



People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

TA–9641: Railway Sector Development in CAREC Countries

Introduction to the TA activities, outputs and outcomes

Tyrrell Duncan, Consultant/Team Leader





People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

Outcomes and outputs defined in the TA report

Outputs

Subregional
rail transport
model
developed

Project
preparation
facility
established

Knowledge
products
completed

Capacity of EAs in
project preparation
improved

Output targets (4)

Subregional
rail transport
model
completed

≥ 3
prefeasibility
studies
prepared

Agency-specific
actions/measures
prepared and
disseminated

≥ 3 knowledge
products published/
presented on
commercialization
and reform

Outcome

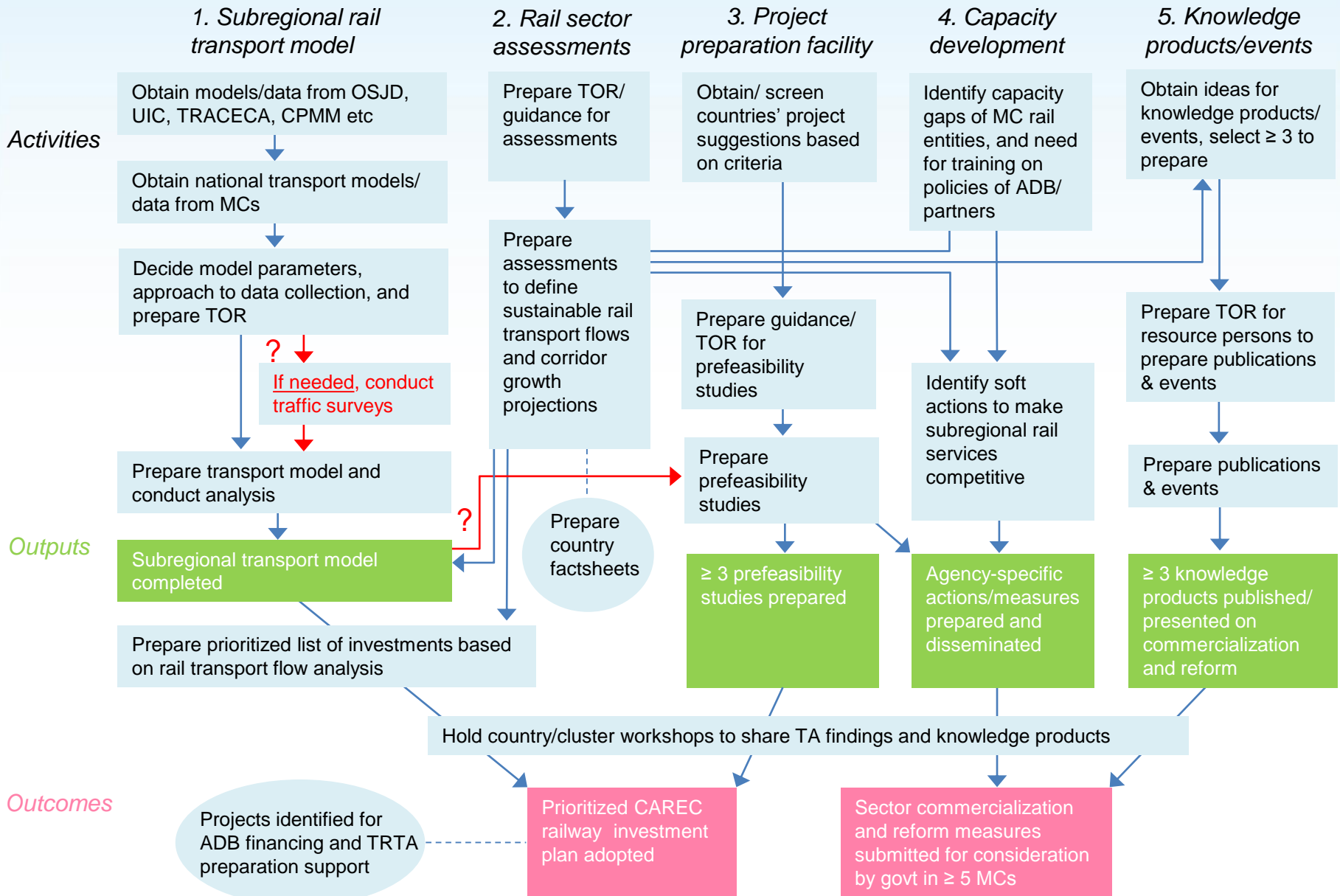
Railway investments in CAREC MCs are prioritized to match market opportunities and backed by sector reforms

Outcome targets (2)

Prioritized CAREC railway
investment plan adopted

Sector commercialization and reform measures
submitted for consideration by govt in ≥ 5 MCs

Work streams to deliver TA outcomes, outputs and activities





People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

**4th Railway Working
Group Meeting**
22–24 April 2019 | Tashkent, Uzbekistan

**4-е заседание Рабочей группы по
железнодорожному транспорту**
22–24 апреля 2019 г. | Ташкент, Узбекистан

Types of policy questions the CAREC rail transport model can help to answer

1. How is freight and passenger traffic likely to grow on each CAREC subregional railway corridor?
2. What additional traffic growth could be attracted if railways implement actions and measures to improve service quality and customer orientation?
3. What are the main bottlenecks on the subregional railway corridors?
4. What measures are needed to overcome these bottlenecks e.g. infrastructure, rolling stock, border crossing improvement, service quality improvement etc
5. On which routes may traffic growth justify investment in additional capacity or new links?
6. Which projects should be prioritized for prefeasibility study preparation?

2 pathways for developing rail transport model

Countries provide necessary data and national models as inputs to the subregional transport model?

YES

Model can be prepared
Modelling can commence once data/models provided
Model should be ready in time to provide inputs to prefeasibility studies

NO

Model cannot yet be prepared
Modelling to be preceded by country traffic surveys/studies
Model not ready to provide inputs to prefeasibility studies
or prefeasibility studies delayed e.g. by 1 year



People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

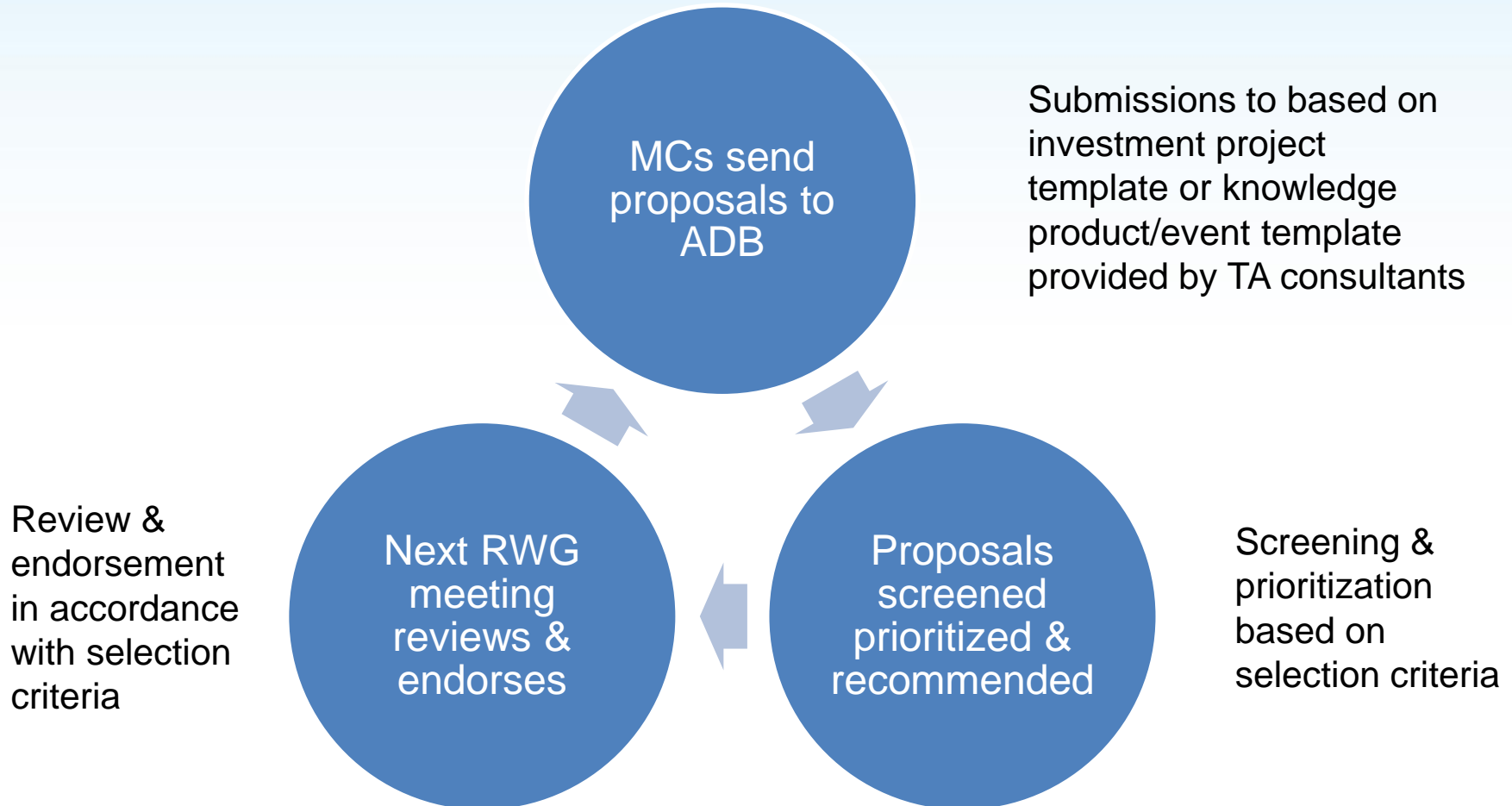
4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

Process of proposing investment projects and knowledge products/events for TA support





People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

Examples and selection criteria for TA support: railway investment projects

Examples

- Filling infrastructure gaps and missing links on CAREC rail corridors
- Modernization of existing infrastructure on CAREC rail corridors
- Modernizing and replacing rolling stock serving CAREC rail corridors
- ICT to support customer orientation and railway efficiency

Selection criteria

- Will improve railway operations and services on CAREC corridors and
- Will raise competitiveness of cross-border rail services
- Expected cost \geq \$50m
- Supported by \geq 2 CAREC MCs
- Likely to attract traffic and exceed economic/financial return threshold
- Strategically important for CAREC railway development
- Social & environmental impacts are limited, can be avoided/mitigated
- Commitment to tackle performance issues through actions/measures on commercialization/reform
- Extend TA investment support to additional MCs where possible



People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

Examples and selection criteria for TA support: knowledge products and events

Examples

- Presentation of papers at knowledge sharing sessions of RWG
- Presentation of papers at workshops and conferences
- Publication by ADB, in reputable journals, or equivalent
- Holding a special CAREC railways knowledge forum

Selection criteria

- Concerns actions and measures for commercialization/reform that could improve railway operations and services on CAREC corridors
- Potential to raise competitiveness of cross-border railways
- Can be prepared with short inputs from well-chosen experts
- Potentially relevant for many MCs
- Supported by ≥ 2 CAREC MCs
- Strategically important for CAREC railway development
- Extend TA knowledge support to additional MCs where possible



People's Republic of China
Poverty Reduction and
Regional Cooperation Fund

4th Railway Working Group Meeting

22–24 April 2019 | Tashkent, Uzbekistan

4-е заседание Рабочей группы по
железнодорожному транспорту

22–24 апреля 2019 г. | Ташкент, Узбекистан

Next steps

1. **Transport modelling**—MCs to provide data/models and TA consultants to recommend approach, time frame and updated work plan for modelling
2. **Country rail sector assessments**—TA consultants to prepare for workshop/s to train national experts and field visits for two pilot assessments
3. **Project preparation facility**—MCs to provide initial proposals of investment projects based on template provided by TA consultants
4. **Knowledge productions and events** —MCs to provide initial proposals of knowledge products and events based on template provided by TA consultants
5. **Inception report**—TA consultants to prepare inception report for consideration at next RWG meeting