ESCAP
Economic and Social Commission for Asia and the Pacific

GSTIKC
中国国际可持续交通创新和知识中心
GLOBAL SUSTAINABLE TRANSPORT INNOVATION AND KNOWLEDGE CENTER

GTI Greater Tumen Initiative

深化亚太铁路运输数字化高级别会议

High-Level Meeting on Deepening Digitalization of International Rail Transport in Asia-Pacific

铁路互联互通标准合作

Railway Standards Connectivity Scheme (RSCS) Initiative

GSTIKC
中国国际可持续交通创新和知识中心
GLOBAL SUSTAINABLE TRANSPORT INNOVATION AND KNOWLEDGE CENTER

Deputy Director. Mr.XIE Hui

13 - 14 May 2025, Xi'an, China

Global Sustainable Transport Innovation and Knowledge Center(GSTIKC)

GSTIKC
中国国际可持续交通创新和知识中心
GLOBAL SUSTAINABLE TRANSPORT INNOVATION AND KNOWLEDGE CENTER

What is GSTIKC doing?

- GST Forum
- *TRANSPO: International Exhibition on Transport Technology & Equipment*
- GST Innovation Alliance
- GST Personnel Exchange Program
- GST Think tank
- GST Ecosystem

铁路互联互通标准合作

Railway Standards Connectivity Scheme(RSCS)

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Railway connectivity plays a vital role in facilitating international trade and regional economic cooperation.

推动可持续发展的必然要求

Promoting Sustainable Development

Co-developing common rules and technical standards to foster the application of innovation and emerging technologies.

推动技术创新与经验共享

Fostering Innovation and Knowledge Sharing



开展铁路互联互通标准合作的必要性

Why RSCS?

提升运输效率与降低成本

Improving Transport Efficiency and Reducing Costs

Co-creating common technical standards, then reducing cargo transfers and cost, improving transport efficiency.



应对全球性挑战

Addressing Global Challenges

Optimizing TAR transportation and reducing carbon emissions.

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提升铁路运输服务质量
Enhancing Railway Transport Service Quality

Harmonizing technical standards, seamless railway system integration can be achieved, reducing the need for transfers and transshipments.

促进区域经济一体化
Promoting Regional Economic Integration

Collabriatvie technical standards developing helps to eliminate transport barriers and facilitate seamless movement of people and goods.

Objectives of RSCS

推动铁路可持续发展
Advancing Sustainable Railway Development

Standards Connectivity could advance the sustainable development of railway transport, and the railway sectors can enhance energy efficiency and reduce emissions.

支持国家技术标准体系
Supporting Country specific rules and standards

Co-creating common rules and stanards,and stakeholders jointly co-develop common foundation, which will support country specific rules and standards. systems.

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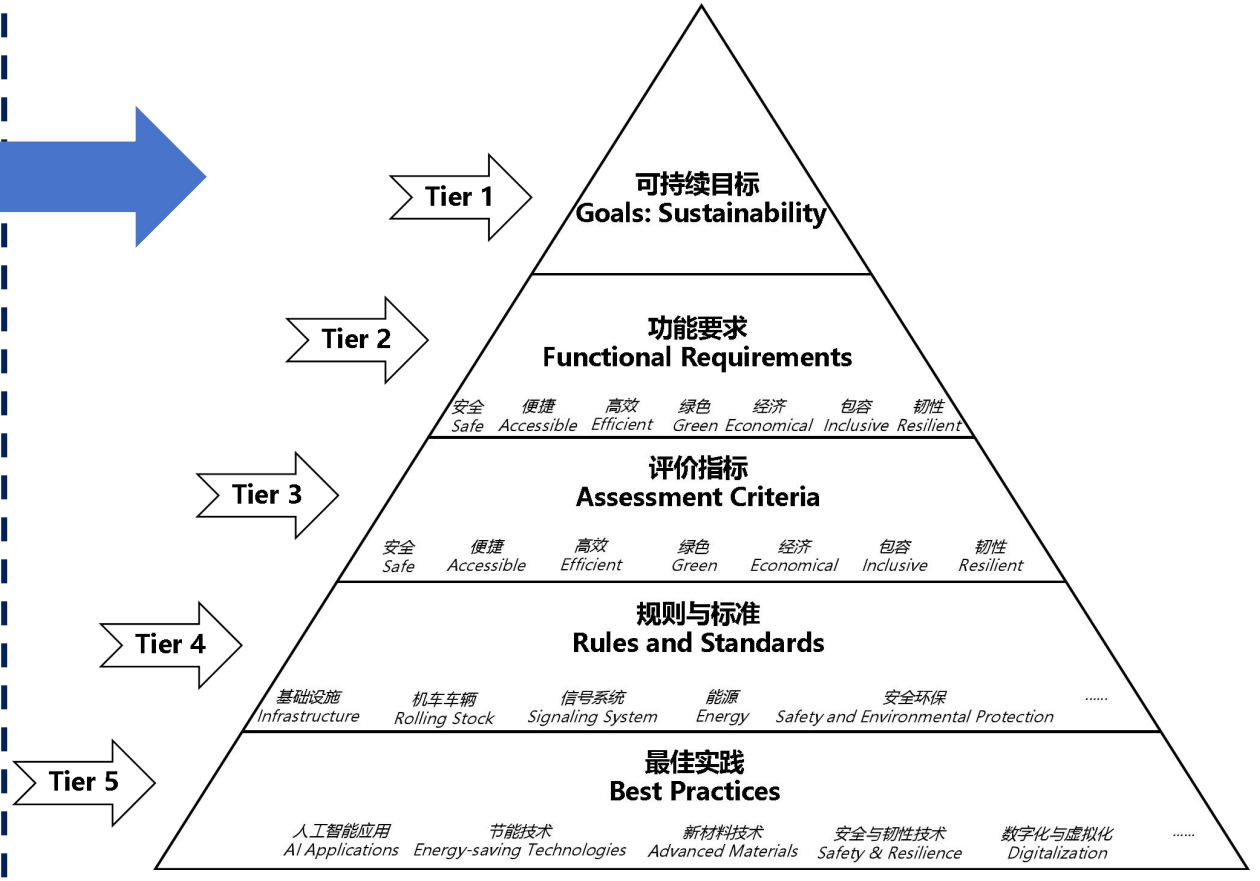
铁路互联互通标准合作主要内容

Key Aspects of RSCS

1 建立基于目标的共同标准
Co-developing Goal-based Common Standards

2 技术交流
Technical Exchange Programs

3 技术培训
Training and capacity building



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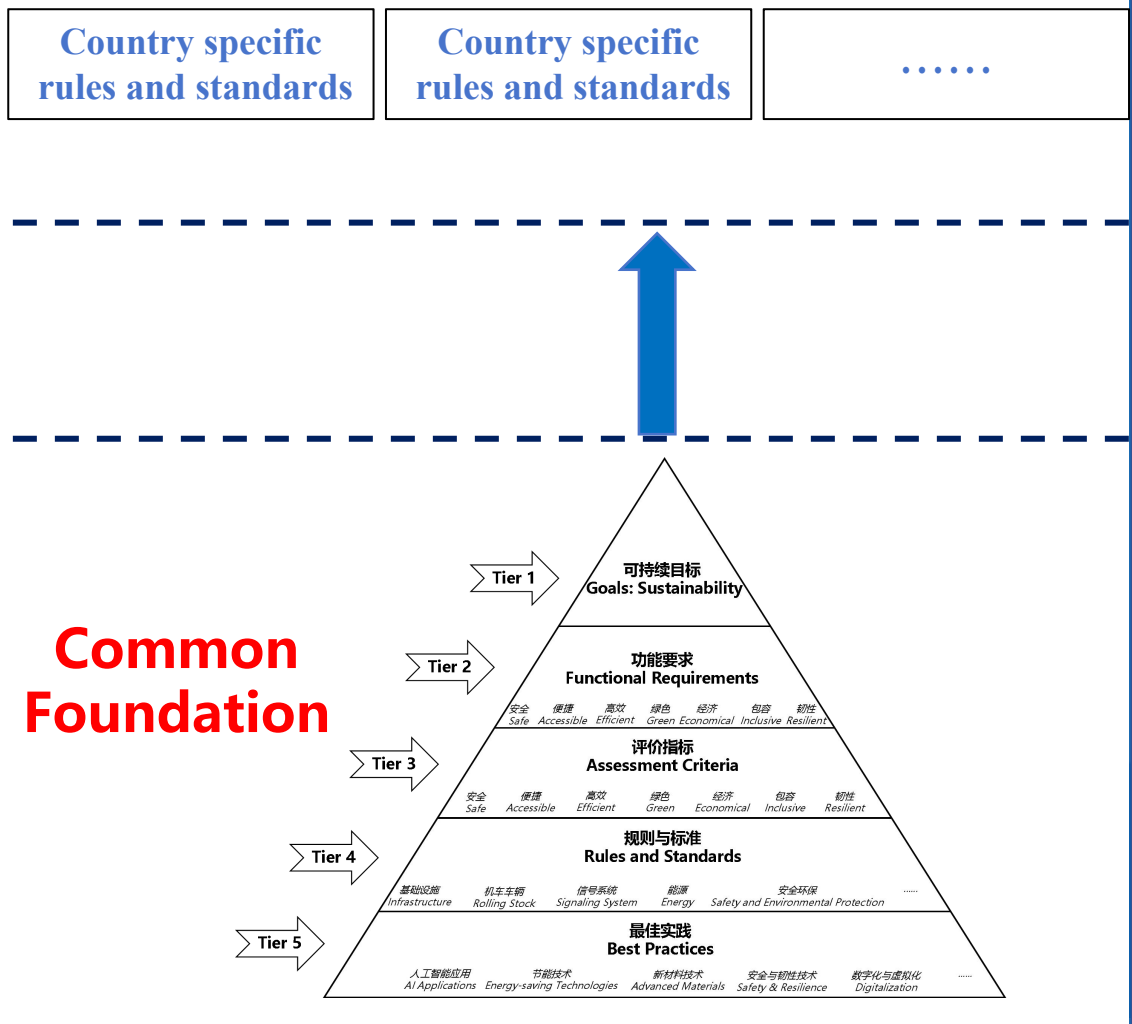
The sustainability goals, functional requirements, indicators, rules and standards, as well as best practice established by RSCS will form a **Goal-based System**, and serve as a **common foundation** for railway interoperability standards.

This common foundation is **jointly built** by all partners. According to the own specific conditions and needs, each country can further develop its **Country specific rules and standards**.



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成立工作组

Establishment of RSCS Working Groups

共建标准合作平台

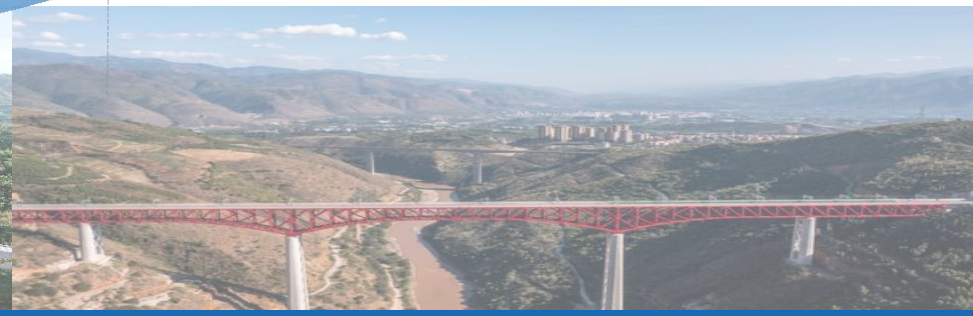
Co-developing common rules and standards

选取典型项目试点示范

Pilot Projects and Knowledge sharing







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Welcome to Join RSCS!