

Investing in Rail: Introduction to the Railways Portfolio

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A blue train is shown traveling through a dense, green forest. The train is positioned on the left side of the frame, moving towards the right. The background is filled with tall trees and foliage, creating a sense of a natural, sustainable environment. The overall tone of the image is serene and eco-friendly.

“ Our vision is to create a world **free of poverty** and **boost shared prosperity** on a **livable planet**. ”

Why Invest in Rail?

1. Rail as a Driver of Economic Growth Solution 🚆

- Drives economic growth through improved connectivity & logistics
- Supports urban mobility and regional trade

2. Rail as a Climate Solution 🌍

- One of the most energy-efficient transport modes
- **70-80% lower GHG emissions** compared to road and air

3. The Financing Challenge 💰

- Rail is capital-intensive
- Public sector funding alone is insufficient
- **PPPs and Transit-Oriented Development (TOD)** offer opportunities



The Railway Investment Gap

Rail is highly **capital-intensive**:

USD **300+ billion**

worldwide....

to meet economic growth

USD **20 - 80 billion**

for low- and middle-income countries

to achieve SDGs and climate resilience



Active & Pipeline Railway Lending Projects

The map displays the global distribution of railway lending projects. Dark green areas, representing 'Active & Pipeline' projects, are concentrated in India, Turkey, and parts of Southeast Asia. Medium green areas, representing 'Active (under supervision)' projects, include Brazil, Argentina, Ethiopia, Kenya, Tanzania, and several countries in Africa and the Middle East. Light green areas, representing 'Pipeline' projects, are scattered across Africa, the Middle East, and Southeast Asia.

Project Status	Count
Dedicated Rail Projects under Supervision	14
WB Loan Size <u>Active</u> (approx., only rail component)	4.4 B USD
WB Loan Size <u>Pipeline</u> (approx., only rail component)	1.7 B USD

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Rail Portfolio: Active lending projects

Projects	Type of traffic		Focus of WB investment	
	PAX	Freight	Infrastructure	Rolling Stock
Egypt: Cairo Alexandria Trade Logistics & Railway Improvement and Safety in Egypt (RISE) Project	✓	✓	✓	
Iraq: Railways Extension and Modernization	✓	✓	✓	✓
Cameroon-Chad: Transport Corridor		✓	✓	
India: Rail Logistics Project		✓	✓	
Western Balkans: Trade and Transport		✓	✓	
Türkiye: Rail Logistics Improvement & Middle Corridor		✓	✓	
Serbia: Railway Sector Modernization	✓	✓	✓	
Argentina: Buenos Aires – Mitre Line & Belgrano Sur Line	✓		✓	
Brazil: Green and Resilient SP Metro Line 2 Extension	✓		✓	
Ukraine: Repairing Logistics Infrastructure & Network Connectivity	✓	✓	✓	(maybe)
Tanzania: Intermodal and Rail Development		✓	✓	



Portfolio: Examples of active lending projects

India – Rail Logistics Project

- **Financing:** Phase 3: US\$245M + MIGA guarantee
- **Scope:** Eastern Dedicated Freight Corridor
- **Impact:**
 - 1,200 km new freight track
 - 4× capacity increase, logistics savings
 - Significant GHG reductions

Egypt – RISE & Cairo-Alexandria Corridor

- **Financing:** US\$590M (RISE) + US\$998M (Corridor)
- **Scope:** Safety, corridor efficiency, trade logistics
- **Impact:** ~30 M people with improved transport access

Türkiye – Rail Logistics & Middle Corridor

- **Financing:** US\$350M (Rail Logistics) + US\$660M (Middle Corridor Project)
- **Scope:** Freight Corridors between Asia and Europe
- **Impact:** Freight capacity expansion, network modernization

Brazil – São Paulo Metro Line 2 Extension

- **Financing:** US\$250M (IBRD)
- **Scope:** Extension of Line 2 (Green)
- **Impact:** New signaling, capacity and resilience upgrade



Examples of WBG Rail Engagement

India (Eastern Dedicated Freight Corridor)



Egypt



Argentina



Nairobi



Quito



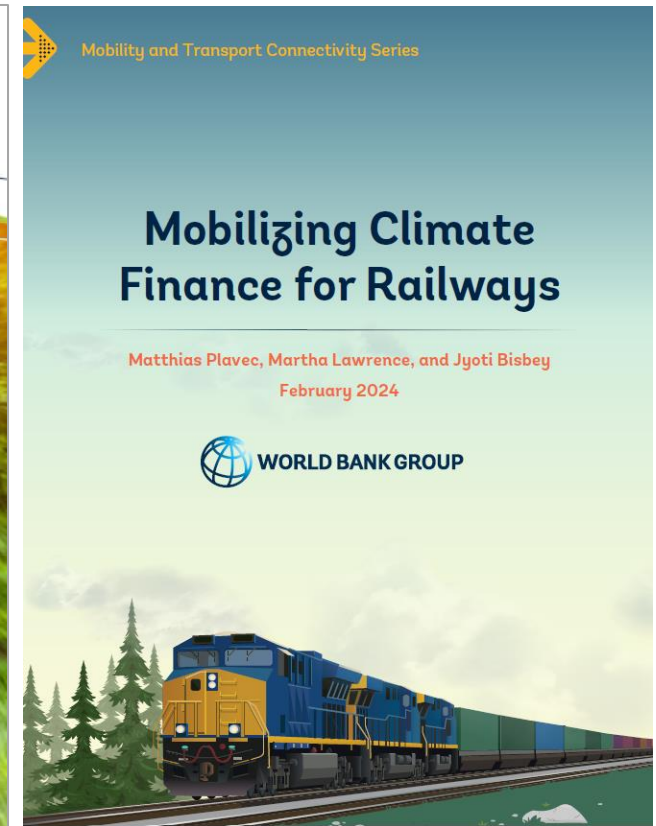
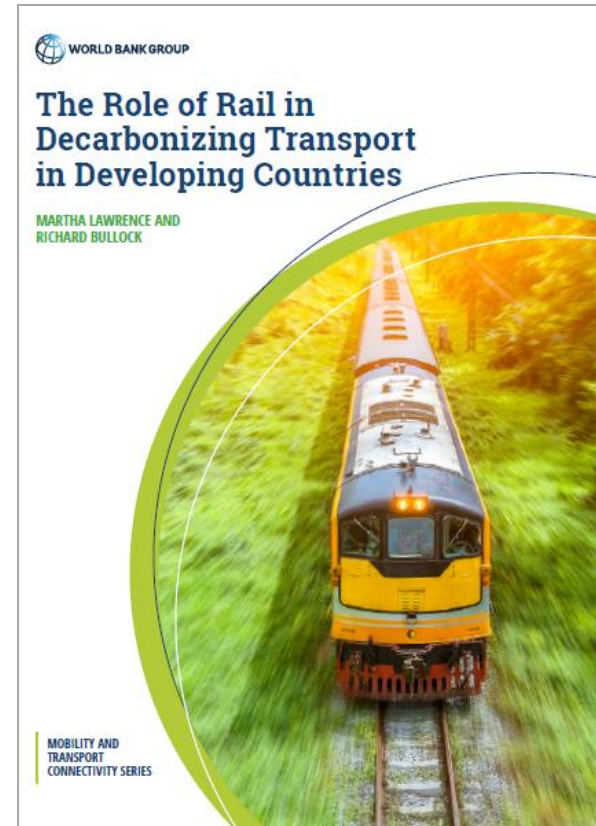
Knowledge work

➤ Regional programs:

- Diverse range of topics
- Often country-specific or in preparation for lending projects

➤ Global work program – recent publications:

- *Role of Rail in Decarbonizing Transport*
- *Railway Reform Toolkit*
- *Green Logistics for Development*
- *Station Redevelopment*
- *Climate Finance for Railways*
- *Developing Urban Rail Corridors in African Cities*



Thank you

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