

SPECIAL SESSION

IRF World Congress 2024

Connecting to Empower Mobility:
Roads as Enablers of a Sustainable Future for All

15 – 18 October 2024 | Istanbul, Türkiye

Green Roads Workshop – Pathways to Sustainable Mobility

Session Date: 14 October 2024

Organiser: Asian Development Bank (ADB)

Responsible for this session: (name, organisation, e-mail)

Michael Anyala, Senior Transport Specialist (Road Asset Management), ADB, manyala@adb.org; and Rebecca Stapleton, Senior Transport Specialist, ADB, rstapleton@adb.org.

Session description (350 words max):

Roads are vital for global mobility, handling around 75% of freight and passenger traffic. Despite their importance, roads can cause significant environmental and social impacts. The challenge is to plan, construct, and manage roads that meet mobility needs and enable development while minimizing negative effects and protecting the environment.

This workshop will introduce the ADB Green Roads Toolkit, which comprises key measures to address challenges such as decarbonization, climate resilience, water and land management, pollution control, biodiversity conservation, disaster preparedness, sustainable material sourcing, quality of life improvement, and inclusive economic growth.

Participants will learn to customize green road measures to fit specific contexts and to formulate strategies to transform road systems in emerging economies. This transformation supports the global sustainability agenda, including the Paris Agreement on climate change and the Sustainable Development Goals.

Registration: Participation is open to IRF Congress delegates. Please register for this session by completing [this form](#).

Format:

- 180-minute workshop with two sessions.
- *Session 1 (90 minutes):* Introduction to the ADB Green Roads Toolkit, followed by a structured panel discussion on scaling up green road initiatives in emerging economies. Panellists include government officials, and representatives from Multilateral Development Banks and international organizations.
- *Session 2 (90 minutes):* Participants will engage in structured discussions on approaches to formulate pathways to greening road networks in emerging economies.
- *Equipment Needed:* Large screens/Projectors for presentations and group discussions during breakout sessions, and flip charts (or similar) for breakout sessions.

Chair (Moderator):

- Session 1: Chen Chen, Director, Transport, Asian Development Bank (ADB).
- Session 2: Michael Anyala, Senior Transport Specialist, ADB.

Speakers:

- Frank van Steenberg, Director, MetaMeta
- Rebecca Stapleton, Senior Transport Specialist, ADB.
- Sina Velioglu, Senior Procurement Specialist, ADB
- IRF Representative
- Diego Ferrer, Lead Economist in the Strategic Road Division, EIB
- Koen van Baekel, Director, Rebel Group
- Kristine Ghalechyan, Deputy Minister, Ministry of Territorial Administration and Infrastructure, Armenia (TBC)
- Bhanitiz Aursudkij, Civil Engineer, Senior Professional Level, Department of Highways, Thailand
- Sambaji Mane, Secretary Maharashtra Rural Roads Development Agency (MRRDA), India
- PD Sharad Rajbhoj, Public Works Department, Maharashtra, India

Programme:

Time (Mins)	Topic	Proposed Speakers
Session 1 - Introduction and Panel Discussions		<ul style="list-style-type: none"> • Moderated by Chen Chen, ADB
10 (10)	<i>Scene setting, and opening remarks</i>	<ul style="list-style-type: none"> • Chen Chen, ADB
05 (15)	<i>Green Roads Toolkit Video</i>	<ul style="list-style-type: none"> • Moderator
60 (75)	<p><i>Panel discussion on scaling up greening of roads in emerging economies. Questions will be tailored around the following topics:</i></p> <ul style="list-style-type: none"> • <i>ADB Green Roads Toolkit</i> • <i>Enabling green roads in Armenia</i> • <i>Advancing low-carbon and resilient road transport in Thailand</i> • <i>Inclusive growth through climate-smart connectivity in Maharashtra</i> • <i>Technologies for greener roads</i> • <i>Financing green roads</i> 	<ul style="list-style-type: none"> • Moderated by Chen Chen, ADB • Frank van Steenberg, Director, MetaMeta • Armenia government official • Bhanitiz Aursudkij, Civil, Thailand • PD Sharad Rajbhoj, Maharashtra, India • IRF representative • Diego Ferrer, EIB
15 (90)	<i>Audience Q&A</i>	<ul style="list-style-type: none"> • Moderator
<i>Break (30 mins)</i>		
Session 2 - Workshop		<ul style="list-style-type: none"> • Moderated by Michael Anyala, ADB
10	<i>Piloting Green Roads Toolkit in Maharashtra Rural Roads</i>	Sambaji Mane, MRRDA, India
30 (120)	<p><i>Introduction to group exercises:</i></p> <ol style="list-style-type: none"> 1. <i>Enabling nature-based solutions for roads (10 mins)</i> 2. <i>Dig once approach to transport decarbonization (10 mins)</i> 3. <i>Sustainable Procurement (10 mins)</i> 	<ul style="list-style-type: none"> • Rebecca Stapleton and Frank van Steenberg • Koen van Baekel, Rebel Group • Sina Velioglu
40 (160)	<p><i>Parallel Group exercises</i></p> <ul style="list-style-type: none"> • <i>Enabling nature-based solutions for roads.</i> • <i>Dig once approach to transport decarbonization.</i> 	Facilitated by Frank, Koen, and Sina

Time (Mins)	Topic	Proposed Speakers
	<ul style="list-style-type: none"> <i>Sustainable Procurement.</i> 	
15 (175)	<i>Feedback from group exercises (Plenary)</i>	Group leads or selected representatives from groups
05 (180)	<i>Summary and close</i>	Rebecca Stapleton, ADB.