of the logistics industrial cluster is expected to amount to CNY 530 billion.

## III. Industrial Distribution

1. Nanchang. With the advantaged location neighboring Yangtze River Delta, Pearl River Delta and West Taiwan Strait Economic Area and the favorable position as Belt and

Road inland open economic highland and national distribution pivot cities, the advantaged infrastructure of railways, expressways, airport, ports and communication service, the advantaged open platforms including the A-level airport, 3 state-level development zones, 1 export processing zone, railway-sea relay transportation, China-Europe(Asia) railway routes, advantaged automobile, aviation, household appliance, information technology, electromechanical industry, business and trade, the diversified market demands and huge consumer population, well-established education network, the expanded space with Xinjian County merged into Nanchang as a district, preferential policies enjoyed as national e-commerce demonstration city, provincial urban distribution pilot city, to build Nanchang into a core growth pole and central city for domestic business and trade logistics and develop in Nanchang 8 logistics industrial clusters.

2. Ganzhou. With the advantaged location neighboring Pearl River Delta and the favorable position as the national regional distribution pivot city, the advantaged infrastructure of railways, expressways, airport and communication service, advantaged resources of naval orange industry, furniture industry, tungsten and rare earth, extensive land resources, favorable position as former central Soviet area, national e-business demonstration city, full coverage of e-commerce demonstration area in every county and provincial urban distribution pilot city, the diversified market demands and huge consumer population, the advantaged open platforms including 4 state-level development zones and 1 comprehensive bonded area, to build Ganzhou into a vital center for domestic business and trade logistics and develop in Ganzhou 7 logistics industrial clusters.

3. Jiujiang. With the advantaged 152 km of golden coastline along the Yangtze River and integration of Nanchang and Jiujiang and the favorable position as a key city in the Yangtze River Delta, the national regional distribution pivot city, the advantaged infrastructure of railway, expressway, airport, ports, etc., the advantaged open platforms including Jiujiang Port the A-level national port, 1 state-level development zone and export processing area, the advantaged IT, advantaged equipment, automobile, household appliances, textile and garments, agricultural produce industry, etc., to build Jiujiang into a vital port logistics city and important city for domestic business and trade logistics and develop in Jiujiang 6 logistics industrial clusters.

4. With the advantaged location neighboring Yangtze River Delta and Wanjiang River Economic Belt, the advantaged infrastructure of railways and expressways, the advantaged open platforms including 1 state-level development zone and a dry port, the advantage non-ferrous metal, photovoltaic, optical instrument, agricultural produce, trade and distribution industries, to build Shangrao into a vital trade and logistics city in northeast Jiangxi and develop in Shangrao 5 logistics industrial clusters.

5. Yichun. With the advantaged location at central west Jiangxi, the advantaged infrastructure of railways, expressways, airport and inland waterway, the advantaged pharmaceutical, salt chemical engineering, ceramics, fireworks and crackers industries, the transportation competence of Gao'an and Fengcheng as major transporters, the advantaged open platforms including 1 state-level development zone and hazardous article logistics center, to build Yichun into a central trade and logistics in west Jiangxi and develop in Yichun 5 logistics clusters.

6. Fuzhou. With the advantaged location neighboring West Taiwan Strait Economic Area and the integration of Nanchang and Fuzhou, the advantaged transportation owing to Xiangtang-Putian Railway and expressways, the advantaged equipment manufacturing, textile, medicine, honey oranges from Nanfeng, white lotus seeds from Guangchang, etc., the transportation competence of Guangchang and Nancheng as major transporters, the advantaged open platform of the 1 state-level development zone, to build Fuzhou into a central trade and logistics in Jiangxi and develop in Fuzhou 4 logistics clusters.

7. Ji'an. With the advantaged location as a former revolutionary base, the advantaged transportation owing to railways and expressways, advantaged IT, agricultural produce, bags and suitcases, light fixture industries, the advantaged open platforms including 2 state-level development zones and 1 export processing area, to build Ji'an into a vital trade and logistics center for central Jiangxi and develop in Ji'an 4 logistics clusters.

8. Yingtan. With the advantaged location neighboring West Taiwan Strait Economic Area, the advantaged transportation owing to railway hub and expressways, the advantaged open platform including 1 state-level development zone and copper disassembling processing area, the advantaged metal and glasses industries, to build Yingtan into a vital trade and logistics center for northeast Jiangxi and develop in Yingtan

3 logistics clusters.

9. Pingxiang. With the advantaged location at west Jiangxi and neighboring Changsha-Zhuzhou-Xiangtan Urban Agglomeration, the advantaged transportation owing to railway hub and expressways, the advantaged open platform including 1 state-level development zone, the advantaged industrial ceramics, packaging materials and fireworks and crackers industries, to build Pingxiang into a vital trade and logistics center for west Jiangxi and develop in Pingxiang 3 logistics clusters.

10. Xinyu. With the advantaged location at west Jiangxi, the advantaged transportation owing to railways and expressways, the advantaged open platform of the 1 state-level development zone, the advantaged photovoltaic, steel, featured agricultural produce, e-business industries, to build Xinyu into a large-scale professional logistics center for west Jiangxi and develop in Xinyu 3 logistics clusters.

11. Jingdezhen. With the advantaged location at northeast Jiangxi and neighboring Wanjiang River Economic Belt, the advantaged transportation owing to railways and expressways, the advantaged open platform including 1 state-level development zone and Jingdezhen International Ceramic Fair, the advantaged ceramics, helicopter, automobile manufacturing, vegetable wholesale industry in Leping, etc., the advantaged cultural heritage as the start of Belt and Road and position as the Ceramics Capital of thousands of years, to build Jingdezhen into a vital trade and logistics center for northeast Jiangxi and develop in Jingdezhen 2 logistics clusters.

#### IV. Major Directions and Target Regions in Investment Promotion

To work in accordance with the development trends of modern logistics home and abroad, reinforce efforts in investment promotion and introduce domestic and global enterprises to develop in Jiangxi large-scale logistics parks, large-scale smart storage and distribution centers, tray leasing, cold-chain distribution centers, smart highway ports, smart terminal distribution and other major logistics projects, so as to facilitate industrial concentration and develop the logistics industry.

Mainly target in domestic cities including Shanghai, Guangdong, Beijing, Zhejiang,

Hong Kong and Taiwan and overseas countries and regions including Japan, Europe and US, etc..

#### V. Major Policies and Measures in Investment Promotion

In January 2017, Office of Jiangxi Provincial People's Government issued Implementation Planning on Reduce Costs and Increase Efficiency of Logistics Industry in Jiangxi and proposed to build a number of logistics infrastructure, reinforce investment on public transportation infrastructure, encourage and guide private investment on logistics, intensify preferential policies and support, optimize administrative environment, reduce charges, build more urban distribution pilot spots, guarantee land supply for logistics industry, support enterprises to get listed, so as to accelerate the development of logistics industry.

In September 2016, Jiangxi Provincial People's Government issued Implementation Opinions on Promoting Domestic Trade and Distribution Modernization and proposed to optimize industrial structure, expand logistics industry and coverage of cold-chain logistics, promote transformation and upgrade of commodity trade and facilitate development of the logistics industry.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of modern logistics industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Integrated Tourism

### I. Current State

With in-depth learning, promotion and implementation of spirit of the 19<sup>th</sup> CPC National Congress and under the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, to plan, arrange and promote the development of tourism industry in Jiangxi. In recent years, the CPC Jiangxi Provincial Committee and Jiangxi Provincial People's Congress have been attaching great importance to tourism industry and vigorously implementing the strategy of strengthening Jiangxi with tourism proposing "to develop tourism like developing industrialization and urbanization", effectively improving the strategic importance of tourism; the 14<sup>th</sup> Provincial Party Congress decided to list tourism as one of the five driving engines and issue one after another preferential policies and measures to step up tourism development, consistently motivating new heights in tourism development. The overall revenue and tourist population have seen consistent escalation in recent years. In 2017 the tourist population at 573 million person-time and the overall tourism revenue at CNY 643.509 billion grew 21.57% and 28.87% from the previous year respectively, establishing a tourism destination network of "one core 3 districts 5 cities 10 counties 100 areas" and tourism route framework of "3 lines and 8 circles", the development focus in local scenic areas is transferred from sightseeing to recreation and vacationing and tourism is playing an

increasing important driving and supporting role in economic and social development.

## II. Development Goals

In accordance with the requirement of “overall arrangement, all-dimensional coverage, universal interaction, all-around business integration and involvement”, Jiangxi is committed to developing quality tourism, promoting integrated tourism and stepping up efforts to strengthen the local tourism, which would be developed into a comprehensive and universal industry engaged by diversified industries. To accelerate the construction of 18 national integrated tourism demonstration areas. To design a number of resort tours with strong national competence and Jiangxi characteristics and core products of integrated tourism. To make great efforts in implementing “tourism plus” integration program, integrating tourism with agriculture, business, culture and education, sports, TCM, healthcare and senior care, develop new integrated tourism patterns including recreational rural, forest and fishing tours, countryside homestay, factory sightseeing, business tours, study tours, healthcare and senior care tours, self-driving camping. To actively implement the comprehensive marketing program of integrated tourism and the promotion program themed “Date with Jiangxi Beautiful China”, to strengthen overseas marketing and set up overseas marketing offices and network and promote the integrated tourism of Jiangxi via official accounts in important international social media applications. By 2020, the annual tourist population is expected to total 800 million, growing by an average annual growth rate of 16%; the annual revenue amount to 1 trillion, up by 23% annually on average; the total output would be placed among the top ten in China; there would be 1.6 million people directly employed in the tourism and 8 million indirectly; the tourism would help more than 20% of the poverty-stricken population or 550,000 people get rid of poverty; the tourism would help Jiangxi further enhance its influence and soft power, contribute to the better and faster economic and social development, meet people’s demand for beautiful life and Jiangxi would witness a well-developed tourism industry.

## III. Industrial Distribution

During the 13th Five-year Plan period, the focus of the tourism in Jiangxi would be the construction of a blueprint with “one core, four gateways and nine pivots”. The one

core refers to Nanchang, which would be built into the core tourism destination of Jiangxi. The four gateways refer to Jiujiang, Shangrao, Pingxiang and Ganzhou, which would be built into gateway destinations of Jiangxi. The nine pivots refer to Jingdezhen, which is to be built into an international tourism destination; Yingtan, Ji'an, Yichun, Xinyu and Fuzhou, which would be built into regional tourism hubs; and Jinggang Mountain, Ruijin and Gongqingcheng, which would be built into featured tourist destinations.

#### IV. Major Directions and Target Regions in Investment Promotion

With premium tour programs, “intangible cultural heritage in scenic areas” program, tourism performance program and scenic area enhancement program, to highlight the public tourism service, construction of key scenic areas, Revolution tours, rural tours and launch the emerging tourism patterns of culture and innovation tours, healthcare tours, auto camps, outdoor tours; to actively introduce strategic investors to develop tourism projects in Jiangxi, in particular the Fortune 500, domestic top 100 enterprises, domestic and overseas transnational companies and tourism groups and corporations in and beyond Jiangxi.

Mainly target on domestic regions including the Yangtze River Delta, Pearl River Delta, Hong Kong, Macau and Taiwan as well as overseas countries and regions including Europe, US, Japan, etc..

#### V. Major Policies and Measures in Investment Promotion

On Oct. 15th 2013, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Building a Strong Tourism in Jiangxi (Ganfufa[2013]11) and proposed to reinforce investment promotion of tourism projects, introduce a number of major tourism projects, in particular recreation and vocation, business convention and exhibition, healthcare, performance, themed gala, cruise and yacht and other emerging tourism business patterns, so as to foster the local tourism a diversified and integrated compound.

On Nov. 16th 2015, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Implementation Opinions on Facilitating Tourism Reform and Investment and Consumption on Tourism (Ganfufa[2015]55) and proposed that by

2020, there would be an overall enhancement of gross scale, market scale, consumption level and sustainability, the gross revenue of Jiangxi would top CNY 1 trillion and the added value of tourism would account for more than 5% of Jiangxi's total output, a tourism development situation with lawful government administration, lawful business operation and appropriate tourist behaviors would come into shape and a open, well-ordered, well-balanced tourism development framework offering diversified business patterns and products would be established and Jiangxi would be built into a top tourism destination for recreation, vacation and healthcare tours.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of integrated tourism industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

## Green and Ecological Agriculture

### I. Current State

Jiangxi has been known as a breadbasket and plays an important role in national agriculture, it one of the two domestic provinces which contribute commodity grain to national grain reserve for consecutive years since the founding of the PRC. Jiangxi boasts abundant agricultural resources and premium ecology and the local agriculture and rural economy have been maintaining a steady, positive and efficient development momentum. It has by now witnessed for 14 consecutive years good harvest of main agricultural produces like grains and rapid growth in average disposable income of rural residents. In 2017, the gross output value of farming, forestry, animal husbandry and fishery totaled CNY 318.76 billion, up by 4.4%; average disposable income of rural residents amounted to CNY 13,242, up by 9.1% year on year. The yield of meat, vegetables, fruits, tea-leaves, aquatic products amounted to 3.6 million tons, 16.5 million tons, 4.56 million tons, 57,000 tons and 2.814 million tons respectively, south Jiangxi and Nanfeng are listed among the domestic origin regions of featured agricultural produce for naval oranges and honey oranges respectively. There are in Jiangxi 4,712 species of pollution-free, green and organic agricultural produces qualified as geographical indications, 44 state-level standardized green food material production bases covering a land area of 8.536 million mu(or 569,067 hectares), 11 state-level safe and reliable produce cities or counties, 25 province-level green and organic produce demonstration counties and 98.6% major agricultural produces are recognized eligible during casual inspections, higher than the

national average. Jiangxi is the only Green and Organic Produce Demonstration Base Pilot Province in China. The technological application competence have been improved and the contribution rate of technologies to agricultural progress came out as 58.8%, comprehensive machinery utilization rate in overall cultivation workload of major agricultural produce is 71.15% and the coverage rate of improved varieties over 95%. There are 865 province-level or above leading agricultural enterprises, 40 of which are state-level leading enterprises with an overall sales revenue of CNY 351 billion. There are 4,810 various above-scale recreation enterprises, the recreational agriculture contributing a comprehensive revenue of CNY 26 billion. There are 11 state-level modern agriculture demonstration zones, 66 province-level modern agriculture demonstration zones and 159 province-level modern agriculture demonstration parks; to vigorously implement “internet+agriculture” initiative and the “123+N” Jiangxi smart agriculture program and application of information technology is increasingly widely involved in agriculture.

## II. Development Goals

By 2020, obvious progress would be achieved in agricultural modernization. The total yield of cereals would amount to 21 million tons and that of meat, vegetables, fruits and aquatic products would amount to 3.75 million tons, 26 million tons, 8 million tons and 3.26 million tons respectively, the supply of poultry and eggs, milk and tea-leaves would be effectively guaranteed; the contribution rate of technologies to agricultural progress increased to over 60% and much more information technology is applied in agriculture; the machinery involvement in agriculture is getting much more mature and the comprehensive machinery application ratio in paddy rice cultivation and harvest would come to over 80% while the equipment used are dramatically improved; there would be 6,000 above-scale enterprises and above-scale livestock farms (annual sales above 500 heads) would account for 75% of the total and above-scale poultry farms (annual sales above 10,000 heads) would account for 70% of the total, the space occupied by aquafarms would account for 27.4% of the total, so there would be more reasonable industrial structure and a well-established modern agriculture industrial network.

## III. Industrial Distribution

### (1) Crop production

Firstly, to build the Poyang Lake cereal growing area, Ganfu Plain cereal growing area, Jitai Basin cereal growing area and the west Jiangxi high-yield cereal growing district, the 3 areas and one district as core paddy rice production bases would cover 62 counties (cities, districts) across Jiangxi. Secondly, to build the one area and two corridors as main oilseed rape production bases, i.e. the high-yield oilseed rape growing area in north Jiangxi, the oilseed rape production corridor along the Beijing-Kowloon Railway and one along the Zhejiang-Jiangxi Railway. Thirdly, to focus on development of Nanchang Dominant Vegetable Growing Area, Leping Dominant Vegetable Growing Area, Shangrao Dominant Vegetable Growing Area, Jiujiang Dominant Vegetable Growing Area, Pingxiang-Yichun Dominant Vegetable Growing Area, Yingtan-Fuzhou Dominant Vegetable Growing Area, Ganzhou Dominant Vegetable Growing Area, Yongfeng Dominant Vegetable Growing Area and 5 featured vegetable growing areas(for white lotus, mushrooms, yam, aquatic vegetables, watermelon and sweet melon respectively). Fourthly, to build up the dominant orange species growing areas including those featuring naval oranges, honey oranges and sweet pomelos, step up the development of jargonel growing areas, kiwi fruit growing areas, grape growing areas and other featured growing areas, to concentrate on fostering pitaya and other new-type featured fruit growing demonstration bases. Fifth, work hard to develop the three major tea-leaf growing areas in northeast Jiangxi, northwest Jiangxi and south of central Jiangxi. Sixth, to focus on development of the core cotton growing area in north Jiangxi, most of which in Pengze County, Jiujiang, Duchang County, Yongxiu County, Hukou County, De'an County, Lushan District, Gao'an, Poyang County and Ruichang. Seventh, to focus on development flower industry mainly including the gardening plants, lawns and ground cover plants along central cities and the potted plants and parterre lawns in suburbs, neighboring counties and towns. Eighth, to focus on development of the 4 major growing areas in Fuzhou, Ji'an, Ji'an and Yichun, each covering 66.67 km<sup>2</sup>, as well as the growing areas in Jinxi, Linchuan, Guangchang, Yihuang, Xin'gan, Taihe, Hukou, Xiushui, Wu'ning, Zhangshu, Dexing, Xinfeng, Shanggao, Fengcheng, Yushui, etc., each covering 6.67 km<sup>2</sup>.

## (2)Animal husbandry

To maintain steady growth of major hog production counties (cities, districts) in central Jiangxi and along the Beijing-Kowloon Railway and Zhejiang-Jiangxi Railway; to focus on development of the dominant production areas of premium chicken, i.e. silkie of Taihe County, yellow chicken of Ningdu County and Ma Chicken of Chongren County, as well as the dominant aquatic food production areas along rivers and lakes; to concentrate on development of the 15 beef production areas in Gao'an, Fengcheng, Zhangshu, Yuanzhou, Yushui, Ji'an, Anfu, Yongxin, Taihe, Yongfeng, Wan'an, Jishui, Xinfeng, Ruijin, Ganxian, most of which are located in Yichun and Ji'an premium beef production base; to focus on development of dairy industry centered on dairy processors in Nanchang County, Xinjian District, Jinxian County, Yudu County, Jizhou District, Dongxiang County, Luxi County and Fengxin County and the quality milk bases in central and south Jiangxi; to develop the mutton industry in 10 key production counties (cities, districts) including Xiushui, Wu'ning, Ruichang, Shangli, Xiangdong, Luxi, Yifeng, Wanzai, Tonggu, Guangfeng, etc.; to develop the honey industry in 15 key production counties (cities, districts) including Leping, Linchuan, Yujiang, Shangrao, Yushan, Wuyuan, Wu'ning, Gao'an, Zhangshu, Fengcheng, Yifeng, Tonggu, Suichuan, Shicheng, Ruijin, etc.; to promote the development of fodder industry in Nanchang and Ganzhou with the opportunities of Nanchang-Jiujiang Integration, working to build a number of fodder industrial clusters with the coordinated development of east and west Jiangxi.

### (3) Fishery

To prioritize the breeding and industrial development of black carps, grass carps, silver carps, bighead carps, carps, golden carps, breams and other staple freshwater fishes, mainly in Poyang, Yugan, Nanchang, Jinxian, Duchang, Yongxiu, Fengcheng and other cities and counties in the Poyang Lake Rim; to develop the giant salamander breeding industry mainly in Wuyuan, Sanqingshan, Jinggangshan, Anfu, Jing'an, etc.; to develop the *paa spinosa* breeding industry mainly in Yuanzhou, Tonggu, Jing'an, Fengxin, Longhushan, etc.; to develop the sturgeon breeding industry mainly in Longnan, Yiyang, Wu'ning and Nanchang and mullet breeding industry mainly in Yongfeng County; to develop featured shrimp and crab breeding industry mainly in Jinxian, Poyang, Yugan, Jiujiang, Duchang, Nanchang, Fengcheng, Ruichang, Xingzi, Xinjian, etc.; to develop the

featured eel breeding industry mainly in Lichuan, Zixi, Yushan, Guangfeng, Ruijin, Shicheng, etc.; to develop the featured tortoise and turtle breeding industry mainly in Nanfeng, Lichuan, Yiyang, Fengcheng, Jinxian, Yugan, etc.; to develop the pearl and pearl nucleus breeding industry mainly in Duchang and Wannian; to develop the featured mandarin fish, snakehead, culter breeding industry mainly in Poyang Lake area; to develop loach and eel breeding industry mainly in Nanchang, Jinxian, Yugan, Poyang, Xinjian, Xin'gan, Dongxiang, Yujiang, Suichuan, etc.; to develop the featured mountain area fishery mainly in 8 counties (cities, districts) including Yihuang, Longhushan, Jiujiang, Shangrao, Guangfeng, Xinzhou, Ganxian, Shangyou; to develop the featured low-lying farmland (idle in winters) and fishery-eligible farmland breeding industry in the 18 counties (cities, districts) in the Poyang Lake Rim; to develop the aquarium fishery and recreational fishery in suburbs and tourism destinations.

#### ( 4 ) Recreational agriculture

To build the north Jiangxi modern recreational agriculture demonstration area, focusing on Nanchang, Jiujiang and Ganjiang New Area with 22 counties/cities/districts under their administration; to build the northeast Jiangxi sightseeing agriculture resort, focusing on Shangrao, Yingtan, Jingdezhen with 19 counties/cities/districts under their administration; to build the west Jiangxi green agriculture healthcare area in Yichun, Xinyu and Pingxiang with 17 counties/cities/districts under their administration; to build the central Jiangxi farmer-student culture exploration area, focusing on Ji'an and Fuzhou with 24 counties/cities/districts under their administration; to build the south Jiangxi Hakkas traditions experience area, focusing on Ganzhou with 18 counties/cities/districts under its administration.

#### IV. Major Directions and Target Regions in Investment Promotion

In accordance with the agricultural supply-side structural reform and under the guidance of industrial planning, to arrange project design, packing and promotion in efforts to introduce major high-tech and environmentally-friendly modern agriculture projects with long industrial chains as well as produce deep-processing giants with strong

driving force, so as to consistently enhance development potentials.

Firstly the integration of primary, secondary and tertiary industries. In accordance with the 9 Major Programs of agricultural restructuring, to introduce a number of produce deep-processing projects and supporting projects, to facilitate construction of a number of green produce bases, to foster a number of industry leaders and giants offering great cooperation opportunities and driving forces, to foster a number of well-known brand names of agricultural produce and build a number of highly-competent and highly-concentrated agricultural clusters.

Secondly the modern agricultural parks. In accordance with regional characteristics and integrating advantaged resources and support from all sides, to build around 300 modern agricultural parks by the end of 13<sup>th</sup> Five-year Plan period. To build a number of modern agriculture demonstration parks with introduction of investment, so as to motivate the green development of Jiangxi's agriculture.

Thirdly the technological innovation in agriculture. To support and encourage investors to invest on high-tech projects, building quality seed cultivation bases, agricultural produce processing bases, agricultural machinery (crop protection) equipment bases, smart agriculture bases, innovation agricultural bases as well as biological pesticide and vet drug R&D centers, which would be demonstrated and promoted to enhance benefit of agriculture development in an all-round way through technological innovations in agriculture.

Fourthly new agricultural patterns. On the one hand, with the beautiful rural scenery, to focus on introduction of rural sightseeing and recreation projects integrating agricultural production, recreation and vacationing, healthcare and farmer-reader culture and foster a number of recreational agriculture compound; on the other hand, with the

smart agriculture “123+N” platform, to further improve produce quality and safety traceability system, to vigorously develop new business patterns including agricultural produce e-business, to introduce a number of agricultural produce cold-chain logistics projects in efforts to build modern agricultural produce distribution system.

Mainly target on domestic areas including Yangtze River Delta, Pearl River Delta and southeast Fujian Delta, focusing on Jiangsu, Zhejiang, Fujian, Guangdong, Hong Kong, Macau and Taiwan, etc.; and overseas countries and regions along the Belt and Road, focusing on Japan, ROK and southeast Asia.

#### V. Major Policies and Measures in Investment Promotion

In September 2015, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating the Transformation of Agriculture Development Mode and Building Modern and Well-developed Agriculture(Ganfa [2015]15) and released new requirements in the overall planning and development goals, tasks, challenges and guarantee measures for the development of modern agriculture in Jiangxi.

In April 2016, Jiangxi Provincial People's Government issued Opinions on the 10 Major Programs Promoting Green Agriculture(Ganfutingfa[2016]17) and clarifies directions for building up brand names of green agriculture, building green and ecological agriculture in an all-round way and building up the Jiangxi Model of green and ecological agriculture.

In March 2017, Office of Jiangxi Provincial People's Government issued Opinions on Further Accelerating the Construction of Modern Agriculture Demonstration Park(Ganfutingfa[2017]14) and proposed operation ideas, development goals, main tasks and guarantee measures of building modern agriculture demonstration parks.

In July 2017, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Further Supporting Rural Startups and Innovation Initiatives and Promoting the Integrated Development of Primary, Secondary and Tertiary Industries in Rural Areas (Ganfutingfa [2016]17) and proposed the key fields to support, service content, preferential policies and guarantee measures.

In July 2017, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Further Promoting the Development of Agricultural Produce Processing Industry (Ganfutingfa [2017]40) and proposed the general requirement, main goals, development directions and preferential policies for the development of agricultural produce processing industry.

In December 2017, Jiangxi Provincial People's Government issued Notice on Accelerating the Agricultural Restructuring Planning (Ganfuzi [2017]96) and proposed Jiangxi would implement the 9 major agricultural produce programs for quality rice, vegetables, fruits, tea, Chinese medical herbs, livestock, aquatic products, recreational agriculture and oil-tea, intensify efforts in fostering of a series of featured brands and products, optimize and restructure agriculture and improve the quality and benefits of agricultural development.

## Healthcare

### I. Current State

Jiangxi Province is exceptionally advantaged in developing comprehensive healthcare network thanks to its superior ecological resources and solid industrial foundation. To consistently improve people's health and actively address the aging population, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government have been attaching much importance to the development of healthcare service and senior care industry and by taking healthcare service and senior care industry as one of the major industries ensure growth, making structural adjustment and improve people's well-being, consistently enhancing investment and assemble resources and connections available to promote the coordinated and sustainable development of healthcare industry with economic and social development and the environment of population and resources. In recent years, the healthcare service and senior care industry are faced with rare development opportunities, with a series of preferential policies and major measures released by the provincial authorities to provide support for involvement of private investment in healthcare service and senior care industry undertakings and the great potential for development thus available. By 2017, there were in Jiangxi 37,791 medical and health institutions, 57.86% or 21,867 of which founded by private investment, and 5.13 beds for every 1,000 permanent residents; there were 1,820 diversified senior nursing homes with 160,000 beds, among which 296 nursing homes with 54,000

beds(33.7% of the total) established with private investment. The private investors are getting increasingly active in senior care industry and a number of private medical-healthcare institutions including China Railway Construction Industry Pension Investment Management, Lvkang International Medical Care and Xinyu Yinheyuan Senior Service Center have been fostered, a number of senior care information service centers including Nanchang Cixiaozu Smart Home-based Senior Care Center have been established, a number of famous senior care institutions (organizations) including Taikang Pension, Shanghai Qinheyuan, Hunan Fullcheer and Tianjin Tiantong Group have settled down in Jiangxi and a number of healthcare and senior care tourism destinations including the Shangrao International Medical and Tourism Pilot Zone are under construction.

## II. Development Goals

Firstly to vigorously develop private medical institutions. By 2020, it's expected there would be a basic medical and health institution covering both rural and urban residents, one AAA general hospital and 1 to 3 AA or above specialized hospitals of certain scale in each city or region of Jiangxi; the ratio of beds, outpatient and inpatient of private medical institutions would account for 25% of the total. Secondly to actively promote the integration of medical and healthcare service. To support medical institutions develop senior care service and general hospitals of AA or above levels would be supported to establish geriatric departments and increase number of beds for geriatric diseases; to develop rehabilitation hospitals, geriatric hospitals, nursing homes and hospices through diversified approaches like transformation of AA hospitals in urban areas or new establishment; to support private investment in establishing medical-healthcare facilities and support existing senior care institutions in establishing medical institutions including geriatric hospitals, rehabilitation hospitals and clinics. By 2020, the senior care institutions funded by private investment would provide 50% or more of the total beds in Jiangxi, nursing beds would account for over 30% of the senior care beds and all senior care institutions would provide medical and healthcare service in different forms to senior citizens.

## III. Industrial Distribution

In accordance with the development trend of urbanization and population aging, to

further optimize space planning, establish or rebuild a number of healthcare and senior care institutions, make great efforts to foster TCM healthcare, healthcare recreation, featured health management and other new business patterns, to actively explore integration of medical and healthcare service, senior care resorts, community-based senior care, smart home-based senior care and other new-type senior care modes, to foster a number of healthcare compound including Mingyueshan Mountain Selenium Spa Healthcare Center, Xiannv Lake National Healthcare Center and accelerate the construction of a number of senior care towns and manors in Xihai of Mount Lu.

#### IV. Major Directions and Target Regions in Investment Promotion

Further push forward the implementation of introducing major and premium projects in accordance with industrial planning and distribution and focus investment promotion efforts in introduction of health care and senior care projects. To be specific:

As for healthcare service, to introduce a number of domestic and overseas medical service institutions as well as private investment, to build a number of general or specialized diagnosis and treatment organizations.

As for senior care service, to introduce and foster a number of well-funded, well-operated, highly competent and influential senior care institutions, build senior care brand names with Jiangxi characteristics and facilitate chain operation, large-scale and brand marketing. To focus investment promotion efforts on introduction of medical-healthcare institutions in accordance with local senior care facility plannings, on introduction of highly experienced operation team and of medical-healthcare senior care institutions conforming to needs of senior citizens and community-based senior care chain institutions. To introduce a number of smart healthcare and senior care projects based on internet, IOT, big data and cloud computing, a number of healthcare and senior care tourism projects based on the superior ecology and profound TCM culture as well as a number of smart product projects of rehabilitation robots, household service robot, digital

diagnosis and treatment facilities and health monitoring facilities.

Mainly focus on domestic cities including Beijing, Shanghai, Shenzhen of Guangdong, Tianjin, etc. and overseas countries and regions including US, Japan, ROK, Switzerland, etc..

#### V. Major Policies and Measures in Investment Promotion

In 2015, Health and Family Planning Commission of Jiangxi Province compiled Guidebook for Private Investors on Medical Service in Jiangxi(2016—2020) , unveiling information on healthcare resources, application procedures for private medical establishment, laws and regulations and the private investment on medical service as regulated in the 13<sup>th</sup> Five-year Plan to ensure private investment in accurately understanding related laws and regulations and local planning, distribution and requirement in this field, so as to facilitate the healthy and rapid development of private medical undertakings.

In 2016, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Promoting the Accelerated Development of Social Medical Undertakings (Ganfutingfa [2016] 34), improving policies and measures on social medical undertakings in terms of overhaul and standardization of administrative approvals, ease of restrictions on large-scale medical facilities, implementation of preferential policies on fees and taxation and land guarantee for private medical service.

In 2016, Office of Jiangxi Provincial People's Government issued Development Planning on TCM Healthcare Service in Jiangxi(2016—2020)(Ganfutingfa [2016] 16) and proposed to facilitate the rapid development of TCM healthcare service in accordance with the provincial strategy of building Jiangxi into a TCM giant, the technological innovation-driven TCM, focusing on development of TCM medical service, healthcare, rehabilitation and senior care, healthcare tourism, etc..

In 2014, Jiangxi Provincial People's Government issued Implementation Opinions on Accelerating the Development of Senior Care Service and proposed preferential policies and measures in 8 aspects including land acquisition, fee and taxation cut, financial

support and subsidies, etc..

In 2014, Jiangxi Provincial People's Government issued Implementation Opinions on Promoting Development of Healthcare Service and proposed to accelerate the construction of healthcare and senior care service network and development of health culture and tourism service.

In August 2016, Office of Jiangxi Provincial People's Government forwarded Implementation Opinions on Facilitating the Integrated Development of Medical and Senior Care Service issued by Health and Family Planning Commission of Jiangxi Province with other authorities and proposed to establish and optimize the cooperation mechanism of medical institutions and senior care institutions and unveiled tasks and measures of medical-healthcare integration including the integrated development of medical institutions and senior care service.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of healthcare industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

In May 2017, Office of Jiangxi Provincial Party Committee and Office of Jiangxi Provincial People's Government issued Opinions on Enhancing the Service Quality of Nursing Homes in An All-round Way (Ganbanzi[2017] 32) and further clarifies the development emphasis and guarantee measures of senior care service.

In August 2017, Office of Jiangxi Provincial People's Government issued Implementation Opinions on the Full Access to the Senior Care Market (Ganbanzi[2017] 55) to foster private investment into a major player in development of senior care service sector by deepening reform of streamlining administration delegating power and improving government service, highlighting development focuses and strengthening guarantee capabilities.

## E-commerce

### I. Current State

In recent years, Jiangxi Provincial Party Committee and Jiangxi Provincial People's Government have been attaching much importance to the development of e-commerce and fostering e-commerce as one of its strategic emerging industries with a series of favorable policies and key measures to step up the development of e-commerce. The e-commerce in Jiangxi has maintained consistent and rapid growth with the policy guidance, reinforced investment promotion, fostering of leading enterprises and construction of platforms. The e-commerce turnover in Jiangxi has doubled over that of the previous year for 3 consecutive years in 2013, 2014 and 2015. In 2016 the e-commerce sales totaled CNY 436.12 billion, up by 51.9% from the previous year and in 2017 the figure was CNY 586.85 billion, up by 34.6% from 2016. There are around 96,000 e-commerce entities in Jiangxi, among which there are 12,000 e-commerce application entities and 84,000 private online shops. For now Nanchang and Ganzhou have been approved as national e-commerce demonstration city and there are in Jiangxi 39 e-commerce in rural area demonstration counties, 2 national e-commerce demonstration bases, 3 demonstration enterprises, 8 China Taobao Villages. Endeavors to develop e-commerce have become an important part of the provincial undertakings in promoting internet plus, business startups and innovation and targeted poverty-relief

efforts.

## II. Development Goals

The increasingly popular e-commerce ideas and higher application level have made e-commerce an important driving engine for the economic restructuring and economic growth in Jiangxi; to promote the in-depth integration of featured industries and e-commerce and enhance market competitiveness; to actively push forward mode innovation, management innovation and technological innovation of e-commerce; to build well-structured and highly-efficient e-commerce industrial clusters and development pattern assembling industrial factors and scientific management; the increasingly favorable environment for development of e-commerce, the coordinated development of support system, technological service and application marketing contributes to the establishment of a complete industrial chain, e-commerce is now an important pillar industry of Jiangxi Province and the turnover is expected to top CNY 1 trillion.

## III. Industrial Distribution

In accordance with featured industries in the region and the current foundation of e-commerce, to set up the functions and distribution of e-commerce industrial clusters as “one core and three regions” in terms of industrialization and perspectives of marketing and professional development.

The Nanchang-Jiujiang e-commerce core area: to build the e-commerce service headquarter base. To assemble a large number of high-tech, traditional business and trade, innovation, light engineering and textile and other types of e-commerce business with Nanchang National High-tech Industrial Development Zone, China South City Nanchang, Jiangxi Hugoo Honggu Creative Industries Park, Gongqingcheng of Jiujiang, Hengsheng Tech Park, textile and garment e-commerce industrial park in east Nanchang and other e-commerce industrial parks, to build Jiangxi e-commerce service core concentration area, e-commerce talent cultivation concentration area and e-commerce comprehensive function area.

Northeast Jiangxi region: to give full play to its advantaged location neighboring Zhejiang, Fujian and other e-commerce giants, to make preferential policies and build favorable business environment for e-commerce to suit local conditions, to introduce

e-commerce enterprises and supporting service providers from Zhejiang and Fujian to build northeast Jiangxi into destination of medium and small-scale e-commerce enterprises transferred from Yangtze River Delta and west Taiwan Economic Area.

West Jiangxi region: In light of the local Chinese medical herbs, medicine, photovoltaic and lithium battery and other traditional industrial clusters, to promote the wider application of e-commerce, actively introduce and foster featured e-commerce platforms, to build several e-commerce industrial bases specialized for featured industries, to cultivate e-commerce clusters specialized for featured industries and build west Jiangxi into a vital e-commerce concentration area.

Midsouth Jiangxi: to give full play to the preferential national policies on supporting south Jiangxi the former Central Soviet Area, in light of the local nonferrous metal, bags and suitcases, IT, furniture, modern logistics and featured agricultural produce and other advantaged industries, to focus on construction of several e-commerce industrial parks and to introduce featured e-commerce platforms in order to shape the e-commerce concentration area for advantaged industries in this region.

With the network of “one core and three regions”, to forge a development momentum with reasonable regional planning and complementary and coordinated functions.

#### IV. Major Directions and Target Regions in Investment Promotion

In consideration to the current development conditions and future goals of e-commerce industry in Jiangxi, to promote industry-based investment promotion in an orderly way. Firstly to act actively in introducing major and premium project and famous e-commerce enterprises to settle down in industrial parks and establish national headquarter or regional operation center in the industrial parks. Secondly with driving force of leading enterprises to assemble more enterprises across the upstream and downstream of the e-commerce industrial chain, to introduce more e-commerce service and supporting service business like consultation, planning, incubation business offering operation agency and professional service, logistics, online payment, etc.. Thirdly in light

of the comprehensive infrastructure of industrial parks to introduce e-commerce real estate and e-commerce building project. Fourthly to focus on integration of introducing in and going out and introduce excellent e-commerce enterprises and professionals.

Mainly target on domestic cities including Beijing, Shanghai, Guangdong, Zhejiang, etc. and overseas countries and regions including US, Japan and Europe.

#### V. Major Policies and Measures in Investment Promotion

In November 2013, Jiangxi Provincial People's Government issued Several Opinions on Accelerating the Development of E-commerce, clarifying the development goals and detailed measures concerning tasks, institutional support, preferential policies, service guarantee, etc. in efforts to build policy environment for the accelerated development of e-commerce.

In September 2015, Jiangxi Provincial People's Government issued Several Measures of Jiangxi Province in Implementing State Council's Opinions on Vigorously Developing E-commerce to Accelerate the Cultivation of New Economic Driving Force, releasing 19 policies and measures to improve e-commerce public service network, guide e-commerce enterprises to grow stronger, promote development of e-commerce in rural areas, promote the construction of e-commerce demonstration system and optimize administrative environment.

In September 2016, Office of Jiangxi Provincial People's Government issued Implementation Opinions on Further Practice of Internet + Distribution Action Initiative and Accelerate Online and Offline Interaction and explicitly proposed to strengthen efforts in undertaking e-commerce industrial transfer from developed coastal provinces, to introduce e-commerce service projects including training and consultation, marketing and planning, operation and promotion, online payment, logistics and distribution and encourage migrant Jiangxi talents and professionals in other provinces to return and invest in hometown.

In February 2017, Jiangxi Provincial Party Committee and Jiangxi Provincial

People's Government issued Opinions on Accelerating Growth of New Economy and Fostering New Growth Drivers and proposed to step up development of e-commerce industry by reinforcing operation service, expanding market access and strengthening fiscal and taxation support.

In May 2017, Department of Commerce of Jiangxi Province took the lead in compiling and issued Joint Meeting System for E-commerce Undertakings in Jiangxi and Implementation Planning to Promote the Development of E-commerce, which was approved by the joint meeting in advance.