

Ad Hoc Expert Meeting on

**Climate Change Adaptation for
International Transport:
Preparing for the Future**

16 to 17 April 2019

**Climate Resilient Transport
Financing, Insuring, Investing and
Partnering**

Presentation by

Daniel Kull

Senior Disaster Risk Management Specialist
World Bank/GFDRR



CLIMATE RESILIENT TRANSPORT

Financing, Insuring, Investing and Partnering



WORLD BANK GROUP



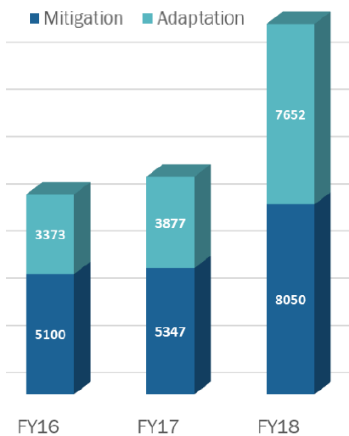
GDFRR
Global Facility for Disaster Reduction and Recovery

Daniel Kull

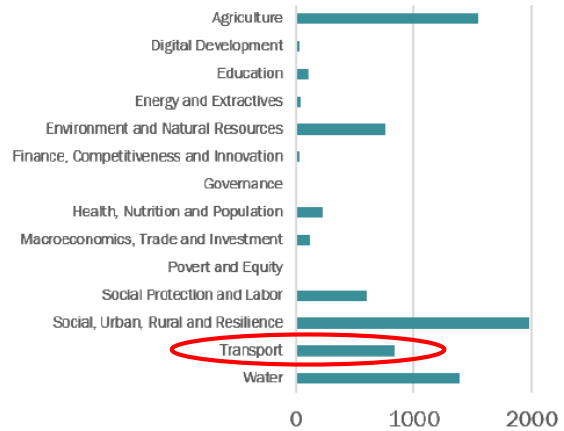
Senior Disaster Risk Management Specialist
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World Bank Climate Finance

IBRD + IDA
(US\$ millions)



Sectoral 2018



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Climate Change Action Plan 2016–2020

“The integrated landscape management nexus brings together agriculture, forestry, environment, water, and **transport** to improve overall productivity and sustainability measured in economic and ecological terms. “



THE WORLD BANK GROUP'S

Action Plan on Climate Change Adaptation and Resilience

MANAGING RISKS FOR A MORE RESILIENT FUTURE



1

Boost adaptation financing

The WBG will ramp up its direct adaptation climate finance to reach \$50 billion over FY21–25. This financing level—an average of \$10 billion a year—is more than double what was achieved during FY15–18. The WBG will also pilot new approaches to scale up private finance for adaptation and resilience.

2

Drive a mainstreamed, whole-of-government programmatic approach

The WBG intends to help countries shift from addressing adaptation as an incremental cost and isolated investment to systematically managing and incorporating climate risks and opportunities at every phase of policy planning, investment design, implementation and evaluation.

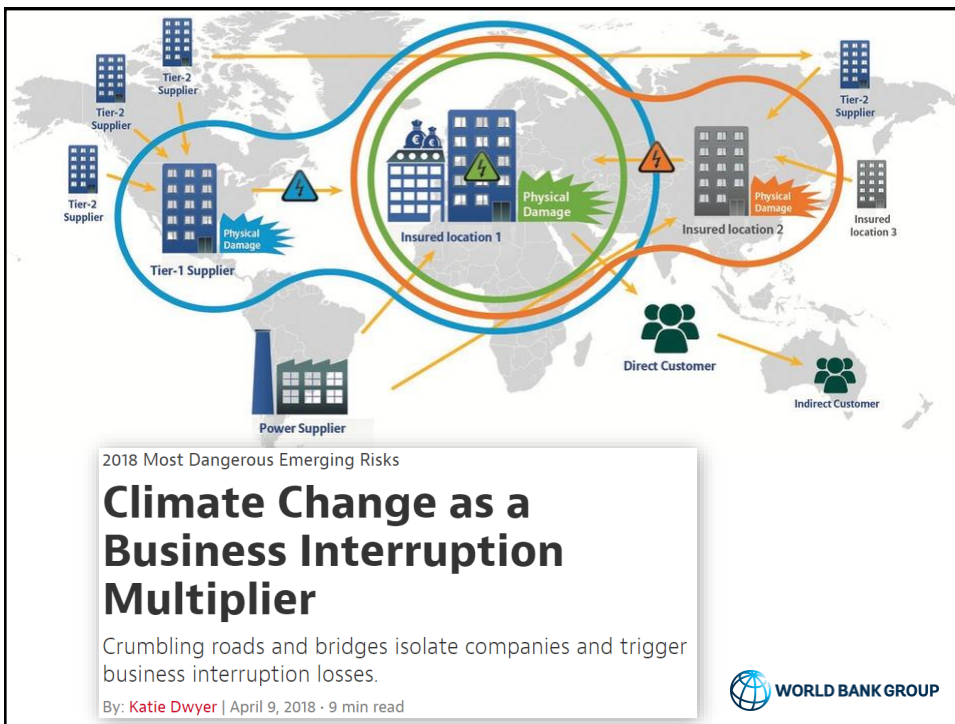
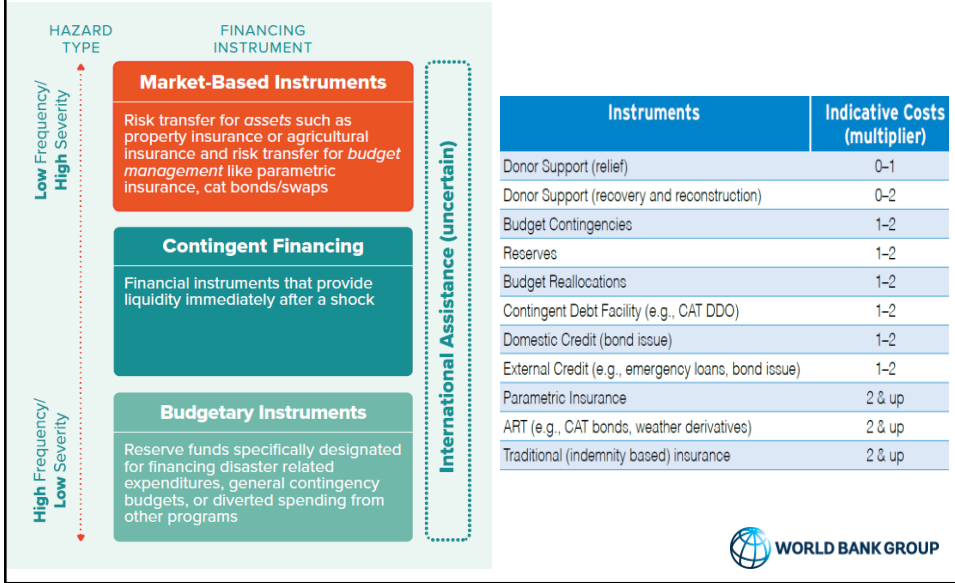
3

Develop a new rating system to create incentives for, and improve the tracking of, global progress on adaptation and resilience

A new rating system will be developed to promote public and private sector investments in adaptation. It will be designed to create incentives for donors and countries to engage in more and better adaptation; more effectively report on what the WBG and clients are doing; and aim to establish a global standard for financial markets and public procurement. The new system will be piloted over FY19–20 with an anticipated roll-out to projects in relevant sectors by FY21.

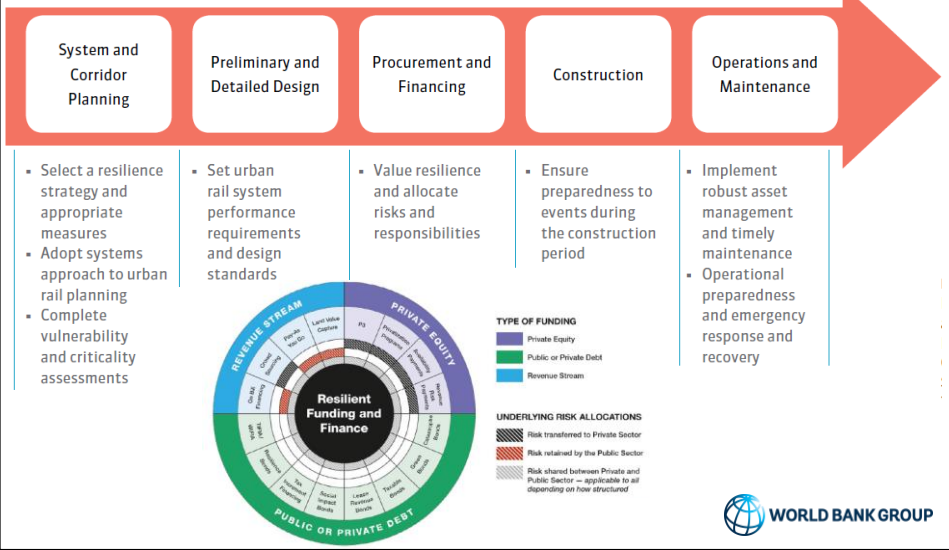


Risk Financing and Insurance

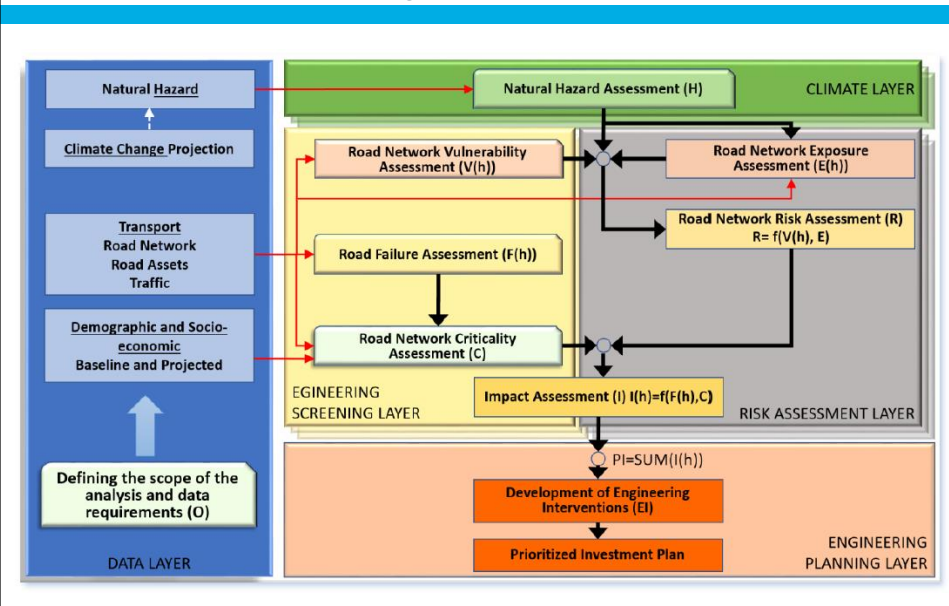


Resilience Financing Across Infrastructure Lifecycle

RESILIENCE IN AN URBAN RAIL PROJECT LIFECYCLE

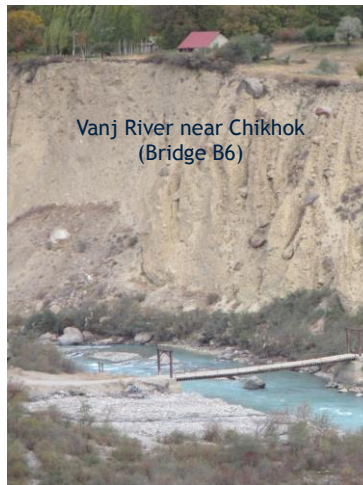


Methodology: Mainstreaming Climate Resilience in Road Transport Management in Serbia

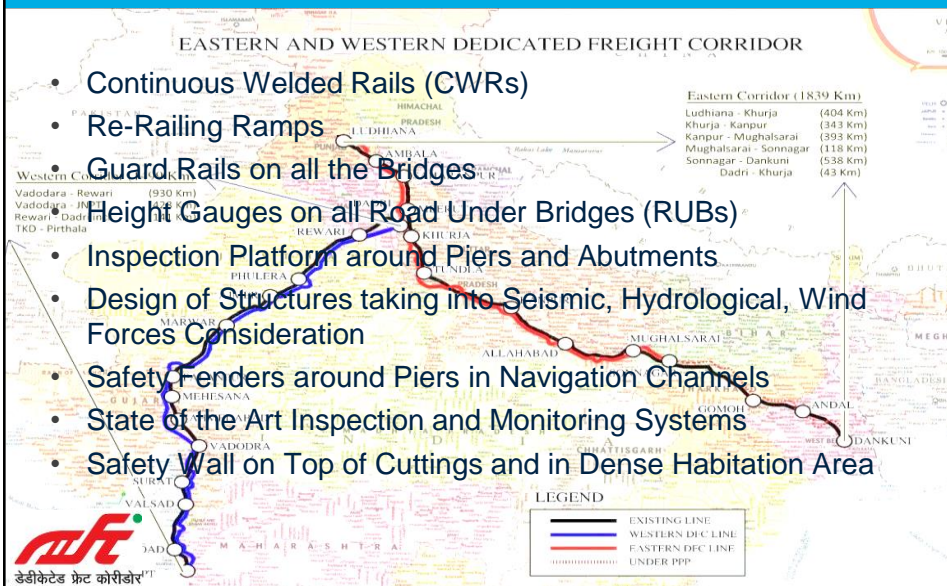


Risk Assessment: Strengthening Critical Infrastructure against Natural Hazards in Tajikistan

Bridge	Glacial Lake Outburst	Flood	Landslide	Snow Avalanche
B1	Yellow	Yellow	Red	Yellow
B2	Red	Yellow	Yellow	Yellow
B3	Yellow	Yellow	Yellow	Yellow
B4	Red	Red	Green	Green
B5	Red	Red	Green	Green
B6	Red	Yellow	Red	Purple
B7	Red	Yellow	Green	Green
B8	Red	Red	Green	Green
B9	Yellow	Red	Green	Green
B10	Purple	Yellow	Green	Purple
B11	Purple	Yellow	Yellow	Purple



Risk Mitigation: Dedicated Freight Corridor Corporation of India Ltd.



WHO WE ARE



Housed by the World Bank, we are a global partnership platform of over 50 leading actors representing all modes of transportation with a shared ambition to achieve sustainable mobility



OUR SHARED VISION



A world where the global mobility system is an important part of the solution to addressing 21st century global challenges



OUR AMBITION



Transforming the global mobility system, across modes

POLICY GOALS



UNIVERSAL ACCESS

Connect all people, including women, and communities to economic and social opportunities.



EFFICIENCY

Optimize its predictability, reliability and cost-effectiveness



SAFETY

Drastically reduce fatalities, injuries, and crashes (SDG Target 3.6)



GREEN

Abate the environmental footprint of mobility (GHG emissions, noise and air pollution)



THANK YOU FOR YOUR ATTENTION!



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