

**KGID
2025**
**Green Growth:
The Path to
Sustainable Jobs**
**Korea Green Innovation Days
October 20–22, 2025
Washington, D.C., USA**

Day 2. Breakout Session

Session 2-3 Smart and Resilient Railways: Efficiency, Safety and Urban Integration

Speaker Bios



Nicolas Peltier, Global Director, ITRDR, World Bank Group

Nicolas Peltier-Thiberge is the Global Director for Transport in the World Bank's Infrastructure Practice Group. He joined the Bank in 2002 as a Young Professional and has since managed transport operations across Africa, the Middle East, Latin America, and the Caribbean. From 2012 to 2015, he served as Portfolio Assistant in the Office of the World Bank Group President, and from 2015 to 2022, he was Practice Manager overseeing transport programs in several regions before becoming Global Director in 2022.

Before joining the World Bank, he worked in the French Ministry of Economy and Industry and the French Treasury. He holds graduate degrees in science, civil engineering, and technology policy from École Polytechnique, École des Ponts et Chaussées, and MIT.



Matthias Plavec, Transport Analyst, Transport Global Department, World Bank Group

Matthias Plavec is part of the World Bank's Global Transport Unit, where he advances the Bank's work on railways and logistics, with a particular emphasis on the financing and organization of railway services. Previously, he worked in the Austrian public sector on public transport sector regulation, managing transport contracts under PSO regulation and developing ticketing systems. As part of the Austrian Federal Ministry for Transport and Climate Action, he was instrumental in introducing the "climate ticket", a nationwide public transport flat-rate ticket. Matthias holds bachelor's degrees in both Geography and Rail Technology, and a master's degree in Rail Technology and Management of Railway Systems.

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Hyun Ah Cho, Senior Manager, Korea Railroad Corporation (KORAIL)

Ms. Cho Hyun Ah is a Senior Manager at Korea Railroad Corporation (KORAIL). She was a member of the original team behind IRaTCA, KORAIL's international railway training initiative promoting global railway capacity building. She holds a master's in Public Administration from Rutgers University and is currently pursuing a Ph.D. in Development Cooperation at the KDI School. Her work focuses on sustainable railway development and global partnerships.



Hanbyul Jang, Senior Manager, Korea Railway Industry Association (KORASS)

Hanbyul Jang is a Senior Manager at the Korea Railway Industry Association and a secondee from the Korea National Railway. She has over 10 years of experience in the railway sector, covering international project development, urban development, and asset management related to railway infrastructure. She holds a master's degree in financial economics from the University of Wisconsin-Madison.



Woojin Ahn, Associate Professor, Korea National University of Transportation (KNUT)

Woojin Ahn, Associate Professor in the Department of Railway Electrical and Information Engineering at the Korea National University of Transportation (KNUT) and Program Director of the KNUT K-Transportation International Education Center, received his Ph.D. in Electrical & Electronic Engineering from Yonsei University in 2016. He worked as a Senior Researcher at WILUS Institute (2016–2019) and the Korea Railroad Research Institute (2019–2023). His research focuses on railway signaling systems and wireless LAN standards.



SeungYong Yoo, Team Leader, Control Support Team, Incheon Transit Corporation (ICTR)

Seungyong Yoo has worked for 26 years at Incheon Transit Corporation in Korea. He participated in the Unattended Train Operation (UTO) transition project on Incheon Line 2, the first case in Korea, and is currently responsible for enhancing UTO operation and technology, and for external technical cooperation in the control center.