III. High-tech Industry (13 Projects)

22. Mei'an Internet + Headquarters Economic Zone & Popular

Entrepreneurship Industrial Park

Project Name	Mei'an Internet + Headquarters Economic Zone & Popular
Project Overview	Entrepreneurship Industrial Park The land for construction is about 171 mu, and the construction content includes a super high-rise business office building (39 floors in Block A; 21 floors in Block B), a four-star hotel (200 guest rooms on 14 floors), a service center (8 floors) and 22 multi-storied office buildings on east and west wings (2-8 floors). There are also supporting facilities including an underground commercial district, outdoor landscape architecture, roads, water supply and sewerage works and electric works. The project covers an total construction area of 328,554.1m ² , including 113,744.61m ² for super high-rise commercial office buildings, 24,448m ² for the four-star hotel building, 17,459m ² for the service building, 70,817.67m ² for single office buildings (under the central area are 2 floors while there is 1 floor on the east and west wings).
Project Site	Phase I Block (B0428), Mei'an New Science and Technology City, Haikou
Total Project Cost	About RMB2.04 billion (paid-in investment: about RMB480 million)
Cooperation Mode	Cooperative development and operation or M&A
Project Prospect and Benefit Analysis	After it is put into operation, the project will actively improve the investment environment of the Mei'an New Science and Technology City, vigorously attract multinational companies and large Chinese enterprises to set up R&D institutions and focus on fostering local enterprises and research institutions' innovation and R&D capabilities in an effort to build Mei'an into a veritable global industrial headquarters economic zone and an important knowledge production center, knowledge service center and high-tech industry headquarters economic zone in Hainan. This not only promotes the internationalization and globalization of the Mei'an New Science and Technology City, but meets the long-term goal and strategic intention of the Mei'an New Science and Technology City.
Panoramic Photo (Project Rendering)	
Contact Person	Haikou National High-tech Zone Development Holdings Co, Ltd.: Dou Huiyuan 13907648163 High-tech Zone Investment Promotion Bureau: Xu Ji 13976054628

23. Mei'an Ecological Science and Technology City - High-tech

Venture Center (formerly known as an Industry Accelerator)

	Mei'an Ecological Science and Technology City - High-tech Venture
Project Name	Center (formerly known as an Industry Accelerator)
Project Overview	The project covers an area of 159 mu. The main construction contents include 11 multi-storied production plants, office buildings and equipment rooms. The total building area is about 160,000m ² and total investment is about RMB471 million. All the factory buildings five-storied. The first storey is 5m high, the second to fourth storey is 4.5m high, and the single floor area is about 3000m ² . The project is divided into two phases. 5 factory buildings have been built at Phase I, covering an area of about 78,600m ² ; to be built at Phase II are 6 buildings, which cover a total area of about 80,400m ² . Some pile foundations have been built, and local construction is in progress. About RMB240 million has been invested.
Project Site	Phase I Block B0608, Mei'an New Science and Technology City, Haikou National High-tech Zone
Total Project Cost	About RMB471 million (paid-in investment: RMB240 million)
Cooperation Mode	Investment-based cooperation or M&A
Project Prospect and Benefit Analysis	In recent years, guided by the National Torch Plan, Chinese high-tech business incubators have played an important role in the transformation of technological achievements and the cultivation of high-tech enterprises and entrepreneurs. According to relevant statistics, in China are more than 100 various kinds of technology business incubators, which have transformed tens of thousands of scientific and technological achievements, and the survival rate of enterprises incubated is many times as high as that of non-incubated start-ups. Practice shows that founding an innovation incubation system is an important measure to promote the development of high-tech industries in a high technology development zone. An innovation incubation of scientific and technological achievements and the establishment, growth or development of small and medium-sized technology enterprises, offer financial support for the transformation of scientific and technological achievements, and supply essential information services for industrialization.
Panoramic Photo (Project Rendering)	
Contact Person	Haikou National High-tech Zone Development Holdings Co, Ltd.: Dou Huiyuan 13907648163 High-tech Zone Investment Promotion Bureau: Xu Ji 13976054628

24. Guilinyang Development Zone Cultural Big Data Industrial Park

(Tentatively)	
Project Name	Guilinyang Development Zone Cultural Big Data Industrial Park (Tentatively)
Project Overview	The development zone is the core area of the East Coast, Haikou, 10km away from the downtown area, 4km away from the Meilan International Airport and 14km away from the East Ring Railway Haikou New Station. The development zone is bounded by the Dongzhai Harbor Mangrove Forest Reserve in the east, by the Meilan International Airport in the south, by the East Coast Dongying Area in the west and by the Qiongzhou Strait in the north. With advantageous regional advantages, it is going to be the main battlefield for economic development in Jiangdong New Area. Currently, fundamental facilities for water, gas and electricity supply, road, communication, sewage disposal and garbage disposal have basically been set up. In the near future, "five networks" and underground pipe racks and major fundamental facilities, including Jiangdong Avenue Phase II and water treatment, will begin to be built and commenced.
Project Site	South end of the Haikou Guilinyang Economic Development Zone (named "International Offshore Innovation and Entrepreneurship Cluster" in the Overall Planning for Jiangdong New Area), covering an area of 50 mu.
Total Project Cost	About RMB300 million
Cooperation Mode	Cooperation/joint venture/sole proprietorship
Project Prospect and Benefit Analysis	On the aspect of social benefits, the project can serve as a beautiful name card of Jiangdong New Area and a highland for culture and technology in the future to help Haikou consolidate the title of national civilized city; second, culture and technology industries can achieve agglomerative development to promote the transformation and upgrading of the local industrial structure to drive the high-quality development of the Hainan Free Trade Zone; third, the local employment rate will be increased to strengthen the local people's sense of gain and happiness; fourth, Jiangdong New Area and settled enterprises will achieve a win-win situation.
Panoramic Photo (Project Rendering)	
Contact Person	Haikou Guilinyang Economic Development Zone: Lin Shudong: 13519805222

25. Hainan Tianhui Energy Co., Ltd. Mixed Ownership Reform

Project

Project Name	Hainan Tianhui Energy Co., Ltd. Mixed Ownership Reform Project
Project Overview	Founded in December 2010 with a registered capital of RMB402 million, the Hainan Tianhui Energy Co., Ltd. (hereinafter referred to as "Tianhui Energy") is a leading enterprise in Hainan's clean energy industry and its controlling shareholder is Hainan Holdings (shareholding ratio: 89.63%). Committed to investment, construction and operation of the clean energy industry, Tianhui Energy has formed two business segments including clean power generation and power engineering, covering areas such as hydropower, photovoltaics, wind energy, new energy auto and electricity distribution. Its current installed capacity is up to 372,100KW. In terms of hydroelectric power generation, the Company has 18 hydroelectric power stations with an installed capacity of 131,700KW. In terms of solar photovoltaic power generation, it has an installed capacity of 234,400 KW, an installed wind generating capacity of 6,000KW and annual average gross generation of about 700 million KWHs. The Company is the largest clean energy operator throughout the province. Its power engineering business is well-known for the brand "Niululing" in Hainan and earns yearly average income of about RMB100 million. As of December 31st, 2017, the Company's total assets reached RMB2.274 billion, operating income reached RMB326 million and net profit reached RMB31.14 million. As of June 30th, 2018, the Company earned annual operating income of RMB132 million and net profit of RMB17.84 million.
Project Site	Haikou City, Hainan Province
Total Project Cost	Determined by negotiation. The mixed ownership reform will be carried on by increasing funding and expanding the stock and actively bringing in two strategic investors that meet the Company's requirements for business development. After the completion of the mixed ownership reform, the state-owned shareholder will hold 51% of Tianhui Energy's shares while the two strategic investors will hold 25% and 24% respectively. The state-owned shareholder may just hold 40% as appropriate.
Cooperation Mode	Equity cooperation

Panoramic Photo (Project Rendering)	
Contact Person	Contact Person: Lin Hong; phone: 0898-68567145, 18976555066 Email: 478339150@qq.com

31. Changjiang County Other Nuclear Power-associated Industry

Project

Project Name	Changjiang County Other Nuclear Power-associated Industry Project
Project Overview	Nuclear power is low-carbon clean energy. In the coming period of time, new energy and renewable energy, in particular nuclear power, will become a main energy research direction in Hainan and the key to ecological environmental protection and sustainable development. Nuclear energy publicity relies on the high-tech advantages of nuclear power. Nuclear power knowledge and safety knowledge can be popularized to raise the public's awareness and recognition of nuclear power so as to promote the sound development of nuclear power and relevant industries. Nuclear power culture tourism involves nuclear power plant tours, high-tech agricultural sightseeing tours, nuclear power science & technology museum tours and nuclear power exhibition hall tours.
	Changjiang is where Hainan's nuclear power industry is located and provides strong user needs for nuclear power industry tourism and nuclear power culture tourism.
Project Site	Selected according to the actual conditions
Total Project Cost	RMB50 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	

	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com
Contact Person	Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

32. Chengmai Marine Economy Equipment Manufacturing Project

Project Name	Marine Economy Equipment Manufacturing Project
Project Overview	The Hainan Old City Economic Development Zone was founded in May 1988 and upgraded in March 2006. The development zone has significant locational advantages, complete supporting facilities, and a solid industrial foundation. The project is oriented to the marine engineering industry chain and provides all-around equipment support for offshore oil development, undersea geophysical prospecting and mariculture.
Project Site	Hainan Old City Economic Development Zone
Total Project Cost	RMB1.5 billion
Cooperation Mode	Sole proprietorship or cooperation
Panoramic Photo (Project Rendering)	

33. Haikou Comprehensive Bonded Zone Bonded Low-carbon Processing and Manufacturing Project

Project Name	Haikou Comprehensive Bonded Zone Bonded Low-carbon
	Processing and Manufacturing Project
Project Overview	The Haikou Comprehensive Bonded Area (formerly known as Haikou Bonded Area) is the only comprehensive bonded area and one of the two customs special supervision areas in Hainan. It is also the most open export-oriented economic agglomeration area, a pilot free trade zone constructed with the joint efforts of Hainan and an important park by which Hainan steadily promotes the construction of a free trade port with Chinese characteristics. Planned land area: 50-100 mu. Enterprise requirements: the enterprise should coincide with the functional orientation of the comprehensive bonded area, sell products to both domestic and foreign markets, "put both ends or either end of the production process (the supply of raw materials and the marketing of products) on the world market", and encourage to invest in projects with foreign capital or in joint venture mode. Intensity of investment in unit area of land: RMB4 million per mu; output efficiency: RMB6 million per mu. Target investment sources: 1. Bonded processing of international branded goods; 2. Processing, R&D and manufacturing of high-tech technologies and high-value-added products such as new technologies, new energy and new materials; 3. Related supporting industries including domestic and overseas maintenance, remanufacturing, parts manufacturing; 4. Drug R&D and manufacturing industries. Construction content: plant buildings, office buildings and related supporting facilities.
Project Site	Haikou Comprehensive Bonded Area (69 South First Ring Road, Hainan Old City Economic Development Zone)
Total Project Cost	RMB200-400 million.
Cooperation Mode	Registered in the Haikou Comprehensive Bonded Area, the enterprise can acquire the industrial land use right in the Haikou Comprehensive Bonded Area and build buildings and carry on business on the land.



Project Name	Hainan Wenchang International Sky City
Project Overview	The land covers an area of about 18,000 mu, consisting of the West Bamen Bay Area and the Aerospace Supercomputer Big Data Industrial Cluster Area. There are well-established five networks in the surrounding areas, forming a convenient traffic environment. With space launch and supporting service industries, high-end aerospace R&D and manufacturing leading industries at the core, the project aims to develop "aerospace" + industry fields such as spatial big data development and application, rocket development, ground test equipment and assembly test, aerospace science and technology education, cultural tourism, education and training on international aerospace cooperation, etc.
Project Site	Hainan Wenchang International Sky City Pilot Area
Total Project Cost	See the Control Indexes for Construction Land Transfer in Hainan (Proposed) for the provisions on intensity of investment
Cooperation Mode	Sole proprietorship or joint venture
Panoramic Photo (Project Rendering)	<figure></figure>
Contacts	Contact Person: He Qian 13006098567

34. Hainan Wenchang International Sky City

Project Name	Changjiang County Nuclear Power-associated Industry Project
Project Overview	Nuclear power is an important high-tech industry with a long industrial chain, wide correlation and high penetrability. Related industries include nuclear power technology R&D, nuclear fuel development, equipment manufacturing, engineering design, construction and installation, operation and maintenance, nuclear fuel supply, spent fuel disposal, decommissioned nuclear power station disposal, education and training, nuclear power knowledge popularization and technique application. Water, road and power systems have been set up in the Changjiang County Circular Economy Industrial Park, which has opened its door to enterprises. The Changjiang Nuclear Power Plant Phase I has been built and fully equipped with various facilities and devices. Moreover, it has exact target users and can meet corporate user demand. According to the plan, commercial tenants may come from the following industries: nuclear power plant operation and maintenance services, nuclear power material R&D, equipment R&D, supply and warehouse management, training, analysis and detection, R&D center and production and life service cooperation, energy storage, technology R&D, advanced manufacturing, import and export trade, and service trade.
Project Site	Changjiang County Circular Economy Industrial Park or Nuclear Power Plant
Total Project Cost	RMB1 billion
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	
Contact Person	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

26. Changjiang County Nuclear Power-associated Industry Project

Project Name	Changijang County Clean Energy Storage Duciest
Project Name Project Overview	Changjiang County Clean Energy Storage Project The nuclear power plant is located in Changjiang County, where the Changjiang Nuclear Power Plant Phase I has been put into production, significantly changing the energy structure of Hainan Province. The Changjiang Nuclear Power Plant Phase II and Small Reactor Demonstration Project, undertaken by Hainan Nuclear Power, are under construction. According to Hainan Province's power development strategy, Changjiang County will serve as an important power source for the whole province. So, it is geographically and strategically advantageous to implement an energy storage project in Changjiang County. Changjiang County will grow into an important power output base in Hainan Province to provide relevant energy storage enterprises with an energy guarantee to help reduce their operating costs. The Changjiang Industrial Park and Changjiang Nuclear Power Plant are fully equipped for accommodation to enterprises.
	Potential tenants are power grid-related energy storage enterprises, such as super-capacitor energy storage, compressed air energy storage, battery energy storage, photovoltaic energy storage, electrochemical energy storage and electromagnetic energy storage enterprises.
Project Site	Changjiang County Circular Economy Industrial Park
Total Project Cost	RMB600 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	
Contact Person	Changjiang County Investment Promotion Office, Hainan Province0898-26698016cjxzsb168@163.comManagement Committee of Changjiang County Circular Economy Industrial Park0898-26699191

27. Changjiang County Clean Energy Storage Project

Project Name	Changjiang County Machining Prefabrication Plant Project
Project Overview	The Changjiang Nuclear Power Plant Phase II, undertaken by Hainan Nuclear Power, will be commenced within this year. The multi-purpose modular small reactor technology demonstration project has been started off. It is equipped with CV steel containment device modules since its design idea is partially referred to AP1000. The small reactor construction is a demonstration project that has promising market prospects. A large number of prefabricated devices are required to save the nuclear power construction costs and shorten the construction period. However, there is no large-scale device prefabrication factory in Hainan while the existing ones have weak machining capacity. So, a domestic demand for a big prefabrication factory is created. The construction of an advanced base in Hainan requires a large amount of infrastructure and equipment. A prefabrication factory can offer relevant supporting services. The Small Reactor Demonstration Project and Changjiang Nuclear Power Plant Phase II, undertaken by Hainan Nuclear Power, will need lots of prefabricated devices at the later stage. In the future, as the clean energy industrial park is constructed and projects are implemented one after another, there will be increasingly higher demand for prefabricated devices. By then, the surrounding areas will have the chance to serve the construction of Hainan into a free trade island.
Project Site	Changjiang County Circular Economy Industrial Park or Nuclear Power Plant
Total Project Cost	RMB100 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	
Contact Person	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

28. Changjiang County Machining Prefabrication Plant Project

29. Changjiang County Important Marine Target Defense System and New Material R&D and Production Base Project

and New Material R&D and Production Base Project	
Project Name	Changjiang County Important Marine Target Defense System and
	New Material R&D and Production Base Project
Project Overview	Hainan Province has a broad sea area, so there will be a high domestic demand for intelligent marine devices and industrial projects. Professional intelligent marine devices and industrial projects developed by university-industry-research cooperation can be used for underwater comprehensive defense in coastal thermal and nuclear power stations and aqua-farms; the development and industrialization of new nano materials will play an active role in building marine defense. The products will be widely used on a wide market. Currently, the industrial park has been "fully equipped" for acceptance of enterprises.
	Investments will be attracted from the following fields: abyssal information detection, system processing, emergency response and underwater defensive system R&D pre-impregnation, forming and after treatment of smart ropes and nets; knitting, forming, shaping and after treatment of smart underwater arresting barriers.
Project Site	Changjiang County Circular Economy Industrial Park or Nuclear Power Plant
Total Project Cost	RMB100 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	
Contact Person	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

30. Changjiang County Nuclear Power Spare Parts Localization Scientific Research Innovation Center

Changjiang County Nuclear Power Spare Parts Localization	
Project Name	Scientific Research Innovation Center
Project Overview	The Hainan Nuclear Power Units 1 and 2 have been successfully put into operation while Phase II Nuclear Power Units 3 and 4 and a small reactor, built by Hainan Nuclear Power, are in progress. In the future, the Changjiang Nuclear Power Plant will be built into a nuclear power base equipped with 5 units. The spare parts of many systems and devices in the nuclear power plant are imported products. Under the general background of industrial upgrading, the localization of spare parts will become a mainstream trend in the future and well meet the market demand. As there are an increasing number of nuclear power units, homemade spare parts will have a good market prospect. Water, road and power systems have been set up in the County Circular Economy Industrial Park, which has opened its door to enterprises. Moreover, the Changjiang Nuclear Power Plant Phase I has been built and fully equipped with various facilities and devices. Also, the plant has exact target users and can meet corporate user demand. Investments will be attracted from the following domestic industries: nuclear power machinery, electrical engineering, instrument control,
Project Site	instruments and spare parts. Changjiang County Circular Economy Industrial Park or Nuclear Power Plant
Total Project Cost	RMB100 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	
Contact Person	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

31. Changjiang County Other Nuclear Power-associated Industry

Project

Project Name	Changjiang County Other Nuclear Power-associated Industry Project
Project Overview	Nuclear power is low-carbon clean energy. In the coming period of time, new energy and renewable energy, in particular nuclear power, will become a main energy research direction in Hainan and the key to ecological environmental protection and sustainable development. Nuclear energy publicity relies on the high-tech advantages of nuclear power. Nuclear power knowledge and safety knowledge can be popularized to raise the public's awareness and recognition of nuclear power so as to promote the sound development of nuclear power and relevant industries. Nuclear power culture tourism involves nuclear power glant tours, high-tech agricultural sightseeing tours, nuclear power science & technology museum tours and nuclear power exhibition hall tours.
	Changjiang is where Hainan's nuclear power industry is located and provides strong user needs for nuclear power industry tourism and nuclear power culture tourism.
Project Site	Selected according to the actual conditions
Total Project Cost	RMB50 million
Cooperation Mode	Joint venture, cooperation or sole proprietorship.
Panoramic Photo (Project Rendering)	

	Changjiang County Investment Promotion Office, Hainan Province 0898-26698016 cjxzsb168@163.com
Contact Person	Management Committee of Changjiang County Circular Economy Industrial Park 0898-26699191

32. Chengmai Marine Economy Equipment Manufacturing Project

Project Name	Marine Economy Equipment Manufacturing Project
Project Overview	The Hainan Old City Economic Development Zone was founded in May 1988 and upgraded in March 2006. The development zone has significant locational advantages, complete supporting facilities, and a solid industrial foundation. The project is oriented to the marine engineering industry chain and provides all-around equipment support for offshore oil development, undersea geophysical prospecting and mariculture.
Project Site	Hainan Old City Economic Development Zone
Total Project Cost	RMB1.5 billion
Cooperation Mode	Sole proprietorship or cooperation
Panoramic Photo (Project Rendering)	
Contact Person	Chengmai County Commerce Bureau Li Ning 13876116985

33. Haikou Comprehensive Bonded Zone Bonded Low-carbon Processing and Manufacturing Project

Project Name	Haikou Comprehensive Bonded Zone Bonded Low-carbon
	Processing and Manufacturing Project
Project Overview	The Haikou Comprehensive Bonded Area (formerly known as Haikou Bonded Area) is the only comprehensive bonded area and one of the two customs special supervision areas in Hainan. It is also the most open export-oriented economic agglomeration area, a pilot free trade zone constructed with the joint efforts of Hainan and an important park by which Hainan steadily promotes the construction of a free trade port with Chinese characteristics. Planned land area: 50-100 mu. Enterprise requirements: the enterprise should coincide with the functional orientation of the comprehensive bonded area, sell products to both domestic and foreign markets, "put both ends or either end of the production process (the supply of raw materials and the marketing of products) on the world market", and encourage to invest in projects with foreign capital or in joint venture mode. Intensity of investment in unit area of land: RMB4 million per mu; output efficiency: RMB6 million per mu. Target investment sources: 1. Bonded processing of international branded goods; 2. Processing, R&D and manufacturing of high-tech technologies and high-value-added products such as new technologies, new energy and new materials; 3. Related supporting industries including domestic and overseas maintenance, remanufacturing, parts manufacturing; 4. Drug R&D and manufacturing industries. Construction content: plant buildings, office buildings and related supporting facilities.
Project Site	Haikou Comprehensive Bonded Area (69 South First Ring Road, Hainan Old City Economic Development Zone)
Total Project Cost	RMB200-400 million.
Cooperation Mode	Registered in the Haikou Comprehensive Bonded Area, the enterprise can acquire the industrial land use right in the Haikou Comprehensive Bonded Area and build buildings and carry on business on the land.



Project Name	Hainan Wenchang International Sky City
Project Overview	The land covers an area of about 18,000 mu, consisting of the West Bamen Bay Area and the Aerospace Supercomputer Big Data Industrial Cluster Area. There are well-established five networks in the surrounding areas, forming a convenient traffic environment. With space launch and supporting service industries, high-end aerospace R&D and manufacturing leading industries at the core, the project aims to develop "aerospace" + industry fields such as spatial big data development and application, rocket development, ground test equipment and assembly test, aerospace science and technology education, cultural tourism, education and training on international aerospace cooperation, etc.
Project Site	Hainan Wenchang International Sky City Pilot Area
Total Project Cost	See the Control Indexes for Construction Land Transfer in Hainan (Proposed) for the provisions on intensity of investment
Cooperation Mode	Sole proprietorship or joint venture
Panoramic Photo (Project Rendering)	<figure></figure>
Contacts	Contact Person: He Qian 13006098567

34. Hainan Wenchang International Sky City