中国交建
CHINA COMMUNICATIONS CONSTRUCTION

中国港湾 CHINA HARBOUR | 中国路桥 CHINA ROAD AND BRIDGE CORPORATION

Hosted by: 国家铁路局 National Railway Administration of the People's Republic of China | 機電工程署 EMSD | MTR

IRSC 2025

Advancing Railway Safety through Innovations and Collaborations

Hong Kong, China 25th - 30th November 2025

聚力创新 携手共筑 谱写全球铁路安全新篇章

Unite for Innovation, Collaborate for Safety, Jointly Pave a New Chapter in Global Railway Safety

何文胜
Wensheng He
中国交通建设股份有限公司
China Communications Construction Company Limited

中国交建
CHINA COMMUNICATIONS CONSTRUCTION

中国港湾 CHINA HARBOUR　中国路桥 CHINA ROAD AND BRIDGE CORPORATION

- **企业愿景**：让世界更畅通、让城市更宜居、让生活更美好

Corporate Vision: Making the world more smooth, making the city more livable, making the life more colorful.

- **客户服务**：投融资、咨询、规划、设计、装备制造、建造、运营等

Customer Services: Investment&Financing, Consulting, Planning, Design, Equip. Mfg., Construction, Operation, etc.

- **世界最大的**港口设计建设公司、公路与桥梁设计建设公司、疏浚公司

The largest port, highway and bridge design and construction company,and dredging company .

- **世界最大**的集装箱起重机制造、海上钻井平台设计公司

The largest container crane Mfg. and offshore oil drilling platform design company.

- 中国最大的**高速公路**投资商，中国**铁路**建设的主力军

China's largest expressway investors，a main contractor in China's railway construction.

国际铁路业务 International Railway Business

- **理念**：建一个工程，交一方朋友，树一座丰碑

Philosophy: Construct Projects, Make Friends, Establish Monuments

- **ENR排名**：世界第三、亚洲第一

ENR Ranking: 3rd in the World, 1st in Asia

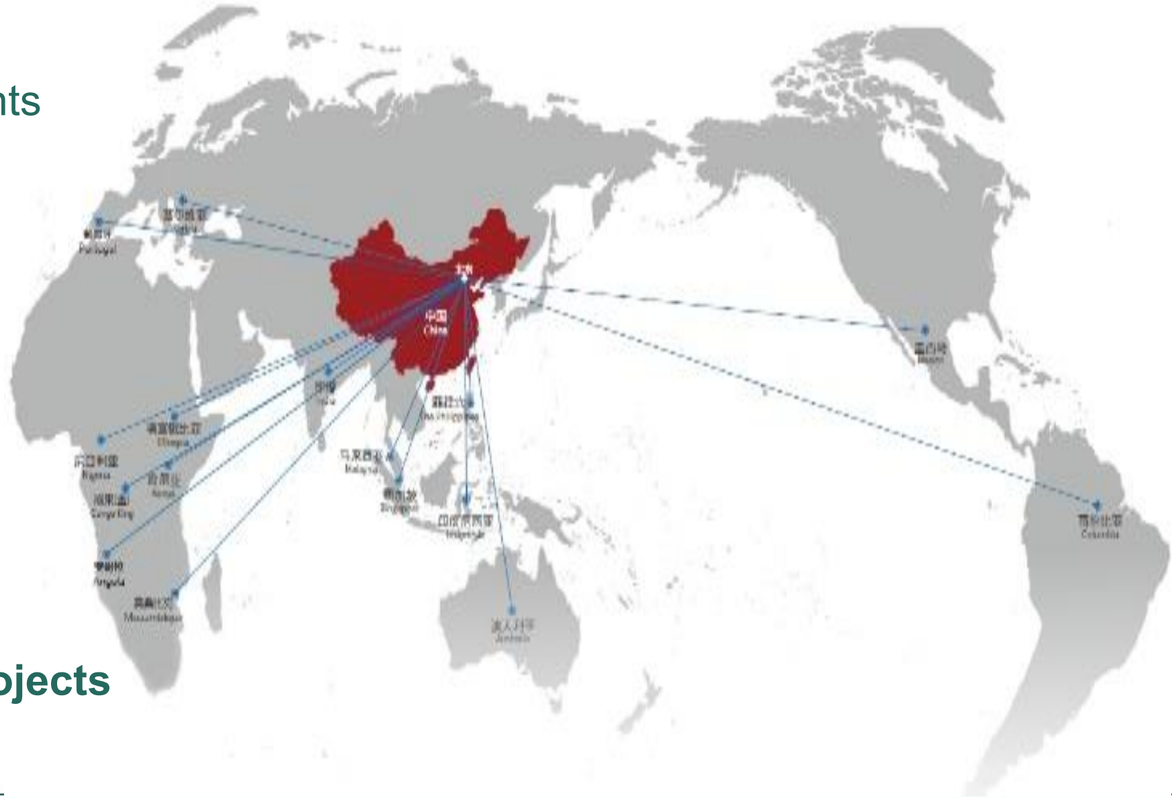
- **先后承建**铁路项目：128个，合同额575亿美元；
- **在建**铁路项目：65个，合同额418亿美元

Constructed: 128 projects, 57.5 billion US dollars

Current : 65 projects, 41.8 billion US dollars

- 目前在国际铁路市场**在建项目合同额最大**的中国企业，已经成为全球铁路建设的领军企业之一。

Chinese enterprise with **the largest contract value of current projects** in the international railway market



责任与使命 Responsibilities and Mission

- **目标**：带动就业，提供交通运输便利，促进经济和社会发展。

Goal: Drive employment, facilitate transportation, and promote economic&social development.

- **案例-肯尼亚蒙巴萨至内罗毕铁路**：免费为20000名居民解决饮水问题，预留动物迁徙通道；建设期培养使用当地员工40000余名，运营期培养使用当地员工超1000名，为肯尼亚培养了铁路专业人才，建立了现代化铁路技术体系。

Case - Mombasa-Nairobi Standard Gauge Railway (SGR), Kenya:

- ✓ Solved drinking water supply issue for 20,000 residents free of charge;
- ✓ Reserved wild animal migration corridors;
- ✓ Trained and employed over 40,000 local employees during the construction duration, over 1,000 local employees after the commencement of operation;
- ✓ Established a modern railway technical system for Kenya.

铁路安全管理特色 Railway Safety Management

“12到位”要求 Twelve aspects need to be implemented thoroughly

01 安全总体认识到位
Safety Awareness

02 风险识别分析策划到位
Risk Identification, Analysis & Planning

03 体系制度建设到位
System & Institution

04 安全措施落实到位
Safety Measures

05 有效刚性培训到位
Effective Trainning

06 资源配置到位
Resource Allocation

07 安全管理组织与能力到位
Safety Management Implementation

08 动态监督检查到位
Dynamic Supervision

09 奖惩机制落实到位
Reward & Punishment

10 应急管理与应急处置到位
Emergency Management

11 经验教训的总结、吸取、分享到位
Experience & Lessons

12 安全文化建设到位
Safety Culture

借助人工智能进行创新发展
Artificial Intelligence (AI)

19世纪
19th Century
工业化
Industrialization

20世纪
20th Century
信息化
Digitalization

21世纪
21st Century
智能化
Intelligentization

加强全球铁路行业的创新合作
Strengthen Innovative Collaboration

电力系统供应
Power System Supply

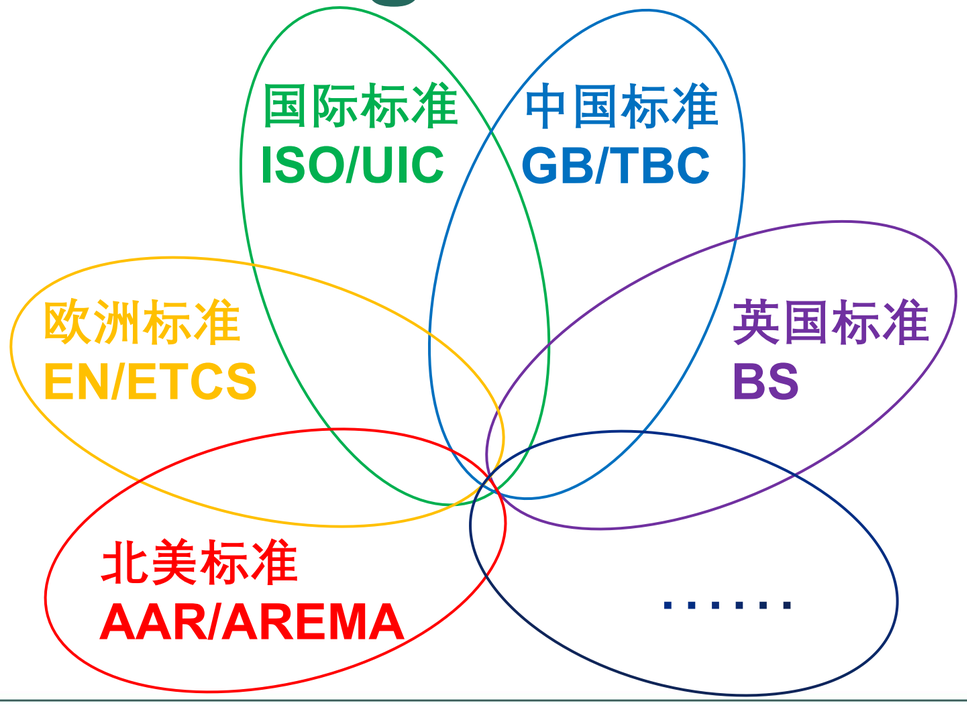
机车车辆制造与维修
Locomotive & Rolling Stock Mfg. & Maintenance

通讯信号保障
Communication and Signal Support

基础设施建设与维护
Infrastructure Construction & Maintenance

列车运行调度
Train Operation Dispatching

推动全球铁路标准的国际化互认与融合
International Recognition and Integration



HONG KONG, CHINA 2025
IRSC
INTERNATIONAL RAILWAY SAFETY COUNCIL

www.irsc2025.com

中国交建
CHINA COMMUNICATIONS CONSTRUCTION

CHEC 中国港湾 CHINA HARBOUR

RB 中国路桥 CHINA ROAD AND BRIDGE CORPORATION

Hosted by:

国家铁路局 National Railway Administration of the People's Republic of China

機電工程署 EMSD

MTR