



国机工程集团
CMEC GROUP



CMEC

国机工程集团总部

the Headquarters of CMEC Group

中国机械设备工程股份有限公司

China Machinery Engineering Corporation

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原全国政协主席贾庆林为公司题词

Inscription for CMEC by Jia Qinglin, former Chairman of the National
Committee of the Chinese People's Political Consultative Conference

“Soaring”



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C 简介 国机工程集团 MEC Group Profile

中 国机械工业工程集团有限公司，简称国机工程集团，是由世界500强企业国机集团下属的中设集团、中工国际、中机建设、中国联合、中机六院、中国海航组成的企业集团。

国机工程集团是以“工程承包与产业开发”为主营业务的国际性企业集团，是新中国工业体系建设的重要参与力量，是最早进入国际市场的中国工程承包商，是共建“一带一路”的主力军。

集规划咨询、投资融资、工程承包、贸易服务、产业发展于一体，国机工程集团在近百个国家和地区拥有工程项目建设业绩，业务涉及电站电网、新能源和新基建、工业工程、医疗卫生、石油化工、市政环保、生态环境、交通运输、智慧工业、现代农业、港口航道、水工水务、通信工程等各类国民经济重要产业。

在拥有中国综合实力最强的医疗建筑设计咨询团队的同时，国机工程集团在高端铸锻件、装配式建筑、产业数字化、空天地信息化、智能工厂、智慧水务、海绵城市、制氢加氢、智慧城市和数据中心建设等领域，具备先进的技术储备和完整的解决方案。

随着重组并购步伐的加快，国机工程集团实现了由早期的商务平台公司和设计院向综合型专业化企业集团的转变，拥有了工程建设领域全产业链的专业化竞争优势。

依托自身拥有的多家中国国家顶级综合设计研究院、施工企业集团、物流公司和项目管理公司等，国机工程集团牢牢掌握了与工程建设和区域综合开发相关的规划咨询、岩土勘察、工程设计、工程建造、工程物流等全方位的专业化能力。

国机工程集团赢得了众多国内金融机构、海外金融机构和国际金融组织的信任和融资支持并与国内外能源、环保、机械设备等行业领域的龙头企业建立起了牢固的合作伙伴关系，打造了业态完整、优势互补的生态系统。

国机工程集团将为成为“世界一流的工程承包和产业发展综合服务商”不懈努力。

C hina Machinery Engineering Group Corporation (CMEC Group) is under China National Machinery Industry Corporation (SINOMACH), which is a Fortune 500 company. CMEC Group consists of CMEC, CAMCE, SINOCONST, China United Engineering Corporation, SIPPR Engineering Group Co., Ltd, and China Ocean Aviation Group.

CMEC Group is an international conglomerate primarily engaged in engineering contracting and industrial development. Being the first Chinese engineering contractor to enter the international market, it plays an important role in the Belt and Road Initiative.

CMEC Group has integrated planning, consulting, financing, investment, engineering contracting, trade and service and industrial development. CMEC Group's projects spread across nearly 100 countries and regions in the world, covering a wide range of activities in the pillar industries of national economy, such as power generation, power grid, renewable energy, new infrastructure, industrial engineering, health care, petrochemicals, municipal facilities, environmental protection, transportation, smart industry, modern agriculture, ports and waterways, water engineering and telecommunications engineering.

In addition to having a top-notch healthcare facility design, engineering and consulting team in China, CMEC Group has advanced technology and A-to-Z solution for high-end castings and forgings, prefabricated buildings, industrial digitalization, air-space-ground communication, smart factories, smart water services, sponge cities, hydrogen production and hydrogenation, smart city, data center construction, etc.

With the accelerated pace of restructuring and merging and acquisition, CMEC Group has evolved from a business platform company and design institute to a comprehensive, professional conglomerate with strong competency in all sectors of engineering and construction industry.

Relying on its own design and research institutes, construction companies, logistics companies and project management companies, which are on the top-class list nationwide, CMEC Group has a firm grip on engineering construction and regional comprehensive development and the relevant planning consultation, geotechnical investigation, engineering design, construction, and logistics.

CMEC Group has won the trust and support of many domestic and international financial institutions and has also established a strong partnership with leading companies at home and abroad in fields such as energy, environmental protection, machinery and equipment, creating an ecosystem featuring a full range of business and complementary resources.

CMEC Group will strive to be a leading solution provider in international engineering contracting and industrial development.

C 简介 中设集团 MEC Profile

中国机械设备工程股份有限公司，简称中设集团或CMEC，是一家以工程承包和产业开发业务为核心，融合贸易、设计、勘察、物流、研发等全产业链支撑的大型国际化综合性企业集团；能够提供区域综合开发及各种类型工程项目的前期规划、设计、投资、融资、建设、运营、维护等“一站式”定制化解决方案。

能源工程是中设集团的核心业务领域。截至2020年，中设集团已在全球20多个国家和地区建设了218座燃煤、燃机电站机组，拥有从B级到H级全系列燃机电站的建造业绩；在10多个国家和地区建设了大型水电站，在近10多个国家和地区建设了国家骨干电网、变电站、智能电网等一系列电网工程，被称为名副其实的“光明的使者”。

近年来，中设集团还成为全球绿色能源建设的主力军。业绩包括各种类型的光伏电站、风力发电厂、垃圾发电厂、沼气发电厂、储能电站等，基本实现了新能源类别全覆盖。中设集团开发的电池储能产品以及压缩空气储能项目，在构建以新能源为主体的新型电力系统中也发挥了重要作用。

中设集团还在包括中国在内的五大洲国家，积极参与同经济发展和民生幸福紧密相关的工程建设，包括：水厂和城市供水等水务工程；污水治理、垃圾处理、烟气治理等环保工程；住房、医院、体育馆、大学城等建筑工程及数据中心、人工智能等新基建工程；公路、铁路、机场等交通枢纽改造和建设工程；冶炼厂、化工厂、水泥厂、煤矿等工业工程；通讯基础设施和城市安全网等通讯工程。

作为“一带一路”先行者，中设集团业务遍布160多个国家和地区，在近60多个国家和地区拥有海外工程项目业绩，设立了9个海外区域中心和100多个海外派驻机构，并在继续加大区域化、属地化建设，以深度掌控全球产业链供应链。

展望未来，中设集团将继续携手中外朋友，共同创造更加美好的明天！

China Machinery Engineering Corporation, known as CMEC for short, has developed into a conglomerate with its core business in international engineering contracting and industry business development. CMEC also incorporates a whole industry chain including trade, design, survey, logistics, and R&D into its business scope. On such basis, CMEC is capable of providing one-stop, customized solutions that covers pre-project planning, design, investment, financing, engineering, construction, operation and maintenance for different types of infrastructure projects and regional comprehensive development.

With more than 40 years of experience in the engineering industry, CMEC has developed the capacity to provide one-stop, customized, complete plant solutions spanning preliminary planning, EPC, financing, and operation and maintenance. It has expanded its business presence to 47 countries and regions in Asia, Africa, Europe and South America, forming a project contracting system with electric power energy at the core and covering transportation, telecommunications, waterworks, building materials and cement, etc. In February 1983, CMEC won the bid to build a 210MW thermal power station in Guddu, Pakistan, becoming the first Chinese corporation to undertake overseas contracts under the export seller's credit agreement. Upon entering the 21st century, CMEC became the first company to introduce Chinese-made 600MW supercritical coal-fired generator to the international market. In December 2012, the EREN (1+1)×600MW supercritical coal-fired power plant in Turkey won the Luban Award for Overseas Projects, making itself the first overseas coal-fired power plant to win this prize. In November 2015, the Belezov project in Belarus also won the Luban Award for Overseas Projects. Dubbed as the Three Gorges Project of the Republic of Congo, the Imboulou 4×30MW Hydropower Station was completed and put into operation in 2010. Started in April 2016, the Pakistan Thar Mining and Power Project is not only the first coal & power integration project for the China-Pakistan Economic Corridor that has been implemented, but also CMEC's first overseas power investment project under the strategy of business development driven by investment.

In the area of international trade, CMEC is a pioneer in China's machinery and electronic products industry. It is now the key supplier of high-end casting and forging products for top international corporations including GE, Caterpillar and Liebherr. CMEC was the comprehensive power solutions supplier for the 2008 Beijing Olympic Games, the 2010 World Expo in Shanghai, and the iconic new office building of China Central Television. CMEC has been actively promoting the new energy project of distributed PV plants and now possesses the capacity to provide one-stop systematic services.

CMEC now offers door-to-door logistics solutions and all-process logistics services for various engineering projects. So far, it has provided tailor-made logistics services for more than 100 overseas EPC projects, becoming a leading figure in China's international engineering logistics industry. CMEC's Exhibition business has introduced foreign trade enterprises and producers to more than 100 countries and regions. It has hosted, or participated in more than 1,000 world famous expos and exhibitions. CMEC Exhibitions cover 30 industry segments. Their scales tops the exhibition industry in China. As industry leader, CMEC sets the industry standard for China's overseas exhibitions.

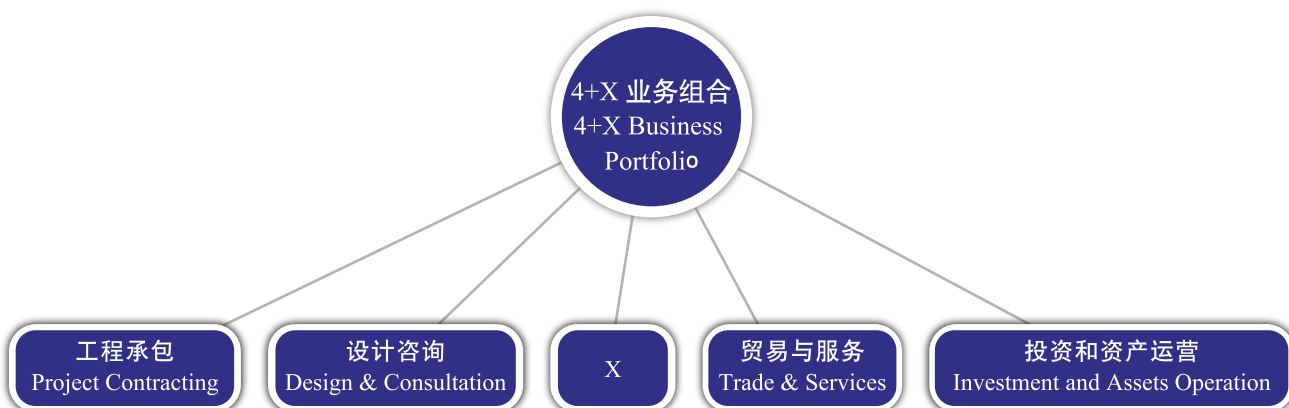
CMEC has set up a complete system for quality, and environment and occupational health management, to ensure the high-standard and quality of its products and services. Through years of innovation and development, CMEC has built itself into an international brand, with business interests in more than 150 countries and regions across all five Continents. As China's top ranking engineering contractor and service provider with an exemplary international reputation, CMEC embraces the philosophy of "Create Ideas, Achieve Dreams". To achieve happier lives for people around the world, CMEC vows to provide top quality services with high added value and returns. It is committed to mutual benefit, common development and progress in harmony, making the world a better place!

B 业务范围 Business Scope

国内外全布局、“全产业链”一站式定制化解决方案
A global, one-stop and customized solution for the entire industry chain.



4+X 多元业务组合为CMEC的业务发展夯实了基础、开辟了新空间
The 4+X business portfolio has consolidated the foundation and opened up new space for the business development of CMEC.



- 近100家国内外分子公司和代表处，遍及全球主要市场和国内主要省区市
- Nearly 100 branches, subsidiaries and representative offices operate in major markets at home and abroad.

P 项目展示 重点项目 Projects Display Major Projects

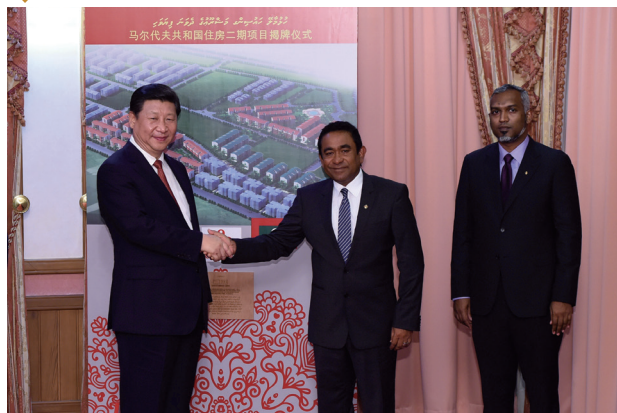
习近平总书记多次亲自出席并见证CMEC海外重要项目的签约、开工和竣工仪式

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



出席斯里兰卡普特拉姆燃煤电站启动仪式

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



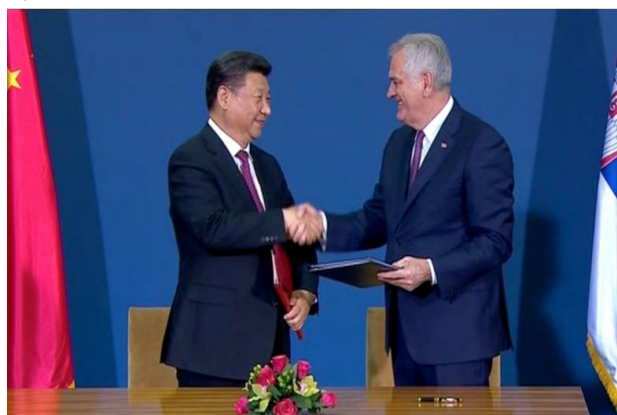
出席马尔代夫住房项目揭牌仪式

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



出席阿根廷贝尔格拉诺货运铁路改造项目启动仪式

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



见证塞尔维亚贝尔格莱德污水厂项目备忘录签署

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.

P 项目展示 重点项目 Projects Display Major Projects

四次获得中国建设工程最高奖——鲁班奖

CMEC won Luban Award four times, the highest award in China for outstanding construction projects.



土耳其艾伦超临界燃煤机组电站项目 (2013)
EREN Supercritical Coal-Fired Power Station, Turkey



白俄罗斯别列佐夫联合循环电站项目 (2015)
Berezov combined Cycle Power Station, Belarus



安哥拉SOYO I 联合循环电站 (2021)
Combined Cycle Power Plant Soyo I, Angola



乌克兰尼科波尔246MW光伏电站项目 (2022)
Nikopol 246MW Photovoltaic Power Plant Project, Ukraine

P 项目展示 能源 rojects Display Energy



巴基斯坦塔尔煤矿电站项目群
Thar Block II 2×330MW Coal Fired Power Project, Sindh Province, Pakistan

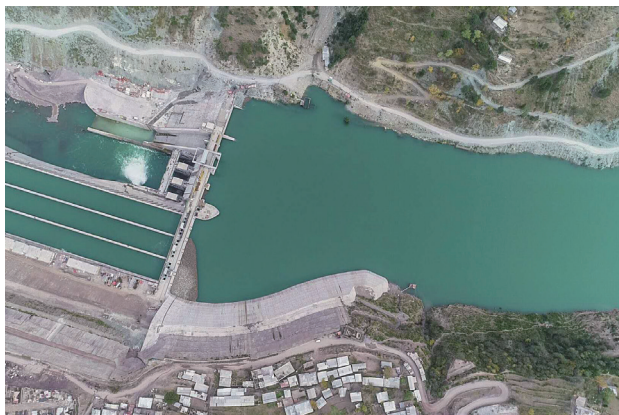


塞尔维亚科斯托拉茨B电站项目
The Package Project of KOSTOLAC-B Power Plant, Serbia



伊拉克萨拉哈丁燃油气电站项目
Salah Aldin 2x630MW Power Plant Project, Iraq

P 项目展示 能源 rojects Display Energy



巴基斯坦NJ(4×243MW)水电站项目
Neelum - Jhelum Hydro electric Project (4×243MW), Pakistan



尼日利亚宗格鲁700MW水电站项目
Zungeru Hydropower Project (700MW), Nigeria



赤道几内亚输变电路工程项目
Transmission Line and Substations for Djibloho Hydropower Plant, Equatorial Guinea



安哥拉罗安达城市电网改造项目
Rehabilitation and Expansion of the Luanda Electricity Network Project, Angola

P 项目展示 新能源 Projects Display Renewable Energy



阿联酋艾尔达芙拉PV2太阳能电站
Al Dhafra PV2 Solar Power Plant, UAE



四川时代动力电池生产基地P5项目
CATL Sichuan Power Battery Manufacturing Base P5 Project



北京市顺义区26.88MW分布式户用光伏项目
Beijing Shunyi District 26.88MW Household Distributed
Photovoltaic Project



肯尼亚基佩托风电项目
Kipeto Wind Farm Project, Kenya

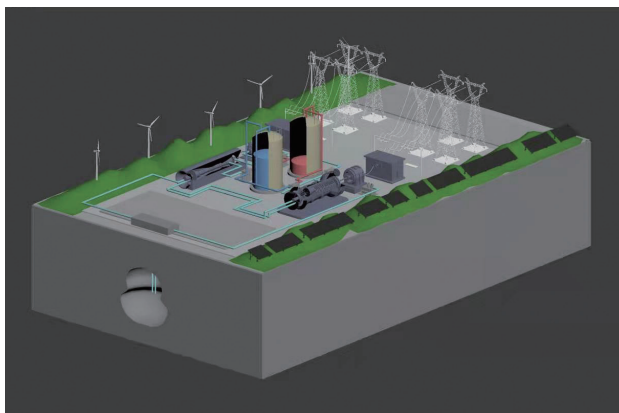
P 项目展示 新能源 Projects Display Renewable Energy



孟加拉北达卡市垃圾发电项目
WTE Power Plant Project In North Dhaka, Bangladesh



山西鹏湾氢港2万吨/年焦炉煤气制氢项目
Shanxi Pengwan Qinggang Hydrogen Production (20,000t/yr)
from COG Project



平顶山叶县100MW/800MWh先进压缩空气(盐穴)
储能电站项目
100MW/800MWh Advanced Underground CAES, Ye County,
Ping Dingshan City, Henan Province



河北省广宗县生物质热电联产项目
Biomass Power Generation Project of Guangzong, He Bei
Province

P 项目展示 工业工程 projects Display Industrial Engineering



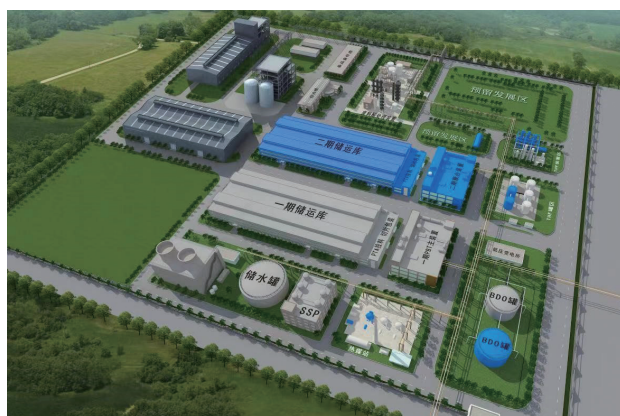
伊拉克卡拉乔水泥厂项目
KAR Group Cement Plant in Qarachog, Iraq



土耳其班德尔马市碳化硼项目
ETI Mine-Bandirma Boron Carbide Production Plant Project,
Turkey



玻利维亚乌尤尼碳酸锂工厂建设项目
Construction, Assembly and Commission of the Lithium
Carbonate Industrial Plant



河南开祥年产10万吨PBT项目
Henan Kaixiang Fine Chemical Industry Corp. 100000
Tons/Year PBT Series Product Project

P 项目展示 交通工程
rojects Display Transportation



阿根廷贝尔格拉诺货运铁路改造项目
Belgrano Cargo Railway Rehabilitation Project, Argentina



纳米比亚公路项目
the Upgrading to Bitumen Standard of Main Road 67 Between
Omakange and Ruacana, Namibia



缅甸内比都国际机场项目
Nay Pyi Taw International Airport Project, Myanmar

P 项目展示 基建工程 rojects Display Construction



赤道几内亚马拉博大学城项目
Malabo University Town, Equitatorial Guinea



马尔代夫乎鲁马累岛住房项目
Development of One Thousand Housing Units in Hulhumale
Island, Maldives



喀麦隆税务协会多功能俱乐部项目
Multifunctional Club of Mundi, Cameroon



喀麦隆林贝体育场项目
Limbe Stadium Project, Cameroon

P 项目展示 新基建与通讯工程 Projects Display New Infrastructure and Telecommunications Engineering



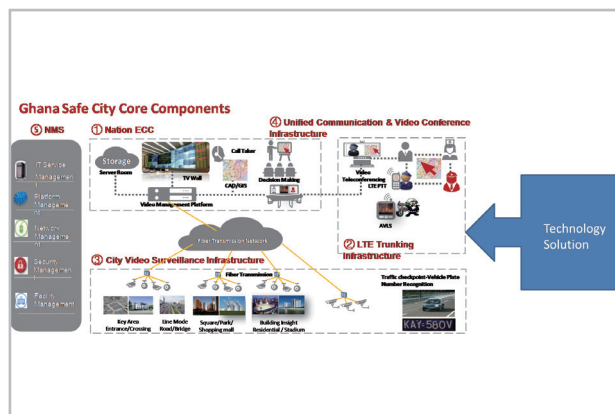
中国联通衡阳大数据中心项目
China Unicom Hengyang Big Data Center



腾讯数据中心设计项目
Tencent Internet Data Center Project



孟加拉国家信息技术基础网络项目
Development of National ICT Infra-Network for Bangladesh Government (Info Sarker)



加纳城市安全网项目
Integrated National Security Communications Enhancement Network, Ghana

P 项目展示 水务工程 Projects Display Water Engineering



刚果(布)吉利饮用水处理厂
Djiri Drinking Water Treatment Plant Project,
Congo(Brazzaville)



湖南湘江新区龙王港流域智慧水务建设一期项目
Smart Water Project (Phase I) of Longwang Port Basin in
Xiangjiang New District, Hunan Province



斯里兰卡阿塔纳水厂项目
Implementation of Gampaha, Attanagalla & Mimuwangoda
Integrated Water Supply Scheme, Sri Lanka



喀麦隆雅温得市萨纳加饮用水处理厂及其配套工程项目
Drinking Water Treatment Plant and Supporting Projects
of Yaounde city, Cameroon

P 项目展示 环保工程 Projects Display Environment Engineering



塞尔维亚贝尔格莱德中央污水处理厂
Project for the Treatment and Disposal of Urban Waste Water
from the Central Area in Belgrade, Serbia



斯里兰卡库鲁内格勒供水及污水处理厂项目
Kulunegala Sewage Treatment Plant, Sri Lanka



江苏张家港餐厨垃圾废弃物资源利用和无害化处理
Zhangjiagang Food Waste Resource Utilization and Harmless
Treatment Project in Jiangsu Province

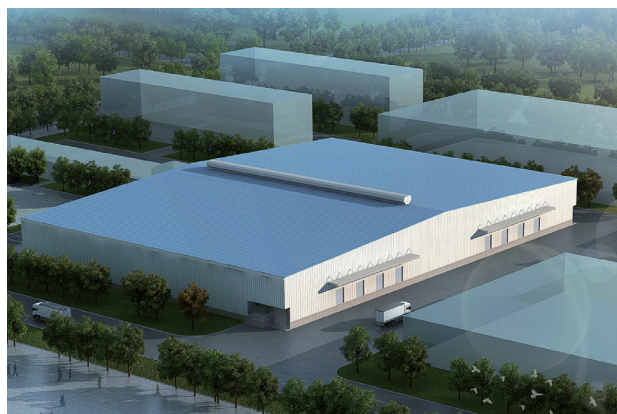


云南玉溪湖泊及周边水域治理工程
Pollution Interception and Treatment Project of Xingyun Lake,
Yuxi City, Yunnan

P 项目展示 仓储物流 Projects Display Warehouse Logistic



京东天津无人仓项目
JD Tianjin Unmanned Warehouse Project



北京仟禧鹤冷链物流项目
Beijing Qianxi Crane Cold Chain Logistics Project



安徽徽商农产品智慧流通中心
Anhui Huishang Agriculture Products Intelligent Circulation Center



中车永济智能制造物流园
CRRC Yongji Intelligent Manufacturing Logistics Park

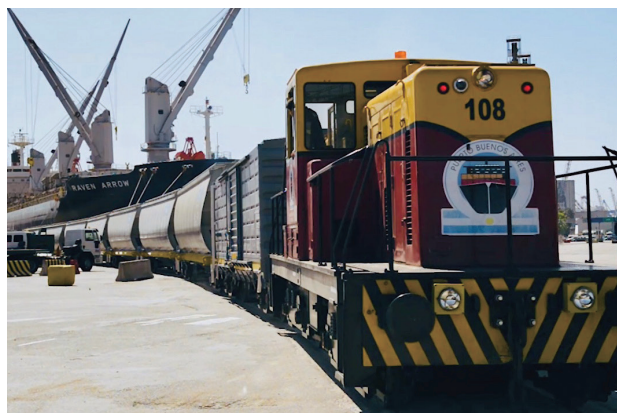
P 项目展示 工程物流 Projects Display Project Logistic



运输肯尼亚基佩托风电项目巨型风叶
CMEC transports giant wind blades for Kipeto wind power project, Kenya

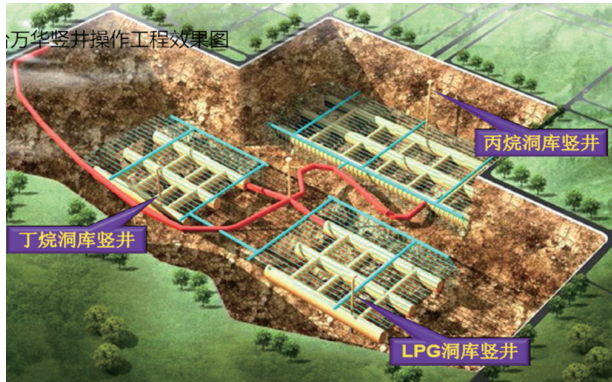


通过水路运输燃气轮机
CMEC transports gas turbines by waterway



联程运输阿铁项目机车
CMEC conducts the connection transportation of locomotives for the Argentine railway project

P 项目展示 技术创新 Projects Display Technological Innovation



烟台万华PO/AE一体化项目LPG地下洞库操作竖井工程
Yantai Wanhua PO/AE Integrated LPG Underground
Tunnel Operation Shaft Engineering



高效低碳燃气轮机试验装置——多级旋转透平流动冷却
综合试验台
High-Efficiency and Low-Carbon Gas Turbine Research
Facility-Multistage Rotary Turbine Flow Cooling
Comprehensive Test Station



智慧鹰无人机系列产品
Intelligent Mapping Eagle UAVs



BIM技术应用：云端可视化建筑运维管理平台
BIM technology application: A cloud-based platform for visualized
operation, maintenance and management of buildings

P 企业理念 hilosophy

让创想成真

Create Ideas Achieve Dreams

C 企业文化 ulture

多元、包容、创新

Diversity, Tolerance, Innovation

C 核心竞争力 ore Competitiveness

市场拓展能力

Market Expansion

管理创新能力

Management Innovation

产业链整合能力

Industrial Chain Integration

多业务协同能力

Multi-Business Coordination



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