



**17th Transport Sector Coordinating
Committee (TSCC) Meeting**

18–20 April 2018 | Istanbul, Turkey

**17-е заседание Координационного
комитета по транспортному сектору (ККТС)**

18–20 апреля 2018 года | Стамбул, Турция

Progress in Transport Priority Areas: Railways

Ko Sakamoto, Senior Transport Specialist, ADB

Kubat Rakhimov, CAREC Consultant

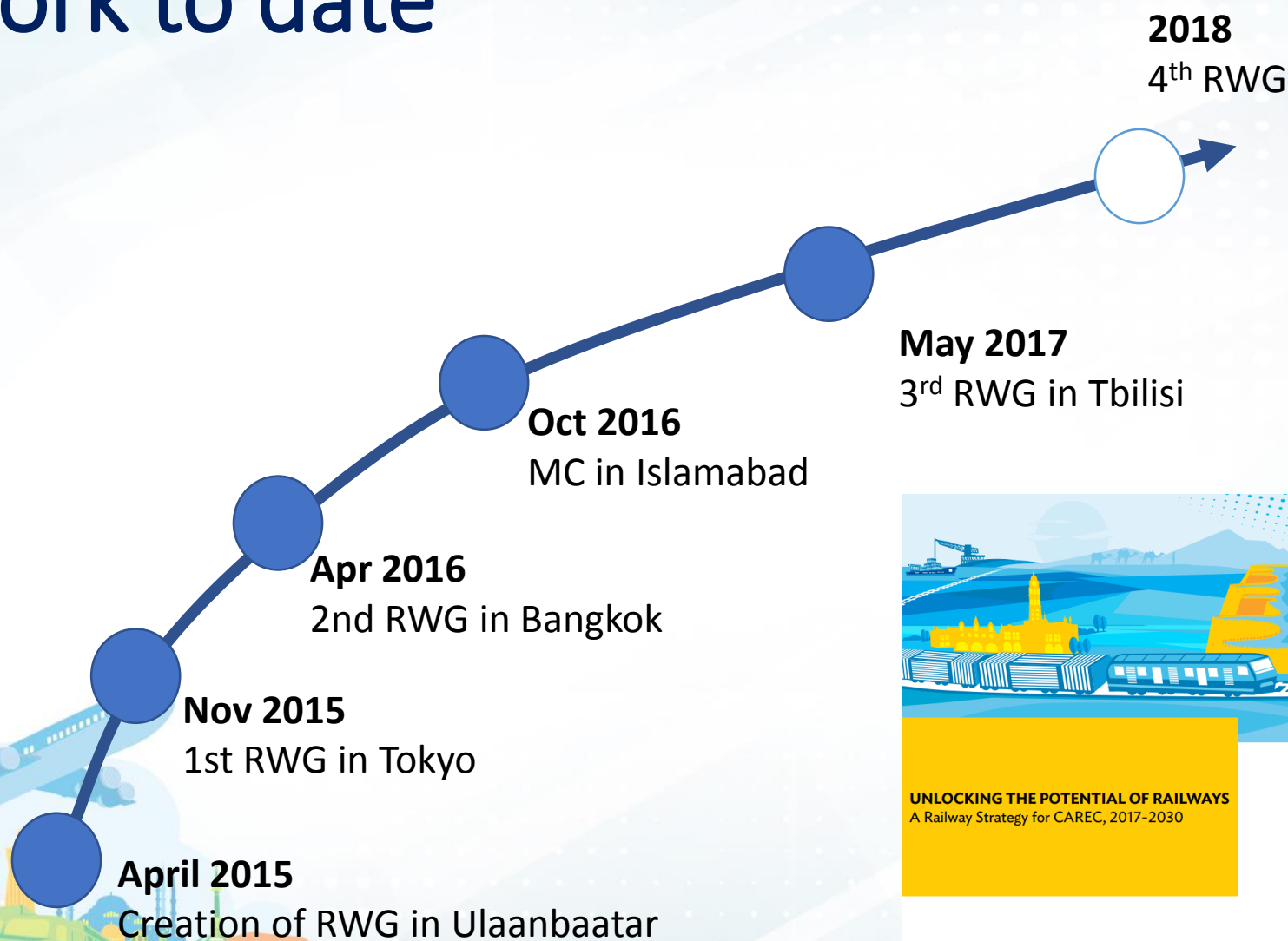


Outline

1. Work done to date
2. Discussion on trends in the region
3. Recommendations moving forward



Work to date



| Agreed direction in 3 rd RWG | Status |
|---|---|
| <ul style="list-style-type: none"> Communications, with mechanism for regular information exchange | <p>Facebook group launched New webpage</p> |
| <ul style="list-style-type: none"> Development of Case Studies on emerging practices, such as use of information technology, unified bills, Automatic Management Systems, and environmental issues | <p>Compendium of case studies initiated</p> |
| <ul style="list-style-type: none"> Review and Consideration of Model Agreements on e.g. tariffs, customer feedback, cross-border processes, and safety and security | <p>Compendium on model agreements initiated</p> |
| <ul style="list-style-type: none"> A Network Opportunities and Needs Study | <p>Literature review ongoing</p> |
| <ul style="list-style-type: none"> Preparation of National Action Plans for the implementation of the Strategy | <p>To be discussed in detail in next RWG</p> |
| <ul style="list-style-type: none"> Creation of Corridor Teams | <p>To be discussed in detail in next RWG</p> |

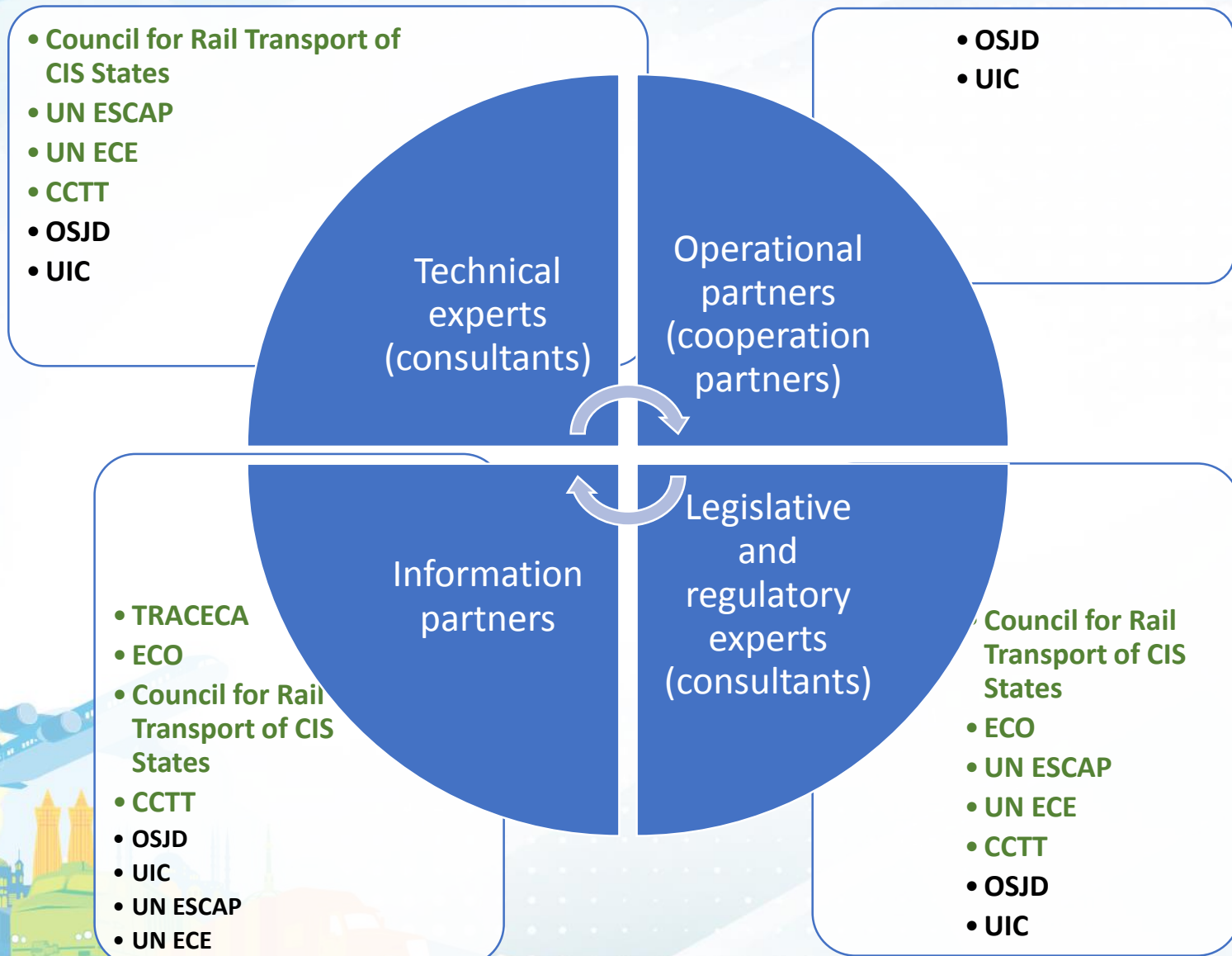
A Stakeholder Mapping of Relevant International Organizations Active in the Sphere of Railways

- ✓ OSJD
- ✓ UIC
- ✓ Council for Rail Transport of CIS States
- ✓ TRACECA
- ✓ ECO
- ✓ UN ESCAP
- ✓ UN ECE
- ✓ Coordinating Council on Trans-Siberian Transportation (CCTT)

➤ **Involvement and Support to the CAREC Railway Strategy?**



Results of the Mapping



Literature Review of Existing Traffic Studies Relevant to CAREC Railway Corridors

1. “True” traffic studies – with a lot of data on traffic (41)
2. New Silk Road – about China’s mega-project (8)
3. Country visions – specific views from India, Iran, Turkey (8)
4. Geopolitical and geoeconomical aspects (35)
5. Methodology (5)



Literature Review of Existing Traffic Studies Relevant to CAREC Railway Corridors

Version 1, April 2018
Kubat Rakhimov, CAREC Consultant



COMPENDIUM OF CASE STUDIES ON EMERGING TOPICS FOR RAILWAYS IN CAREC



Information Technologies

- UK: Offering Rail Better Information System (Orbis)
- UK: West Coast Main Line HealthHub™ for Trains
- UK: Chiltern Railways Case Study: Free Train WiFi
- Germany: DB Cargo plans digital, low-noise wagon fleet by 2020

Automatic Management Systems

- Japan: Hitachi's traffic management systems
- Spain: The ADIF Experience
- Finland: TAKO traffic control system

Environmental Issues

- Netherlands: Noise pollution from railways
- Hong Kong, China: Environmental Measures for New Railway Projects
- India: Energy Efficiency in Mass Transportation System

Unified Bills

- Electronic common CIM/SMGS consignment note



Unified bills - Electronic common CIM/SMGS consignment note

It really works!

Electronic common CIM/SMGS consignment notes are used on the longest trans-continental railway lines:

- Chongqing-Duisburg railway line
- Yiwu-London railway line
- Yiwu-Madrid railway line
- And others





**Literature Review of Template
Agreements/Practice Notes on
Tariffs, Customer Feedback,
Cross-Border Processes, and
Safety and Security**

Tariffs

- OSJD agreements
- Australia (a lot of documents available via Internet!)
- Poland
- USA

Customer Feedback

- Australia (a lot of documents available via Internet!)
- United Kingdom
- Germany
- European Union

Cross Border Processes*

- Europe and Central Asia
- East Asia and Pacific
- EU Legislation on Interoperability
- Canada-USA
- Greater Mekong Subregion Countries
- International UNECE Transport Agreements and Conventions

Safety/Security

- Australia, The Office of the National Rail Safety Regulator
- Canada - The Transportation Safety Board of Canada (TSB)
- The Norwegian Railway Directorate
- USA
- Austria
- Italy

**based on the list prepared by Public-Private-Partnership In Infrastructure Resource Center (The World Bank)*





Trends observed in the region

- Countries continue to invest heavily in railways
- Bilateral and multilateral cooperation in railways increasing
- Ongoing challenges faced by railways:
 - Capturing transit traffic (from other modes)
 - Limits to traditional sources of financing
 - Mushrooming of different, and often competing regional cooperation platforms



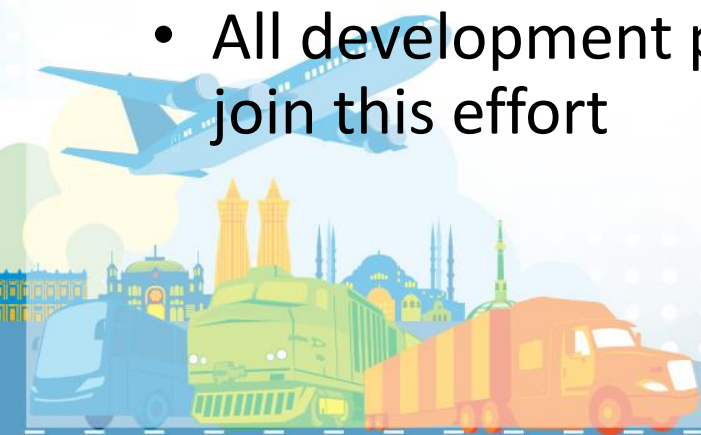
Suggestions to the TSCC

- Prepare a regional technical assistance to:
 - Help implement CAREC Railway Strategy
 - Develop and upkeep regional traffic model
 - Project preparation facility (screening, pre-feasibility)
 - Development/diffusion of knowledge in common areas, like SOE reform, financing, asset management, railway safety, etc.
 - Capacity development of EAs on common challenge areas: procurement, gender, safeguards, etc.



Suggestions to the TSCC

- Implemented over 2018-2020
- Approx. \$1.5 million: ADB will lead processing subject to CAREC countries' interest and availability of funds
- Details to be discussed in 4th Railway Working Group meeting (later this year, time/location to be confirmed)
- Seek cooperation from all relevant international partners (as identified in screening)
- All development partners in this meeting welcome to join this effort



Thank you for your attention

All documents referred to are available at:
https://www.carecprogram.org/?page_id=6798

