

# **Highways Workshop**

22-23 May 2023 • Tbilisi, Georgia

#### Семинар по автомобильным дорогам

22-23 мая 2023 года • Тбилиси, Грузия



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# Scaling up Support for Road Asset Management

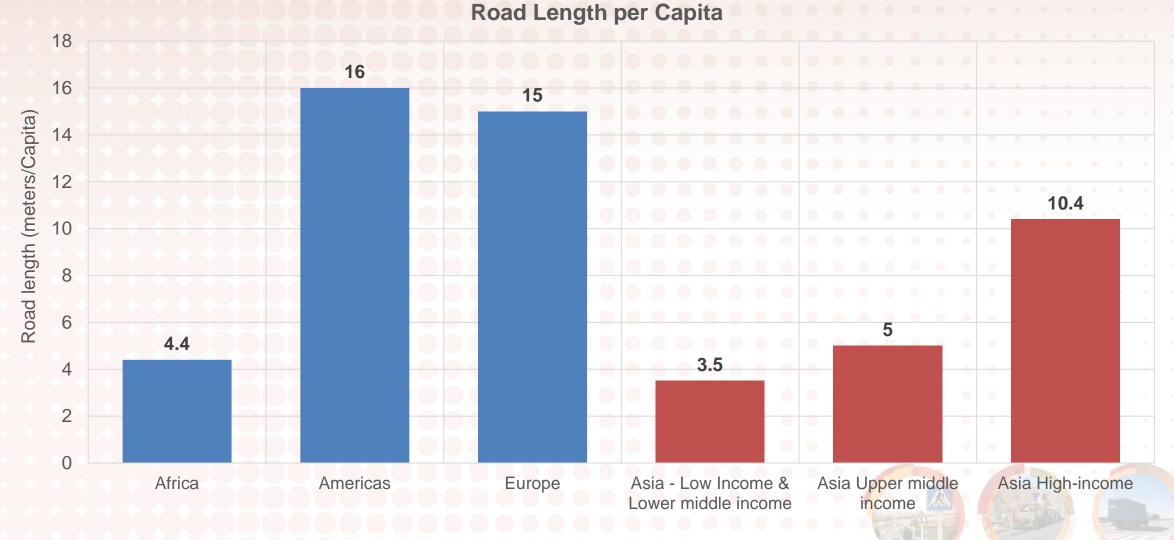
Senior Road Asset Management Specialist, ADB



# Summary

- 1. Regional Context and Challenges
- 2. Focus of ADB Support for Roads and Road Asset Management
- 3. Knowledge Studies and Capacity Building Initiatives

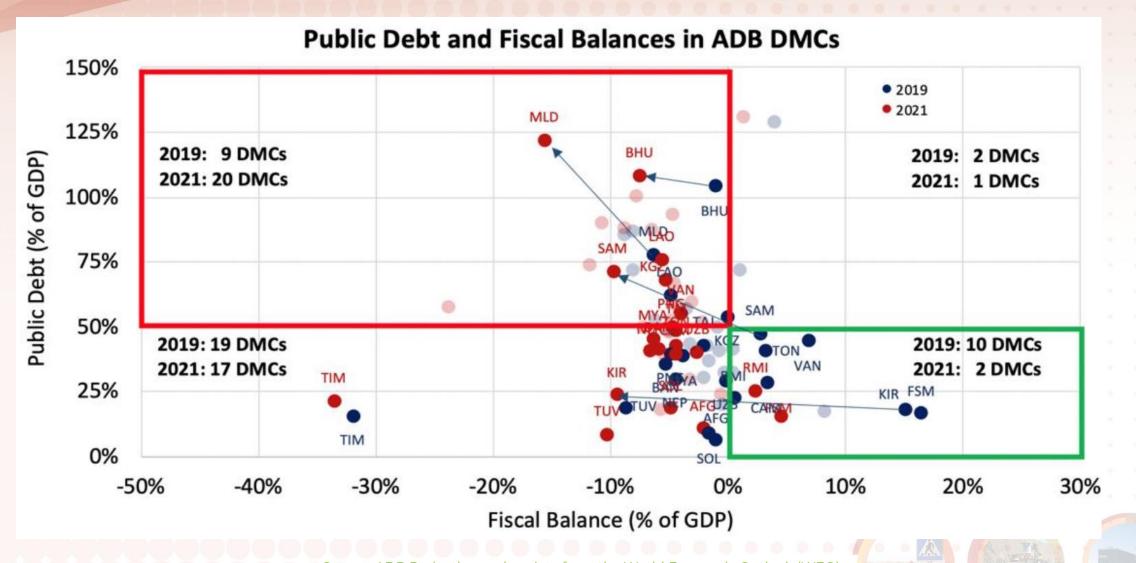
# Road infrastructure deficit is more marked in lower income economies



Source: Asian Transport Outlook (ATO)

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#### **Declining fiscal space for infrastructure Investments**



Source: ADB Projections using data from the World Economic Outlook (WEO) October 2019, WEO April 2020, and Asian Development Outlook (ADO) Update, September 2020

Countries most affected by extreme weather events (2000-2019)

1	Puerto Rico
2	Myanmar
3	Haiti
4	Philippines
4	Mozambique
6	The Bahamas
7	Bangladesh
8	Pakistan
9	Thailand
10	Nepal

#### ADB Climate Change Commitments

- US\$ 100 Billion in climate financing by 2030
- Align all projects to adaptation mitigation goals of Paris Agreement on Climate Change



**Climate Resilient and Greener Road Networks** 

1.

2.

Climate Risk Index: Ranking 2000 - 2019

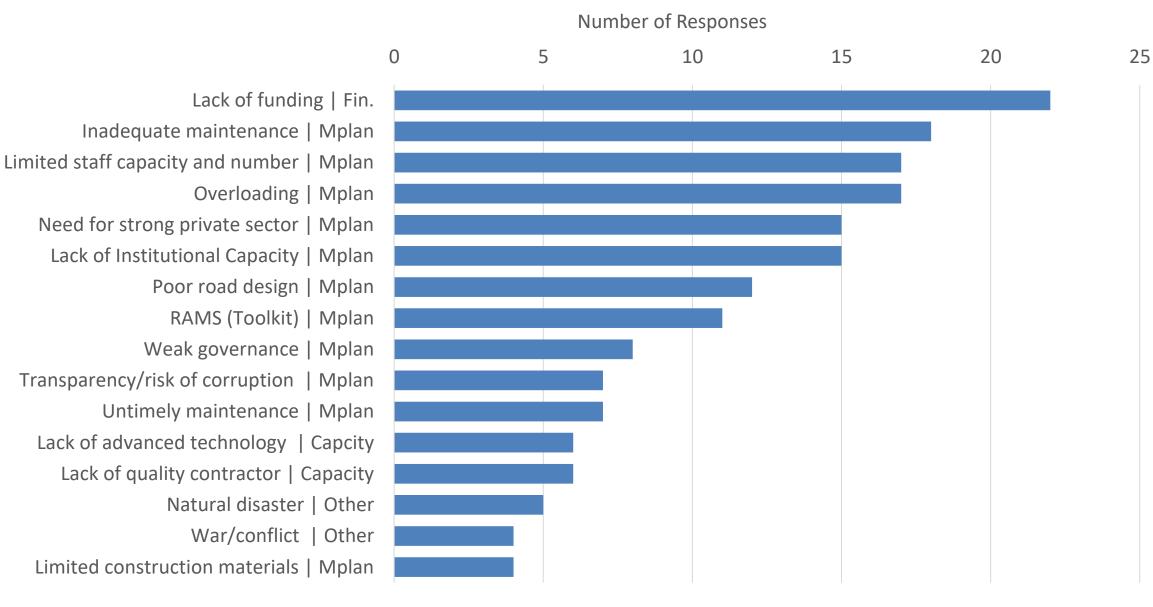
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Source: Germanwatch and Munich Re NatCatSERVICE

#### **Road Management Issues in DMCs**



## Selected Focus of ADB Support for Roads



#### STRATEGY 2030 TRANSPORT SECTOR DIRECTIONAL GUIDE

NOVEMBER 2022

- 1. Providing equitable access
- 2. Ensuring sustainability of assets
- 3. Affordable and reliable transport services
- 4. Supporting asset management programs including climate adaptation
- 5. Capacity building to deliver routine and periodic maintenance programs
- 6. Promoting full range of funding sources including budget support, cost recovery, public private partnerships, resultsand policy-based lending modalities
- 7. Institutional reforms with increased focus on policy and programmatic support
- 8. Transport sector decarbonization through avoid-shiftimprove principles
- 9. Road safety programs

ADE



### **Knowledge Studies and Capacity Building**

#### **Ongoing Knowledge Studies**

- 1. Mapping the Future of Road User Charging
- 2. Developing Green Roads Toolkit and Guidance
- 3. Risk-Based Asset Management Guide for Improved Resilience of Road Networks

#### **Planned Trainings and Workshops**

- Transport Resilience Workshop 5 7 September, ADB HQ
- Cross-sector Asset Management Workshop, 2024
- 3. Highway Development and Management Training (HDM-4), 2024





# Thank you

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