



CHINA MACHINERY ENGINEERING CORPORATION

2022 Edition



01

Company Profile



Founded in 1978 as China's first engineering & trade company, CMEC has been at the forefront of opening-up of China's machinery industry.

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江澤民
一九九三年
八月四日

深化改革，勇于探索
为开发机电产品国际市场
而努力奋斗。
李鹏
一九九四年十月

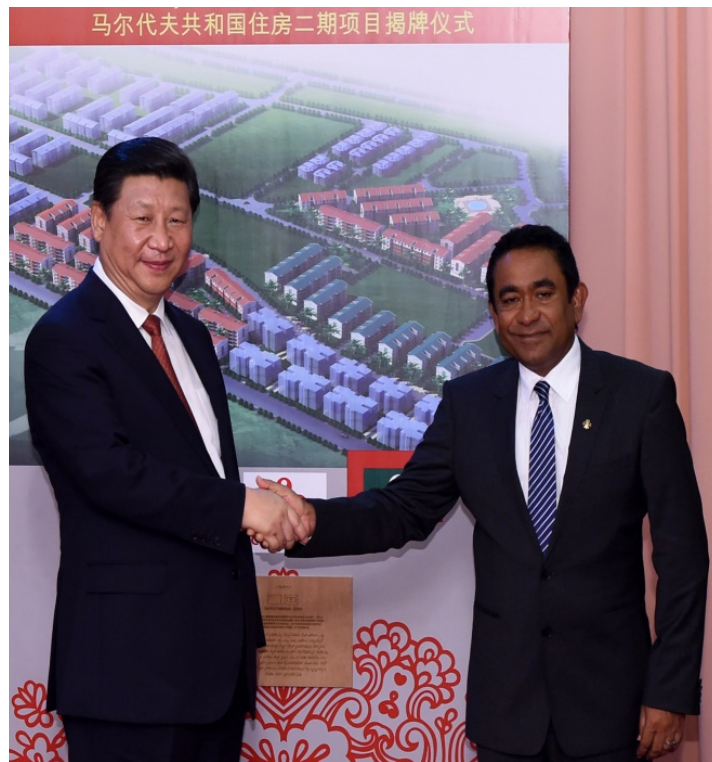


Jia Qinglin, the first general manager of CMEC, attends the renaming ceremony of CMEC.

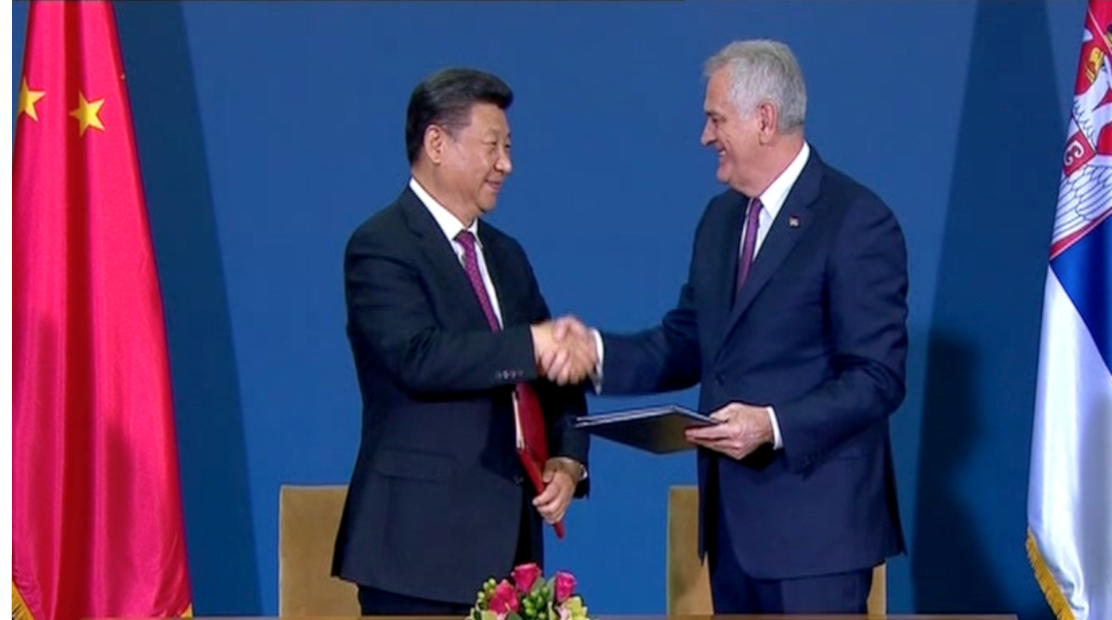
Chinese President Xi Jinping has attended and witnessed the signing and launch of CMEC's overseas projects.



President Xi attended the launching ceremony of the Puttalam Coal-fired Power Plant.



President Xi attended the inaugurating ceremony of the Housing Units in Maldives.



President Xi witnessed the signing of the memorandum on the Project for the Treatment and Disposal of Urban Waste Water from the Central Area in Belgrade in Serbia.



President Xi attended the launching ceremony of the Belgrano Cargo Railway Rehabilitation Project.

CMEC's parent company is China National Machinery Industry Corporation (Sinomach), a major state-owned enterprise directly managed by the central government.

284st among Fortune Global 500

69th among Top 225
International
Design Firms

35th among Top 250
International
Contractors

CMEC is the headquarters of the CMEC Group, which is comprised of six project contracting and design & consultation enterprises affiliated to Sinomach.



CMEC mainly engages in project contracting and industrial development, explores markets at home and abroad, and contributes to creating the new development paradigm with domestic circulation being the mainstay and the two circulations reinforcing each other.



02

Business Scope

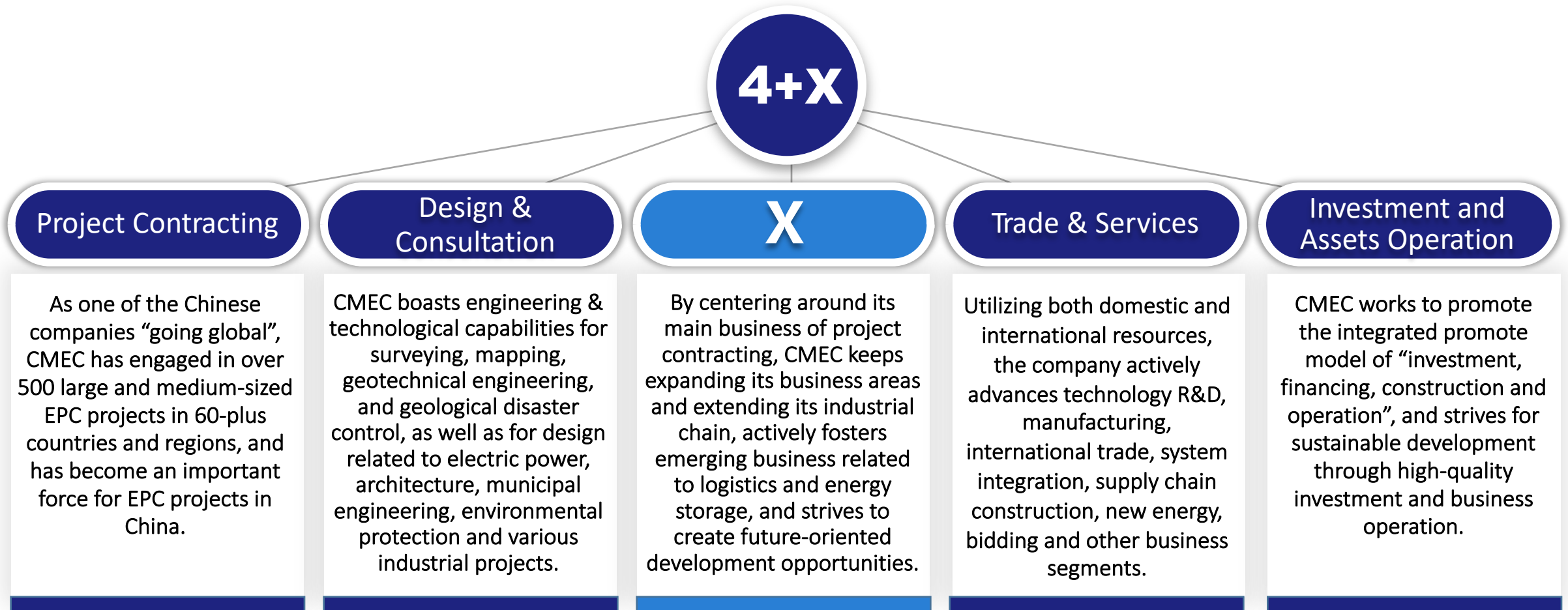


Since its early development as a commercial platform company, CMEC has built a full industry chain and specialized competitive advantage in the field of engineering and construction.

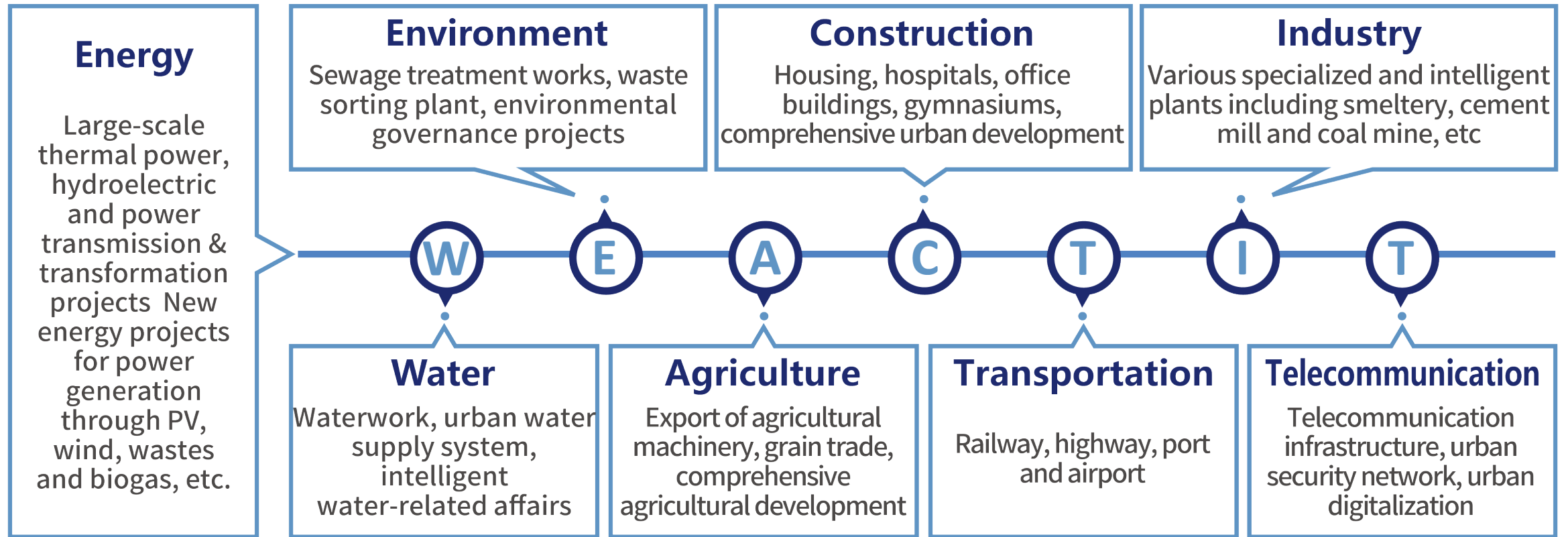
One-Stop, Customized Solutions



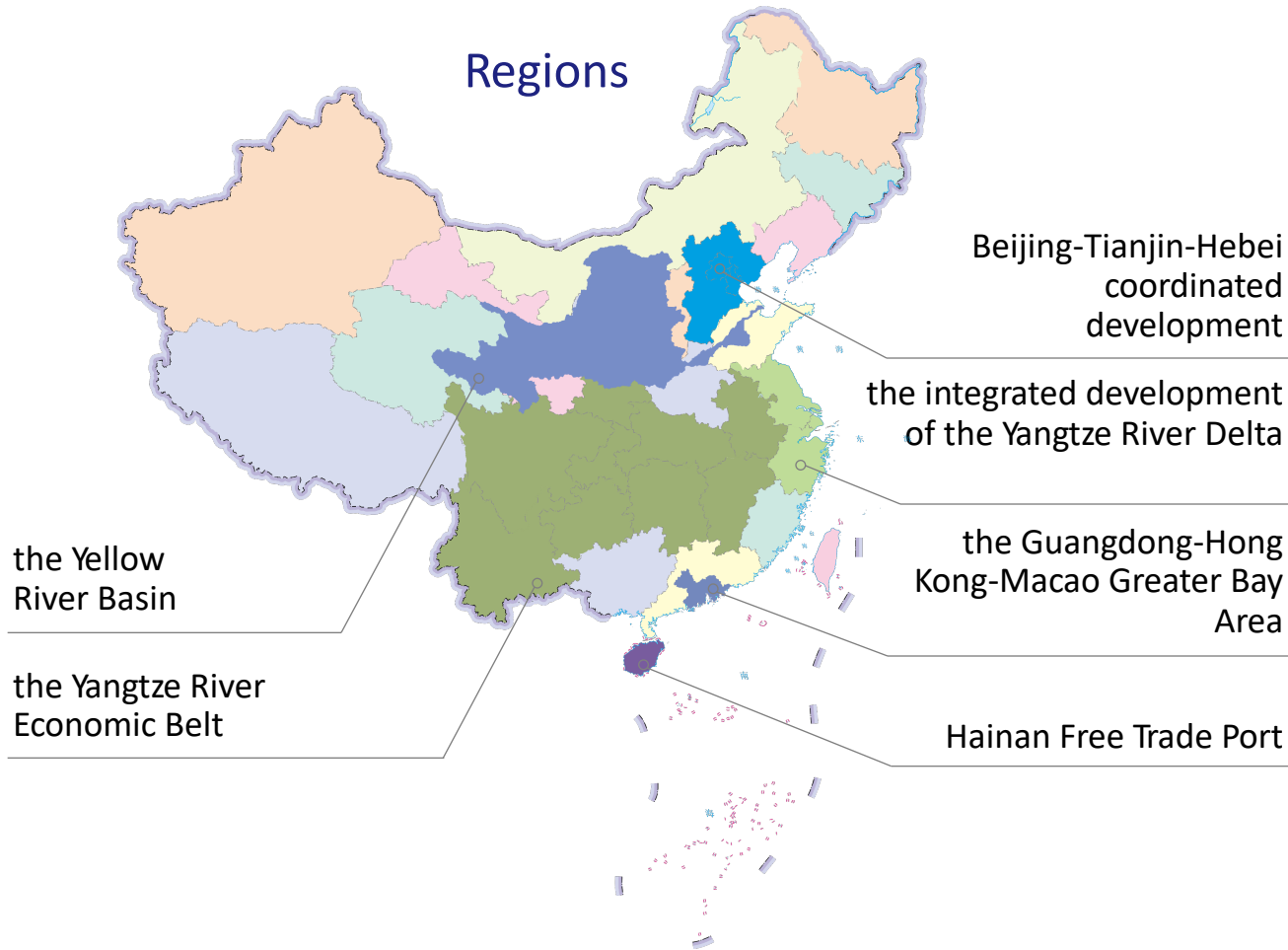
The 4+X business portfolio has consolidated the foundation and opened up new space for the business development of CMEC.



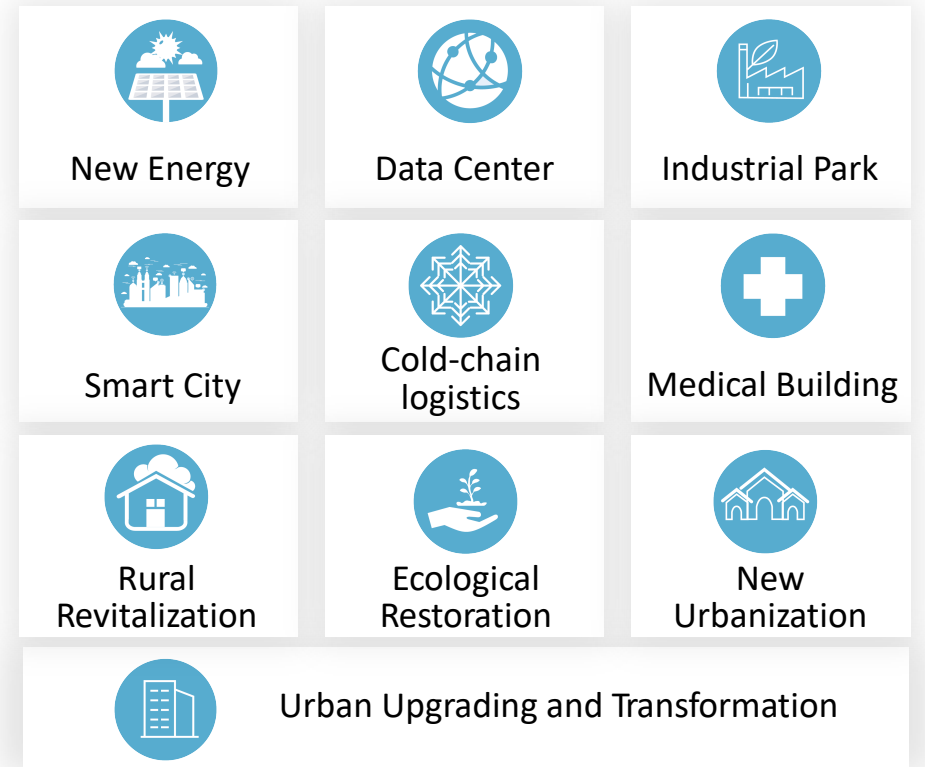
Focus on energy, green and specialized projects. CMEC fully engages in key industries pertaining to national economy and the people's livelihood at home and abroad.



CMEC implements its strategy for “ensuring stable overseas business development and exploring domestic business”, keeps serving China’s major strategies for regional development, and intensifies efforts to explore the domestic market.



Industries



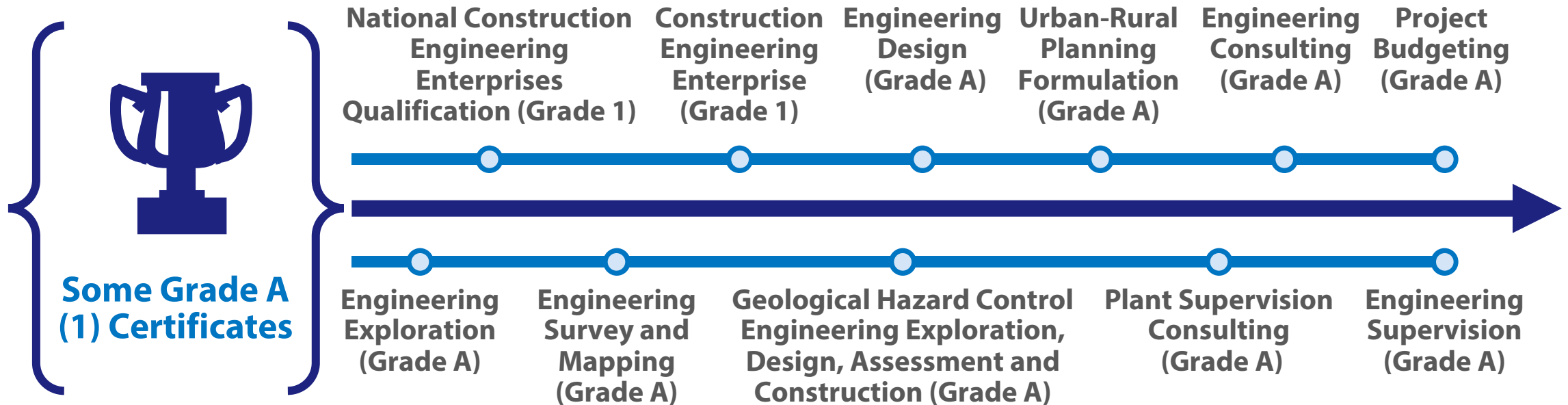
03

Distinct Competence



Multi-field Development and Construction Competence

CMEC and its subsidiaries have been granted more than 110 certificates by national ministries and commissions, as well as provincial institutions



Specialized technical service capabilities

The five high-quality design and research institutes under CMEC fully support the technical needs of various construction projects.

China Machinery International Engineering Design & Research Institute Co., Ltd (CMIE)

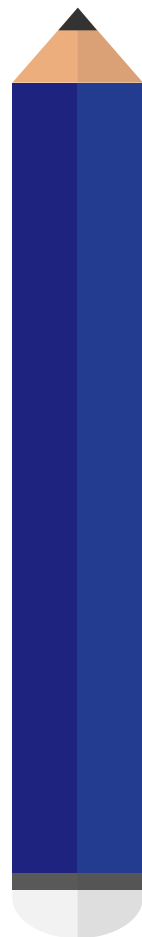
CMIE is at the industrial forefront in the fields of photovoltaic power generation, prefabricated construction, municipal construction, environmental protection, BIM application and smart factory construction.

China Jikan Research Institute of Engineering Investigation and Design (JK Institute)

Jikan Institute is an industry leader in geotechnical survey, air-space-earth mapping, urban and rural planning, ecological & environmental restoration, and municipal infrastructure construction.

China Power Construction Engineering Consulting Central Southern Company Limited

The company boasts whole-process engineering consulting and technical research capability in thermal power, new energy, environmental engineering, municipal utilities and other fields.



China Electric Design and Research Institute Co., Ltd

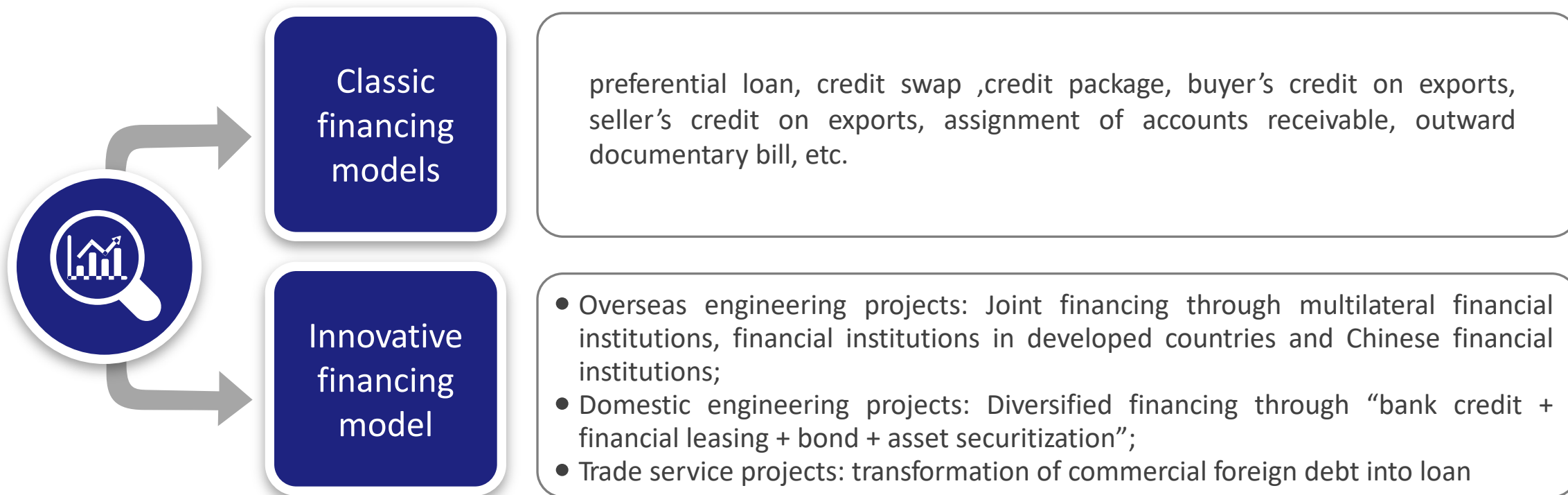
The company has leading advantages in smart logistics, smart cities, new energy, solid waste treatment, construction, municipal works and other fields.

Harbin Power Station Equipment Design and Research Institute Co., Ltd

The company has core competence in power station big data, power station engineering design & supervision, clean combustion, environmental technology, equipment R&D, etc.

Capabilities for high-quality financing and innovation

CMEC flexibly applies diversified models to provide various large complicated projects with strong financing supports.



Partnerships with global financial institutions – excellent capabilities for foreign exchange control – solid cash flow

Capabilities for high-level scientific & technological innovation

CMEC pursues its business development driven by scientific & technological innovation and strives to enhance its technological capability by centering on core demands of engineering projects in market competitions.



High-end product

High-speed train brake disc,
“four wheels and one belt”,
high-end alloy metal



High-end technology

Smart factory, intelligent water-
related affairs, sponge city,
hydrogen production &
hydrogenation, silo parking,
space-air-ground IT application,
prefabricated construction



High-end solution

Integrated solutions to construction
of smart city and data center

Reliable Capability in Engineering Logistics

With 30 logistics branches and offices across the globe, CMEC is capable of transporting heavy-lift items for various engineering projects, under complicated conditions or in a connecting and combined manner.



Transportation of Cargo for the Kipeto Wind Farm Project in Kenya



Transportation of Cargo for Berezovskaya Combined Cycle Power Plant & Lukolskaya Combined Cycle Power Plant



Transportation of Cargo for the Sainshand Wind Farm Project in Mongolia

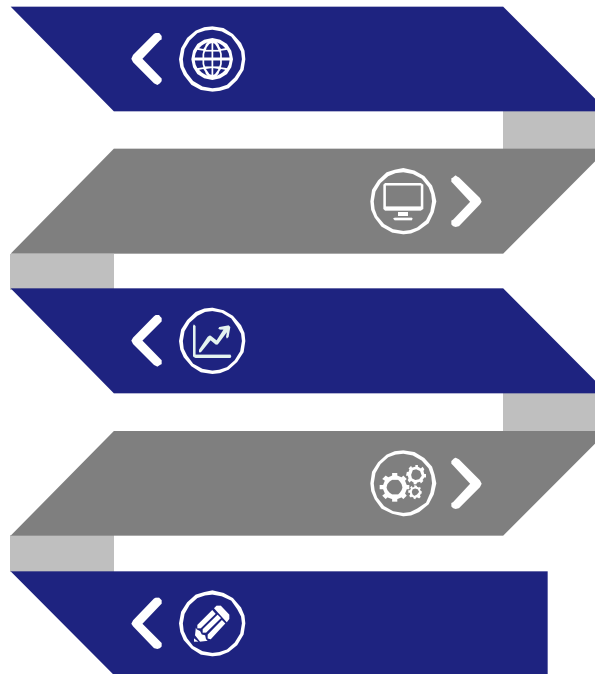
Comprehensive resource integration capabilities

By relying on its “circle of friends” and “ecosphere”, CMEC integrates international and domestic resources and plays a unique role in bridging the “double circulations”.

Take the lead in encouraging Chinese companies in the industry to go global by partnering with China’s leading enterprises in the industry.

Break the barriers between domestic trade and foreign trade through integrating domestic and overseas supply chains.

Promote rational market structure through third-party international cooperation.



Drive continuous industrial upgrading in China through introduction of capital, technology and equipment.

Through industrial chain empowerment and innovation, the company serves to build a domestic economic cycle.

Help the people at project location live a better life through global project construction.

04

Major Projects



The energy and new energy projects that CMEC undertakes have won the Luban Award (Overseas Project), China's highest award for construction projects for four times.



Eren (1+1) *600MW Supercritical Coal-fired Power Plant



Berezovskaya 427 MW Combined Cycle Power Plant



Soyo I Combined Cycle Power Plant



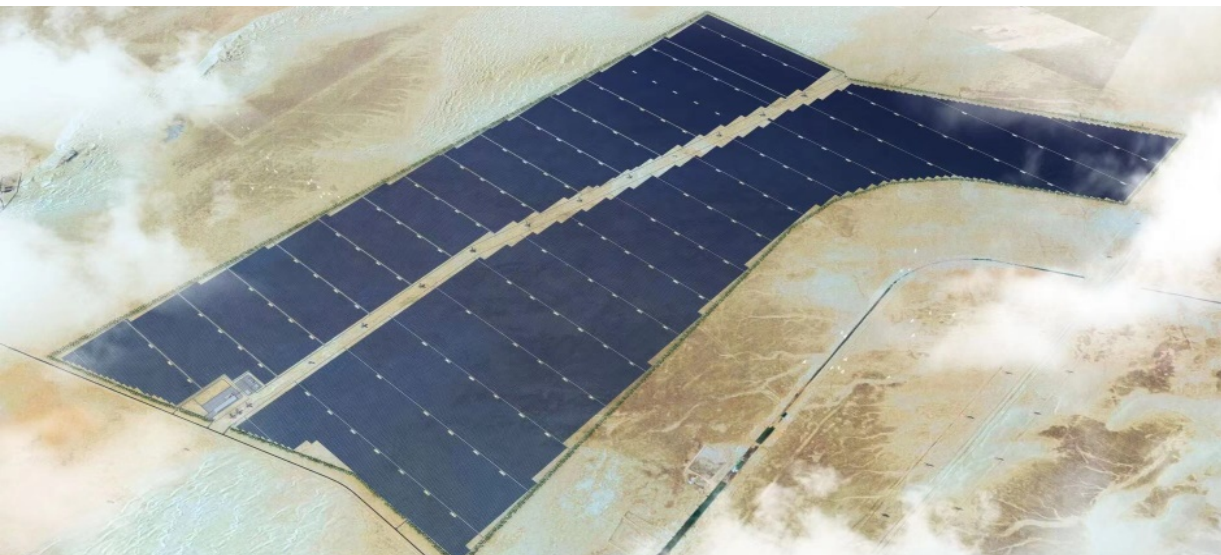
Nikopol 246MW Photovoltaic Power Plant Project in Ukraine

The Pakistani Thar project cluster is a flagship project of the China-Pakistan Economic Corridor and the representative project for CMEC's "integrated investment, financing, construction and operations".



CMEC has built in China six CMEC plazas, most of which house local industrial parks and high-tech zones.





Al Dhafra PV2 Solar Power Plant,UAE



CATL Sichuan Power Battery Manufacturing Base P5 Project



Beijing Shunyi District 26.88MW Household Distributed Photovoltaic Project



Kipeto Wind Farm Project,Kenya



WTE Power Plant Project In North Dhaka, Bangladesh



Shanxi Pengwan Qinggang Hydrogen Production (20,000t/yr) from COG Project



100MW/800MWh Advanced Underground CAES, Ye County, Ping Dingshan City, Henan Province



Biomass Power Generation Project of Guangzong, He Bei Province



The Package Project of KOSTOLAC-B Power Plant, Serbia



Salah Aldin 2x630MW Power Plant Project, Iraq



Project of 600MW Steam Turbine Power of Centro Power Plant, Venezuela



Jhang 1263MW Combine Cycle Power Plant Project, Pakistan



Neelum - Jhelum Hydro electric Project,Pakistan (4*243MW)



Imboulou Hydropower Plant ,Congo(Brazzaville) (4*30MW)



Zungeru Hydropower Project,Nigeria (700MW)



Murum Hydropower Plant ,Malaysia (4*225MW)



Transmission Line and Substations for Djibloho Hydropower Plant, Equatorial Guinea



Transmissionline Project in Congo(Brazzaville)



Lauca 400kV Transmission Line Project, Angola



Rehabilitation and Expansion of the Luanda Electricity Network Project, Angola



KAR Group Cement Plant in Qarachog,Iraq



ETI Mine-Bandirma Boron Carbide Production Plant Project,Turkey



Construction, Assembly and Commission of the Lithium Carbonate Industrial Plant



Henan Kaixiang Fine Chemical Industry Corp. 100000 Tons/Year PBT Series Product Project



Belgrano Cargo Railway Rehabilitation Project in Argentina,Argentina



Nay Pyi Taw International Airport Project,Myanmar



The Upgrading to Bitumen Standard of Main Road 67 Between Omakange and Ruacana,Namibia



Malabo University Town, Equatorial Guinea



Development of One Thousand Housing Units in Hulhumale Island, Maldives



Multifunctional Club of Mundi, Cameroon



Limbe Stadium Project, Cameroon



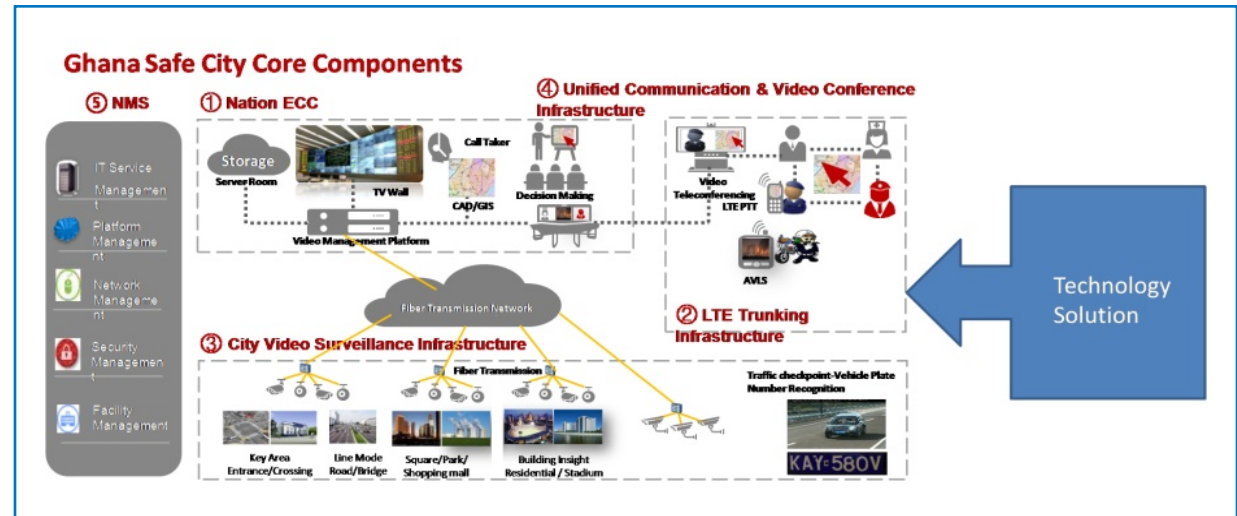
China Unicom Hengyang Big Data center



Tencent Internet Data Center Project



Development of National ICT Infra-Network for Bangladesh Government (Info Sarkar)



Integrated National Security Communications Enhancement Network, Ghana



the Construction of multidisciplinary hospital for 800 beds and a clinical diagnostic center (polyclinic) for 700 visits per shift in Shymkent, Kazakhstan



Zambia Hospital and Auxiliary Projects



Zhangjiajie Infectious Disease Hospital



New Setting of Guangming District People's Hospital in Shenzhen



Renovation of Old Residential Communities in Beijing



Xi'an Xianyang International Airport Expansion Project



Xiong'an New Area Planning and Design Project



Sponge Renovation Project in Xiejia and Tianshui District of Ningbo City



Djiri Drinking Water Treatment Plant Project, Congo(Brazzaville)



Smart Water Project (Phase I) of Longwang Port Basin in Xiangjiang New District, Hunan Province



Implementation of Gampaha, Attanagalla & Mimuwangoda Integrated Water Supply Scheme, Sri Lanka



Drinking Water Treatment Plant and Supporting Projects of Yaounde city, Cameroon



Kulunegala Sewage Treatment Plant , Sri Lanka



Shiyan Medical Waste Disposal Center in Hubei Province



Zhangjiagang Food Waste Resource Utilization and Harmless Treatment Project in Jiangsu Province



Pollution Interception and Treatment Project of Xingyun Lake, Yuxi City, Yunnan



Changsha Economic Development Zone Blockchain Industrial Park



Science and Education Industrial Park (Phase I) Project in Qujiang District, Quzhou City, Zhejiang Province



TianJin Ultra-micro Filtration Membrane Project with Annual Output of 1245 Tons



CRRC Offshore Wind Power Base in Yangjiang, Guangdong



Manufacturing, R&D and Trade of High-End Castings and Forgings



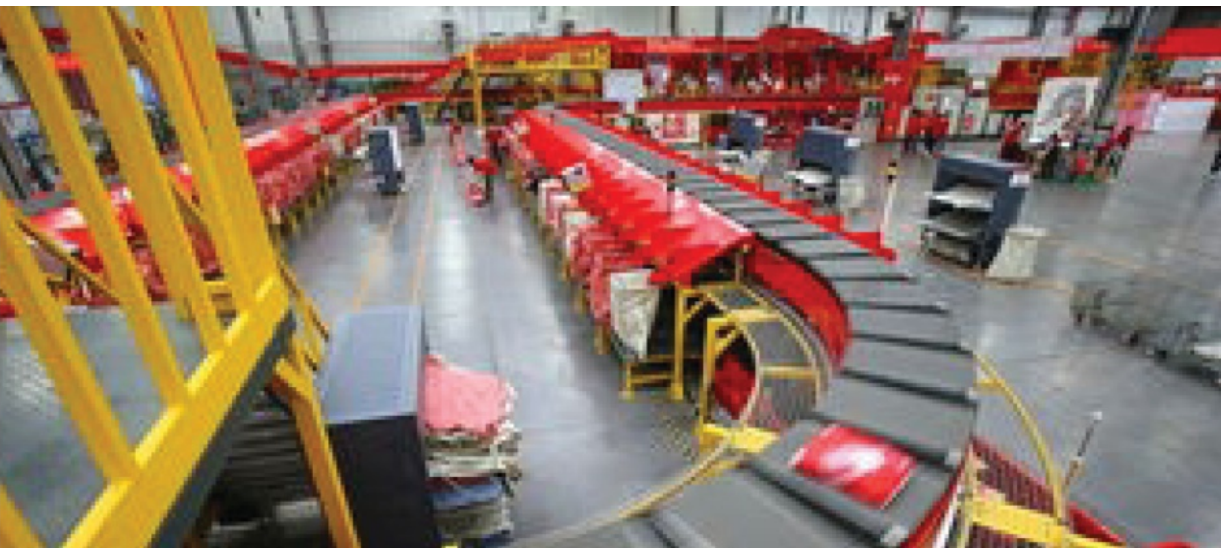
4,250 TEU Container Vessels Exported to Germany



Overseas warehouses and cross-border e-commerce platform



Italy smart electric meter supply project



JD Tianjin Unmanned Warehouse Project



Beijing Qianxi Crane Cold Chain Logistics Project



Anhui Huishang Agriculture Products Intelligent Circulation Center



CRRC Yongji Intelligent Manufacturing Logistics Park

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