Country-Specific Workshop / ToT
on
Road Asset Management – Kazakhstan

9 – 12 September 2024
Astana, Kazakhstan

DAY 1 (MONDAY, 9 SEPTEMBER 2024)

08:30-09:00	**Registration**
09:00-09:30	**Welcome and Opening Remarks**

- Kuat Akizhanov, Deputy Director II, CAREC Institute (CI)
- Representative from Ministry of Transport
- Country Director, Resident Mission, ADB

09:30-10:00	**Keynote Presentation:** CAREC Corridors

Presenter: Kuat Akizhanov

Session Theme	**What is RAM and What is Currently Occurring?**
10:00-10:15	**Overview of the Training**

Presenter: Ian Greenwood, Chartered Professional Engineer, and a Fellow of Engineers New Zealand

10:15-10:45	**Group Photo/Tea/Coffee/Networking**
10:45-11:15	**Refresh on RAM**

Presenter: Ian Greenwood

11:15-12:00	**Current RAM Practice**

Facilitated discussion from relevant parts of government to cover off:

1. Funding, budget allocation cycle
2. Prioritization of road maintenance and renewal needs
3. Method of delivery of road maintenance and renewal works

Session is to get engagement of participants and let them feel comfortable speaking in the setting.

Facilitators: Ian Greenwood & Giorgi Japaridze

12:00-13:00	**Lunch:** Park Kitchen
Session Theme	**Direction Setting (for RAM and for Assets)**
13:00-14:30	**RAM Strategy and Policy**

Presenter: Ian Greenwood

14:30-15:00	**Tea/Coffee/Networking**
15:00-16:30	**Developing Service Levels for All Asset Types**

Presenter: Theuns Henning, Senior Lecturer, Civil and Environmental Engineering, University of Auckland

16:30-17:00 **Wrap-up of Day 1**

- Ilhom Abdulloev, Chief of Capacity Building Division, CI

DAY 2 (TUESDAY, 10 SEPTEMBER 2024)

08:30-09:00 **Registration**

Session Theme	**From Data Collection to Creating a Works Program**

09:00-09:40 **Asset Condition Data Collection**

What to Collect, With What and How Often

Presenter: Theuns Henning

09:40-10:00 **Overview on CAREC Corridor Performance, Measurement and Monitoring**

Presenter: Ilhom Abdulloev

10:00-10:45 **The Georgia & Kyrgyz Experience**

Presenter: Giorgi Japaridze

10:45-11:00 **Tea/Coffee/Networking**

11:00-11:30 **Asset Management Information Systems, and Decision Support Tools**

Presenter: Theuns Henning

11:30-12:00 **Expanding Asset Register and Data Use for Basic Network Level Multi-Year Planning**

Presenter: Giorgi Japaridze

12:00-13:00 **Lunch:** Park Kitchen

Session Theme	**Observing RAM in Practice**

13:00-17:00 **Site Visit**

Purpose of site visit is to enable for practical discussions of how RAM is applied. Some combination of visiting maintenance depots, road maintenance and rehabilitation projects, or new construction activities.

DAY 3 (WEDNESDAY, 11 SEPTEMBER 2024)

08:30-09:00 **Registration**

Session Theme	**Resilience, Climate Change and Emergency Response**

09:00-10:30 **Carbon Emission Modelling, Policies, and Integrating Climate Change into RAM**

Presenters: Ian Greenwood & Theuns Henning

10:30-11:00 **Tea/Coffee/Networking**

11:00-12:00 **Climate Resilient Road Management**

Climate impacts and Adaptation Strategies

Presenters: Theuns Henning & Ian Greenwood

12:00-13:00	**Lunch:** Park Kitchen
Session Theme	**Funding the Asset, Documenting RAM & Service Delivery Models**
13:00-14:00	**Road Funding**

Presenter: Serge Cartier, Cartier Consult

14:00-14:30	**Tea/Coffee/Networking**
14:30-15:30	**Asset Management Plans**

Presenter: Theuns Henning

15:30-16:30	**Service Delivery Models**

Force Account, Outsourced, Performance Based Contracts (PBCs)

Presenter: Ian Greenwood

16:30-17:00	**Wrap-up of Day 3**

- Ilhom Abdulloev, Chief of Capacity Building Division, CI

DAY 4 (THURSDAY, 12 SEPTEMBER 2024)

08:30-09:00	**Registration**
Session Theme	**The Way Forward**
09:00-11:00	**Developing the RAM Improvement Plan**

Facilitated by Ian Greenwood & Giorgi Japaridze

11:00-11:30	**Tea/Coffee/Networking**
11:30-12:30	**Workshop Evaluation and General Q&A**

- Ilhom Abdulloev, Acting Chief of Capacity Building Division, CI
- Dildar Zakir, Capacity Building Specialist, Capacity Building Division, CI

12:30-13:00	**Final Wrap-up and Workshop Close**

- Kuat Akizhanov, Deputy Director II, CI
- Ilhom Abdulloev, Chief of Capacity Building Division, CI