Asian Transport Observatory

Transport Investment and Financing: Fiji & Regional Context

Alvin Mejia
Co-Team Lead
Asian Transport Observatory

Strengthening the Capacity of Fiji to Implement Low Carbon and Resilient Transport Action Plans

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Suva, Fiji

ADB ASIAN DEVELOPMENT BANK

AIIB ASIAN INFRASTRUCTURE INVESTMENT BANK





2.6 Trillion needed in the next 10 years

2.3%

of LMIC GDP, every year, from 2025 to 2035

8

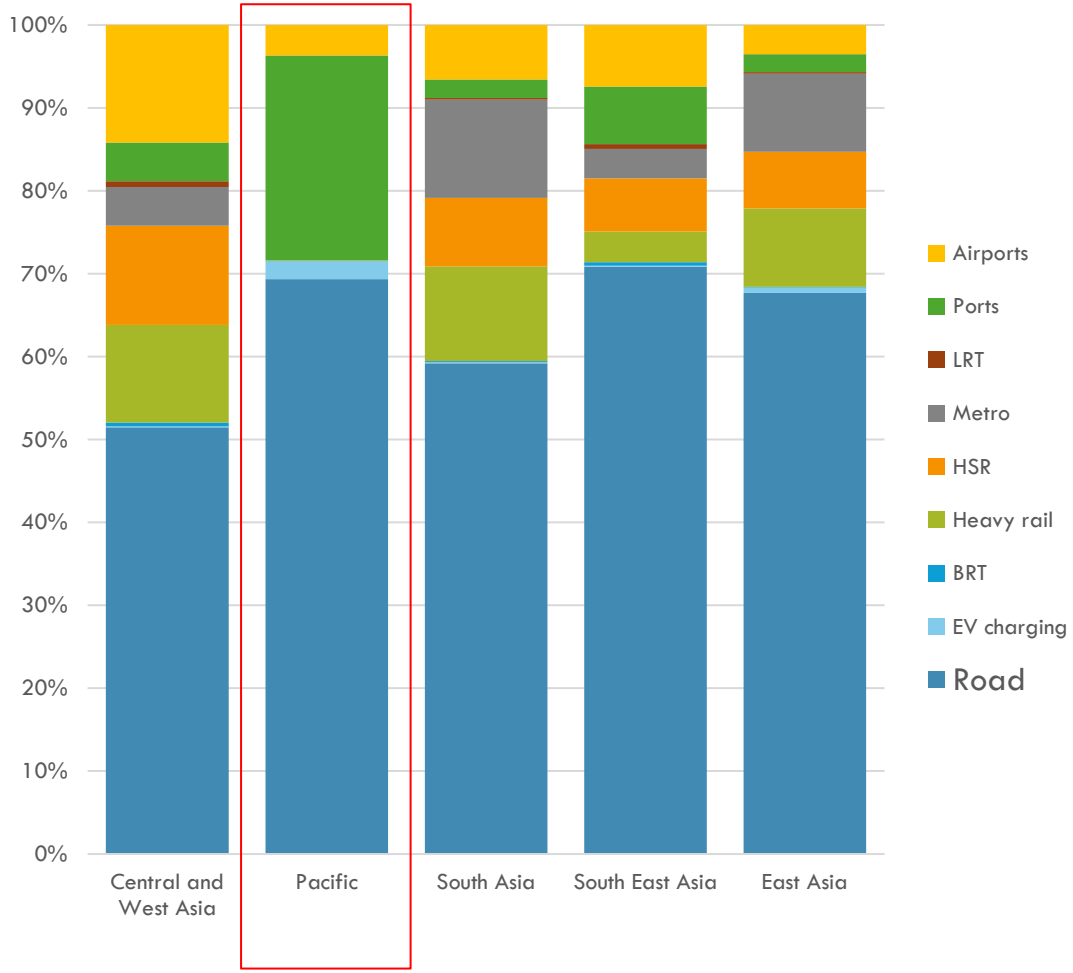
sub-sectors modelled — road, rail, port, air, EV

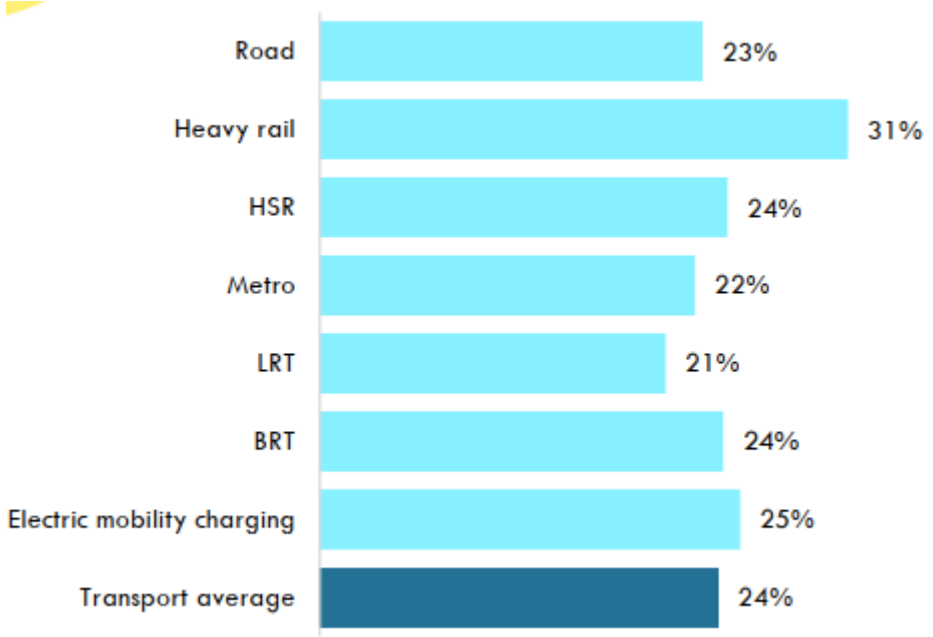
3×

the annual investment in the next decade

Investment outlook – Asia and the Pacific

Transport infrastructure investment in LMIC, share by subregion (2025-2035)

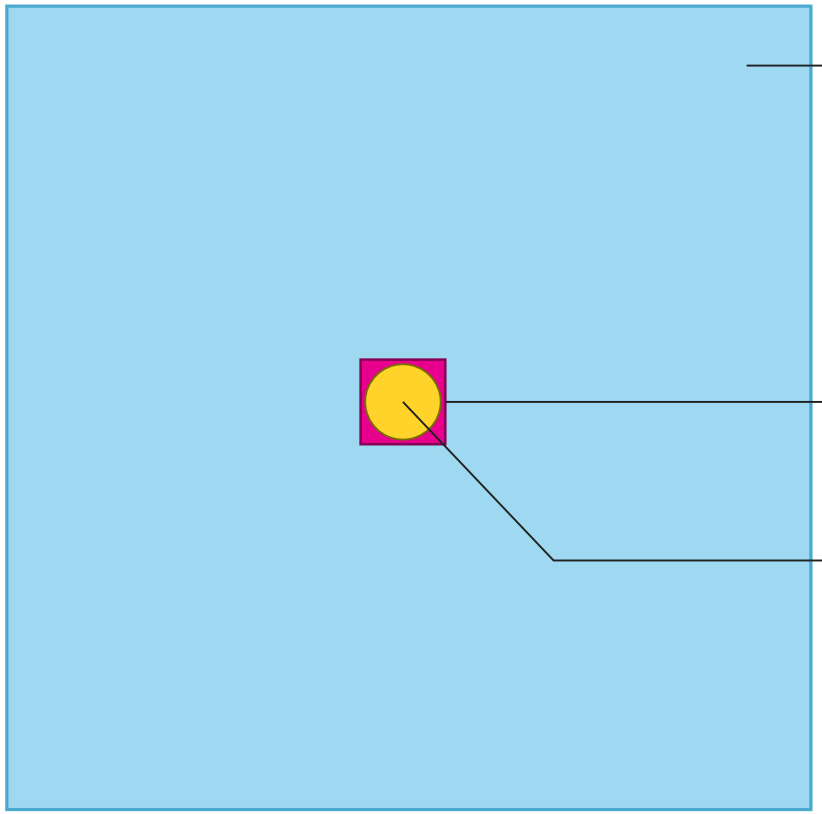




Share of Maintenance %

Source: ATO. (2026). https://asiantransportobservatory.org/analytical-outputs/asia-lmic-transport-outlook-investment-needs/

Investment Gap



Projected annual investment needs (2025-2035)

2.6 trillion USD

Average annual Private Participation in Infrastructure (2015-2023)

28.8 billion USD (1.1%)

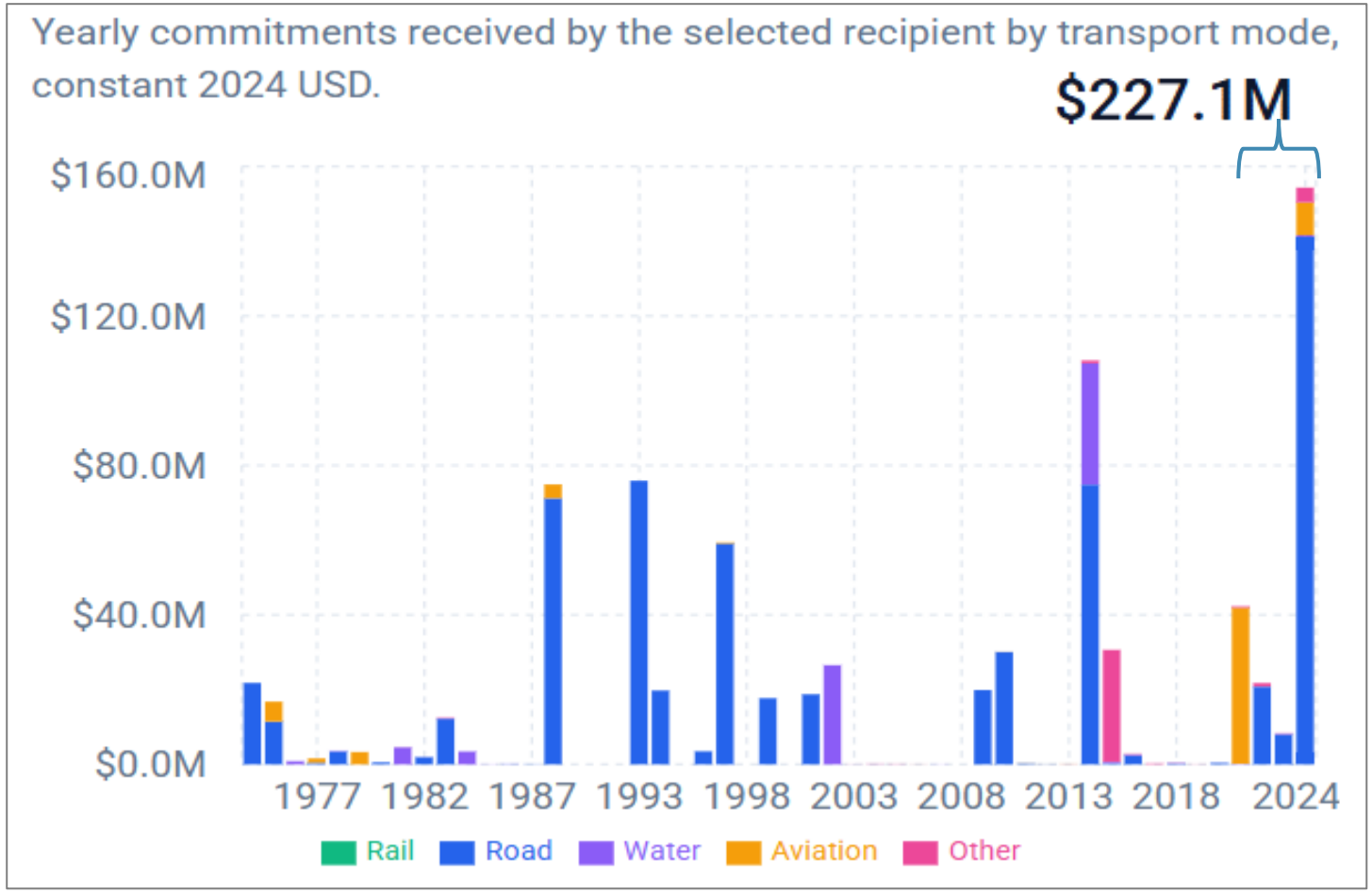
Average annual development finance, transport (2015-2023)

18.0 billion USD (0.7%)

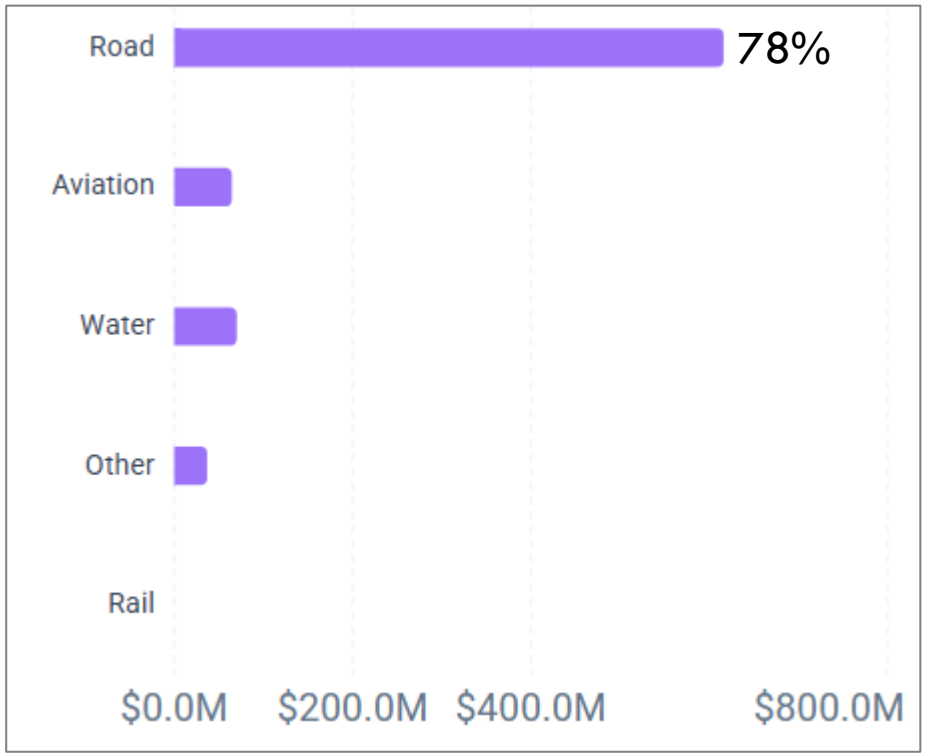
Source: ATO estimates

Development Finance - Transport Sector in Fiji

$787.8M



Disbursed amounts 1973 onwards ~ 34% of the committed value

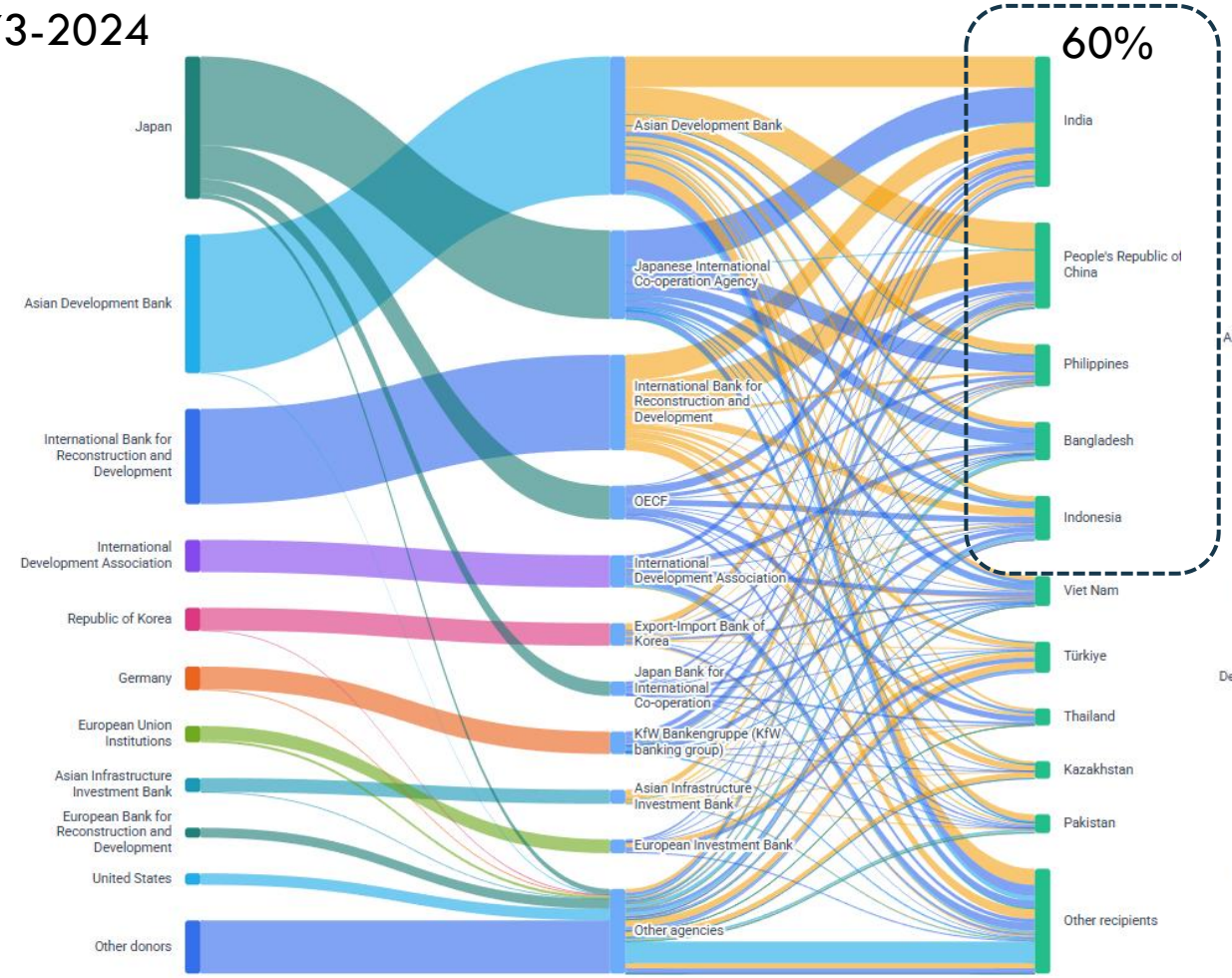


>1 billion USD
(costed NDC implementation plan)

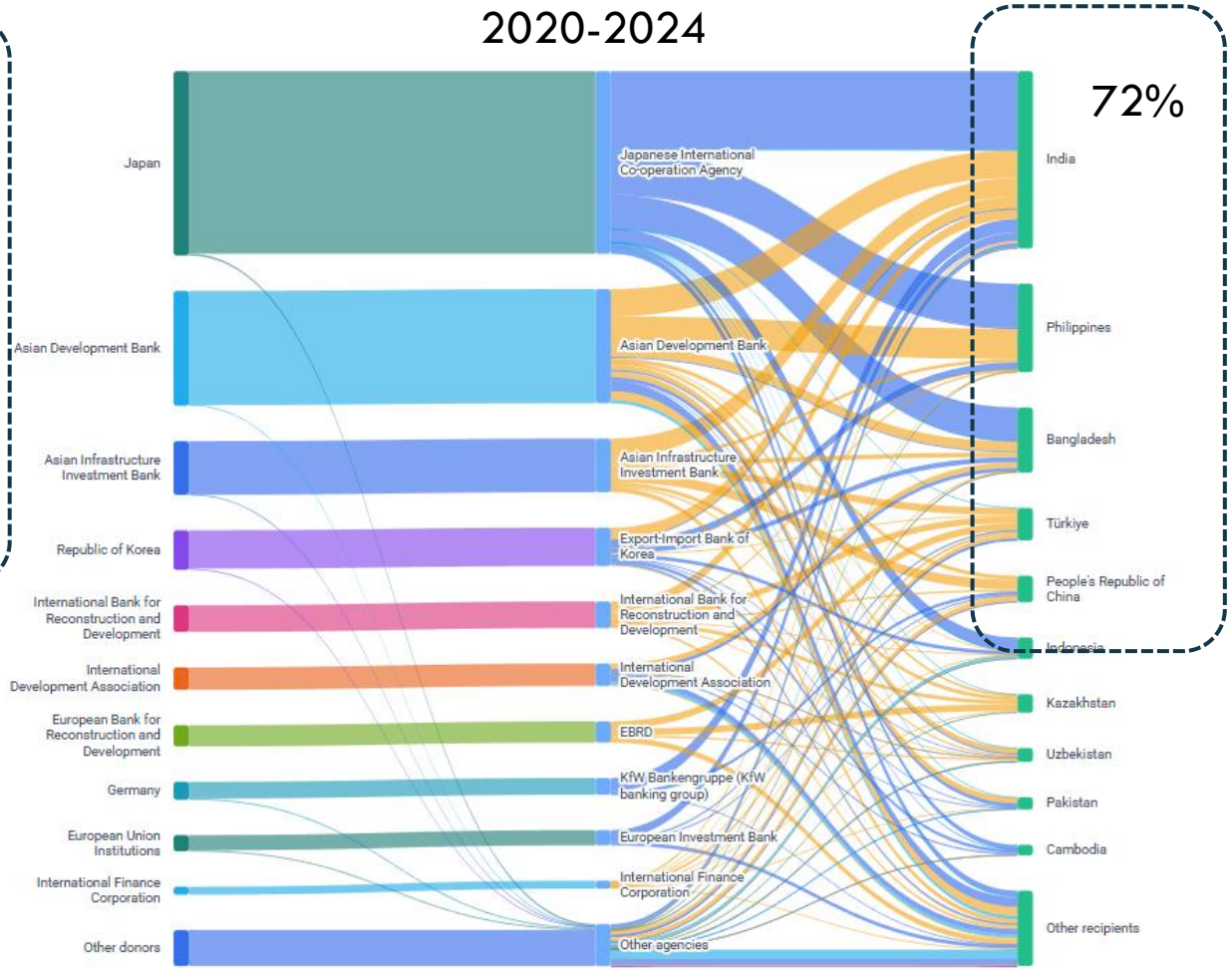
https://asiantransportobservatory.org/vis/transport-development-finance-explorer/

Regional Trends – Development Finance towards Transport

1973-2024



2020-2024



ODA Grants · ODA Loans · Other Official Flows · Equity Investment · Private Development Finance · Other Flow Types

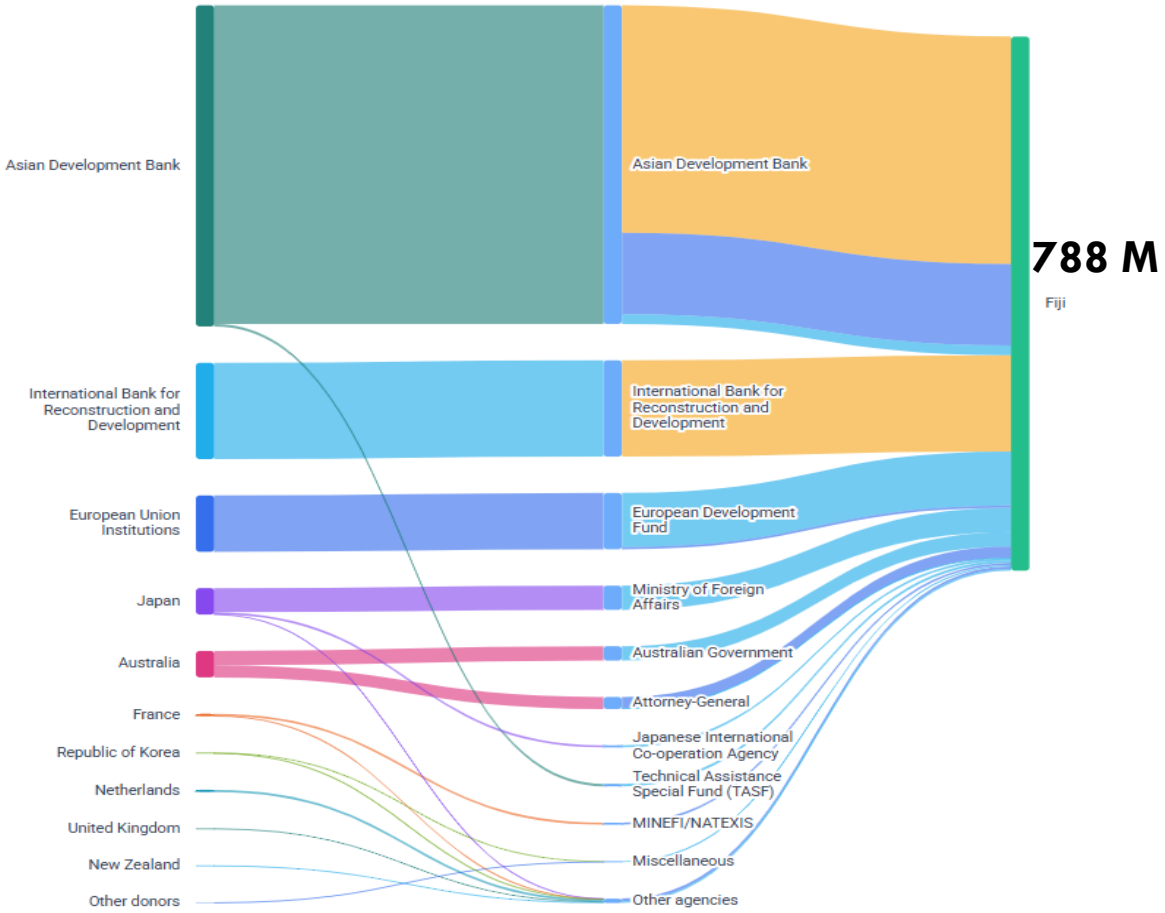
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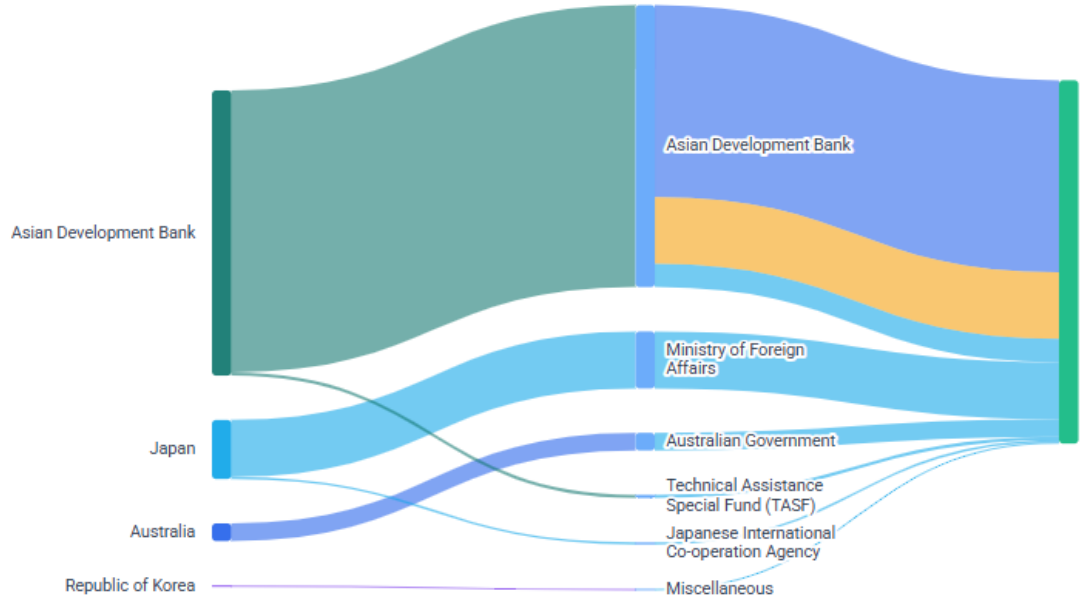
https://asiantransportobservatory.org/insights/transport-development-finance-explorer/

Fiji – Development Finance towards Transport

1973-2024



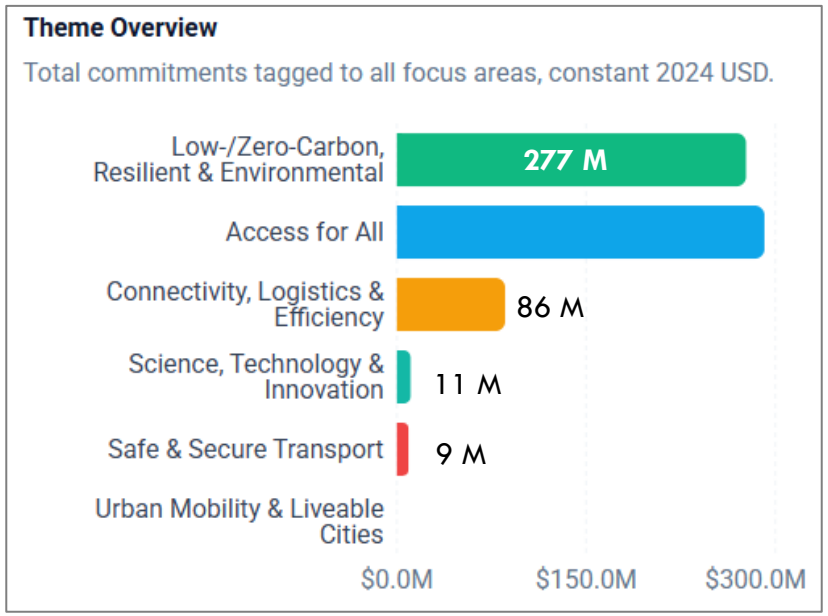
2020-2024



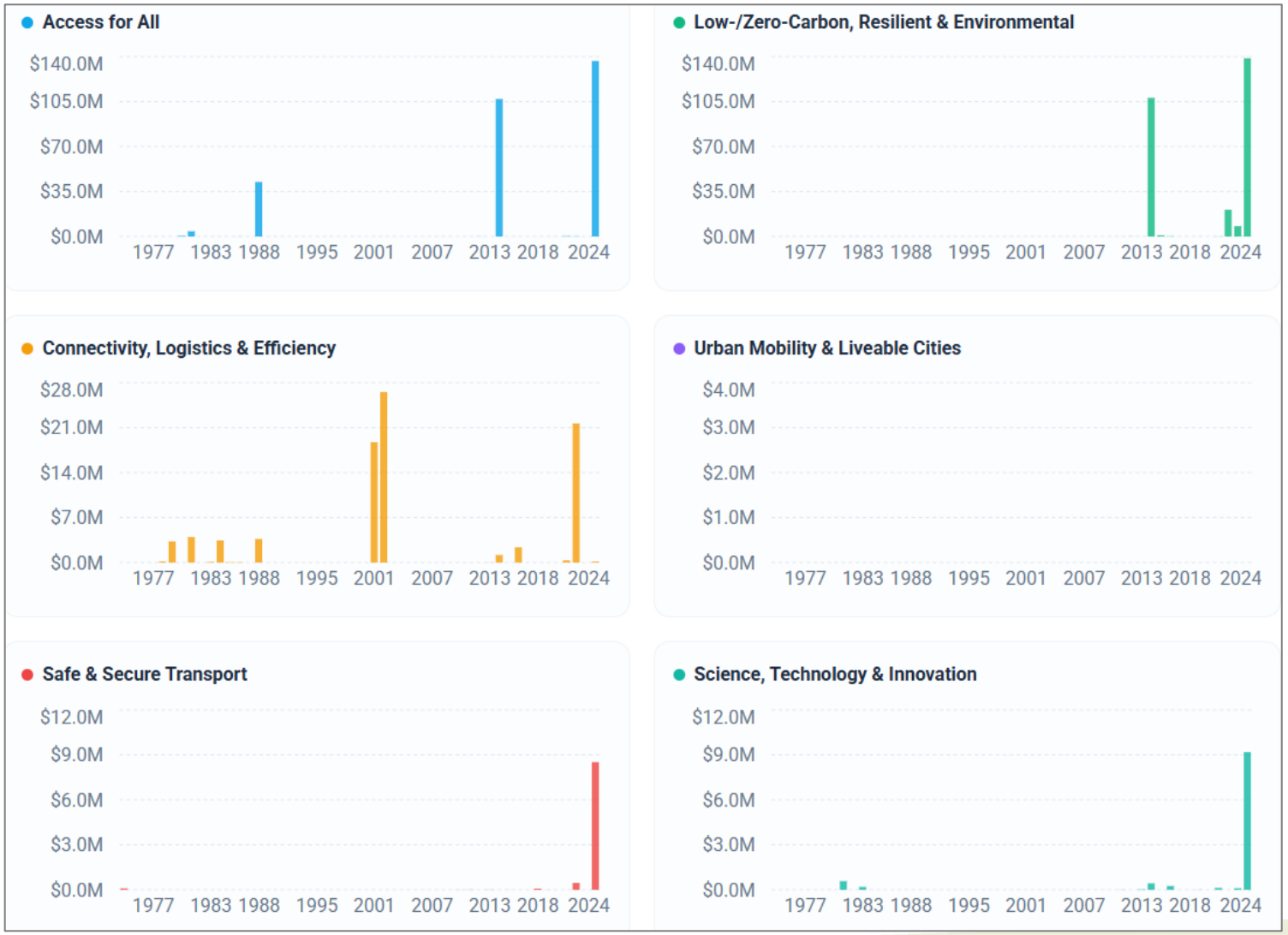
55m/year

https://asiantransportobservatory.org/insights/transport-development-finance-explorer/

Development Finance – UN Decade of Sustainable Transport Focus Areas

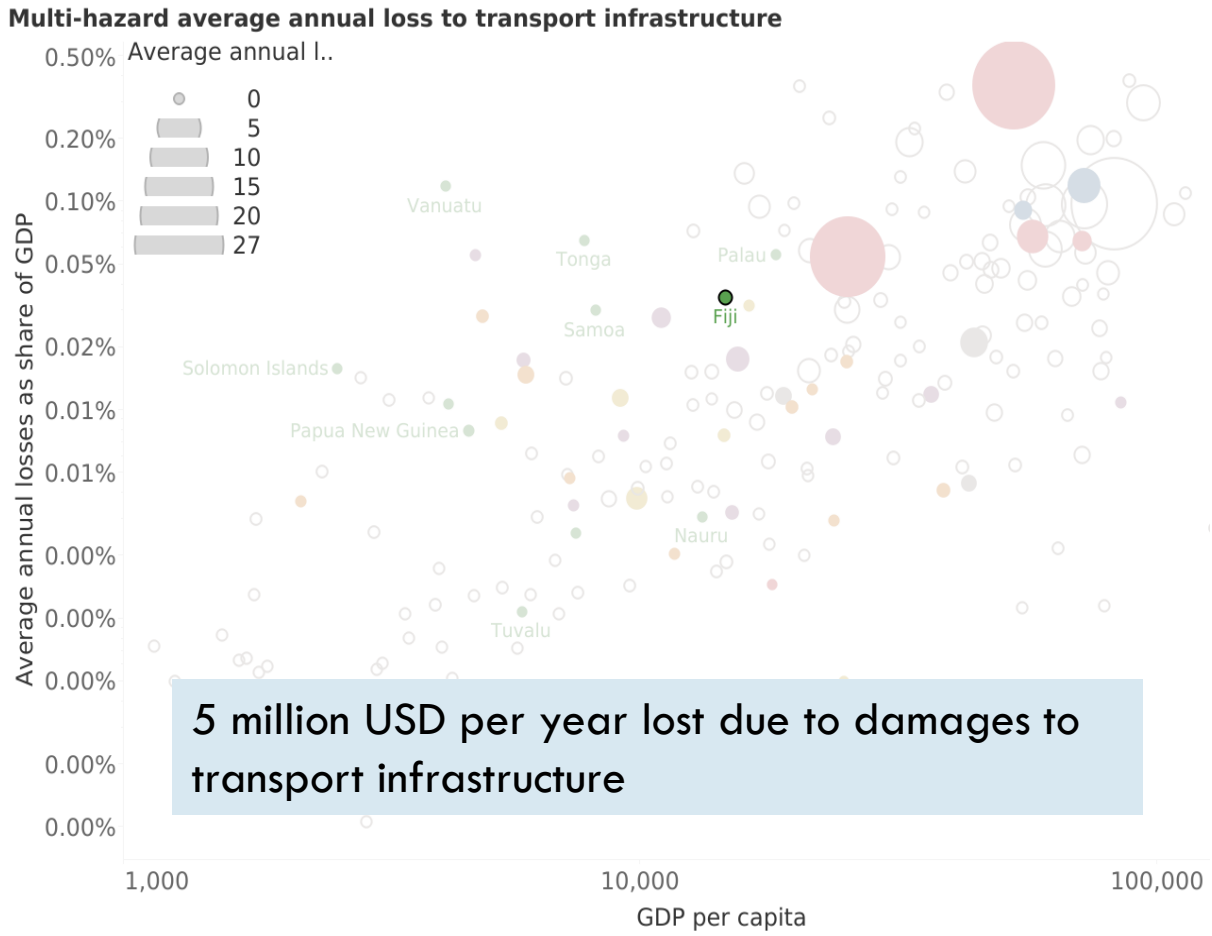


*not officially reported categories

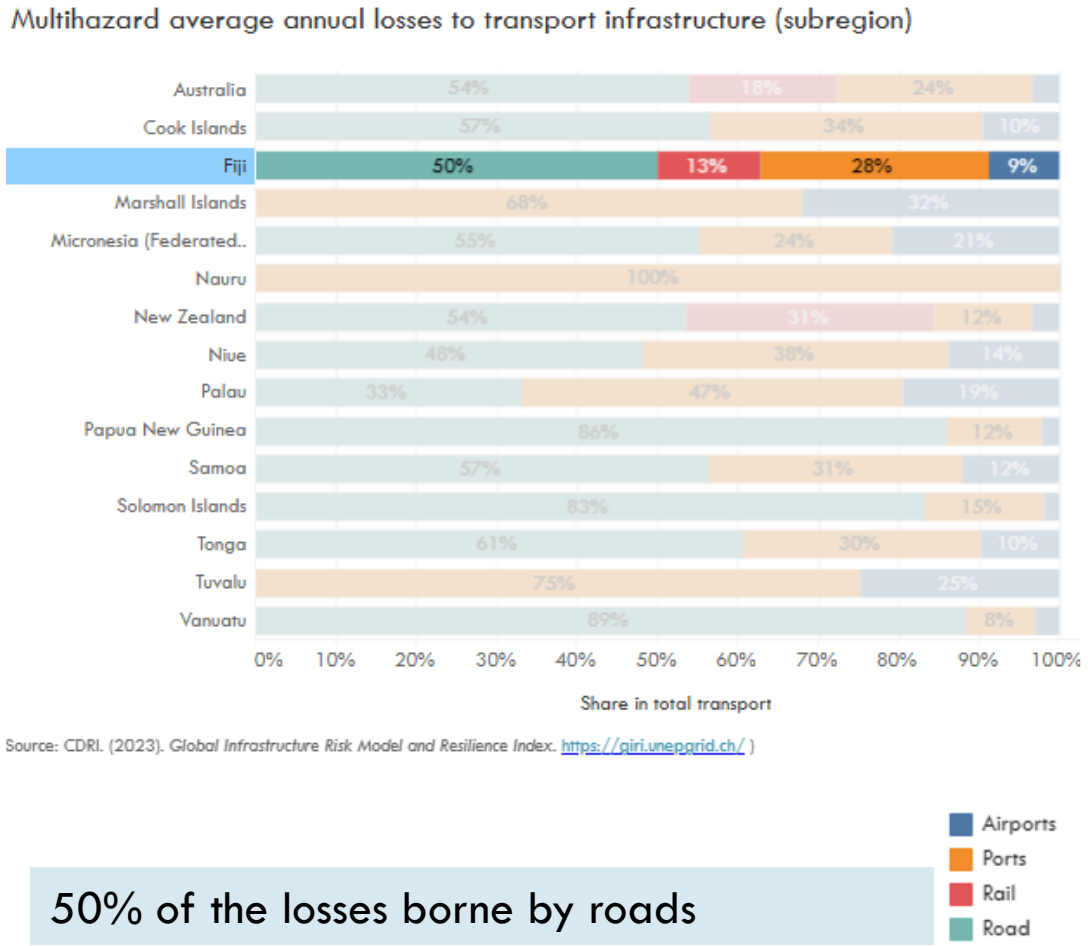


https://asiantransportobservatory.org/insights/transport-development-finance-explorer/

Resilience Considerations – Losses due to Multi-hazards



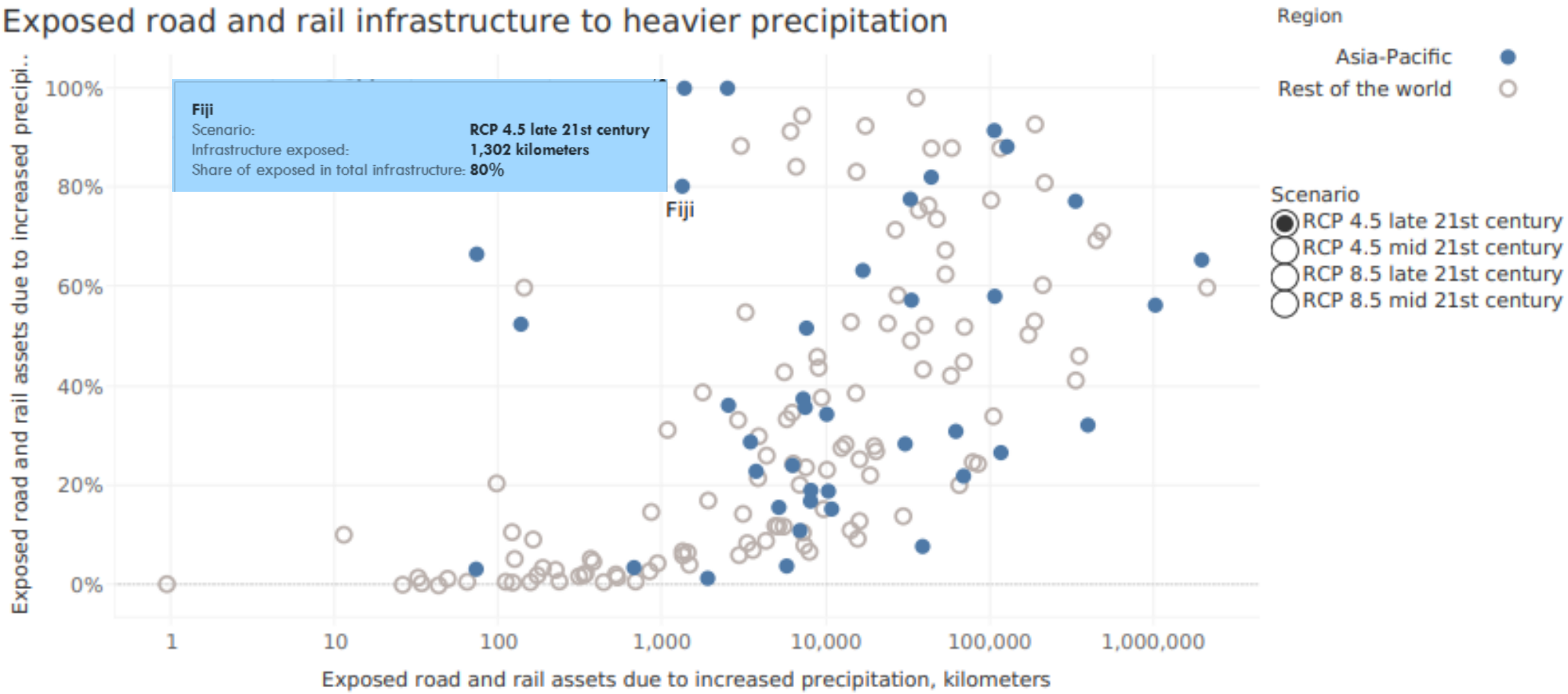
5 million USD per year lost due to damages to transport infrastructure



50% of the losses borne by roads

Source: ATO analysis based on CDRI (2023)

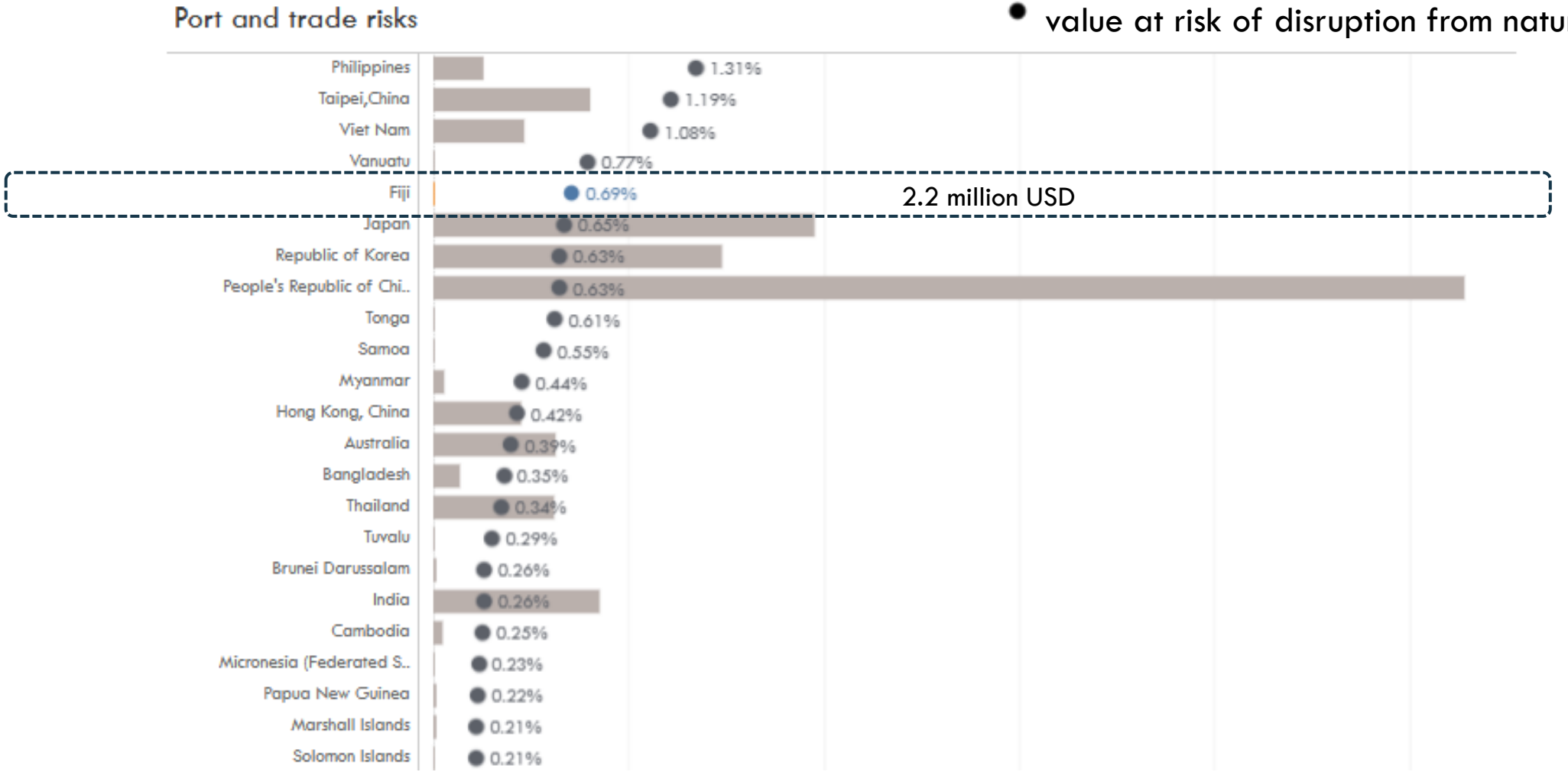
Resilience Considerations – Transport Infrastructure Exposure



Source: Liu, K., Wang, Q., Wang, M., & Koks, E. E. (2023). Global transportation infrastructure exposure to the change of precipitation in a warmer world. *Nature Communications*, *14*(1), 2541. https://doi.org/10.1038/s41467-023-38203-3)

Resilience Considerations - Port and Trade Risks

● share of each economy's annual maritime trade value at risk of disruption from natural hazards

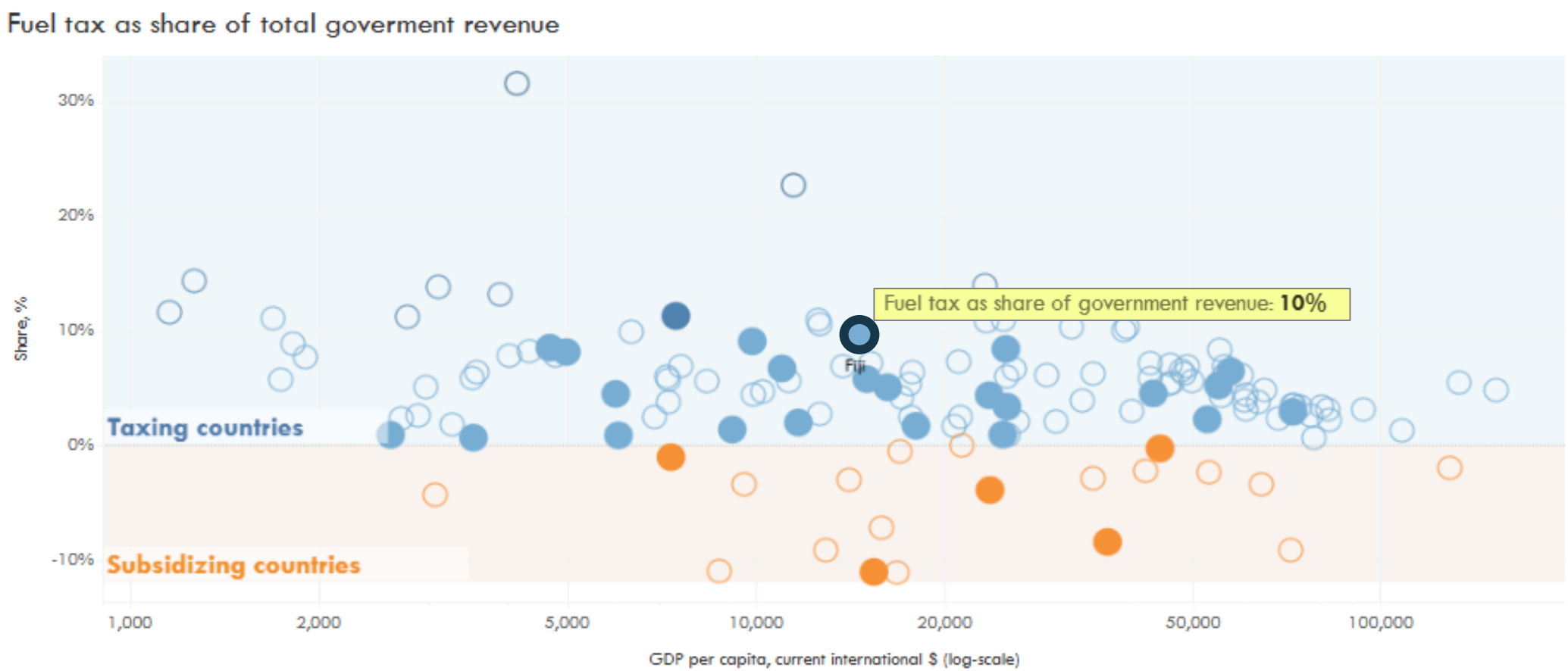


2.2 million USD

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Source: ATO ablaysis and visualization based on Verschuur, J., Koks, E. E., Li, S., & Hall, J. W. (2023). Multi-hazard risk to global port infrastructure and resulting trade and logistics losses. *Communications Earth & Environment*, *4*(1), 1–12. https://doi.org/10.1038/s43247-022-00656-7

Fuel Tax Revenues

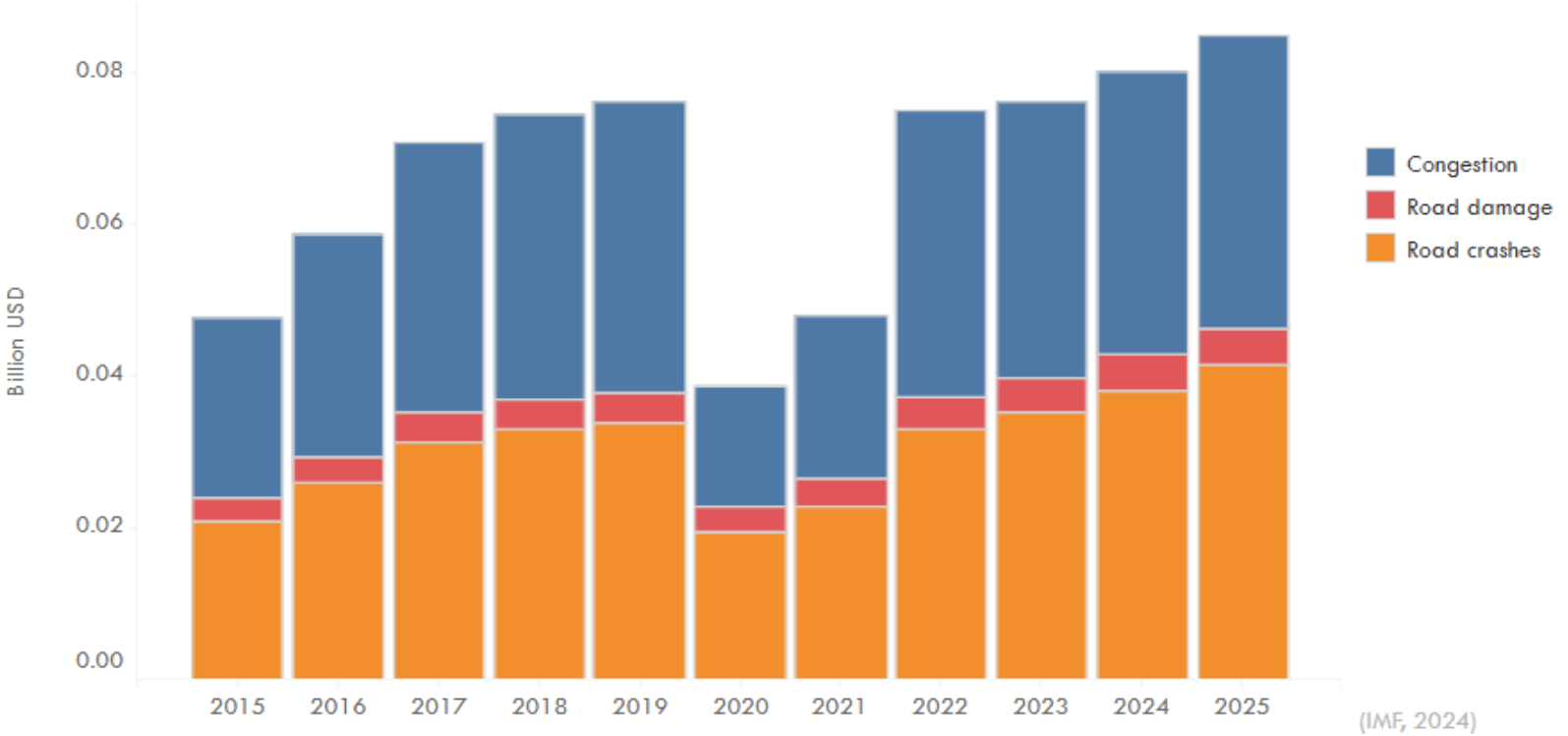


Source: Noll, B., Schmidt, T. S., & Egli, F. (2026). The electric vehicle transition and vanishing fuel tax revenues. *Nature Sustainability*, 1–5. https://doi.org/10.1038/s41893-025-01721-7

Other Costs

Implicit costs due to fossil fuel subsidies in transport

Implicit subsidies are the monetized value of external costs from fossil fuel use in transport such as road crashes, congestion, and road damage that remain uninternalized in fuel prices. Unlike explicit subsidies through direct fiscal transfers, they reflect external costs borne by society rather than the fuel consumer.



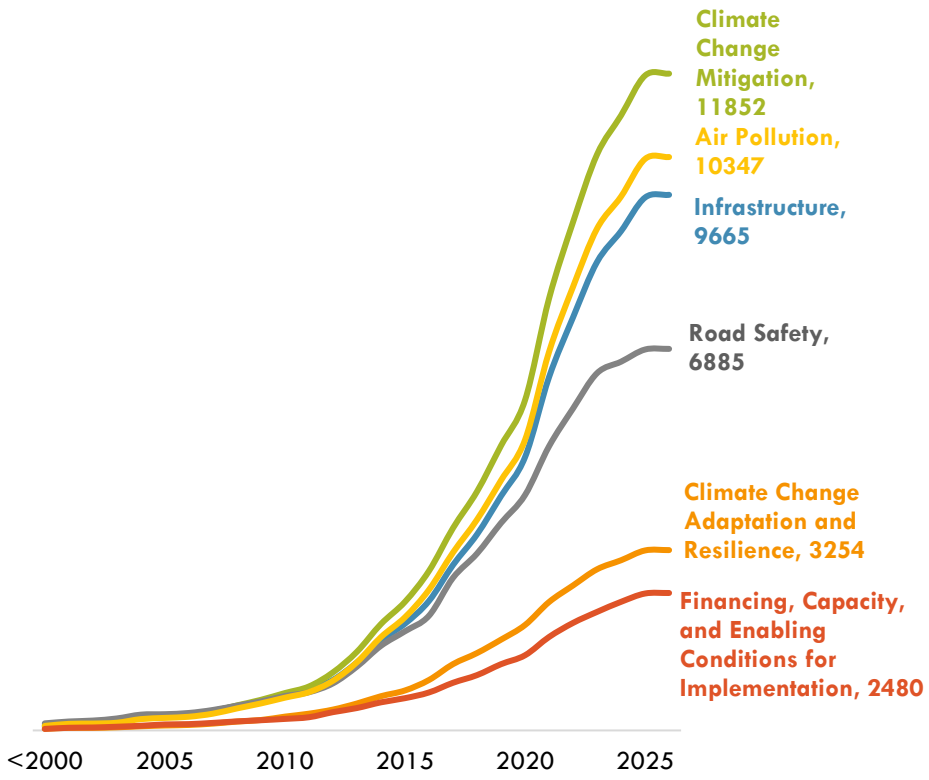
(IMF, 2024)

85 million USD as monetized value of external costs from fossil fuels in Fiji

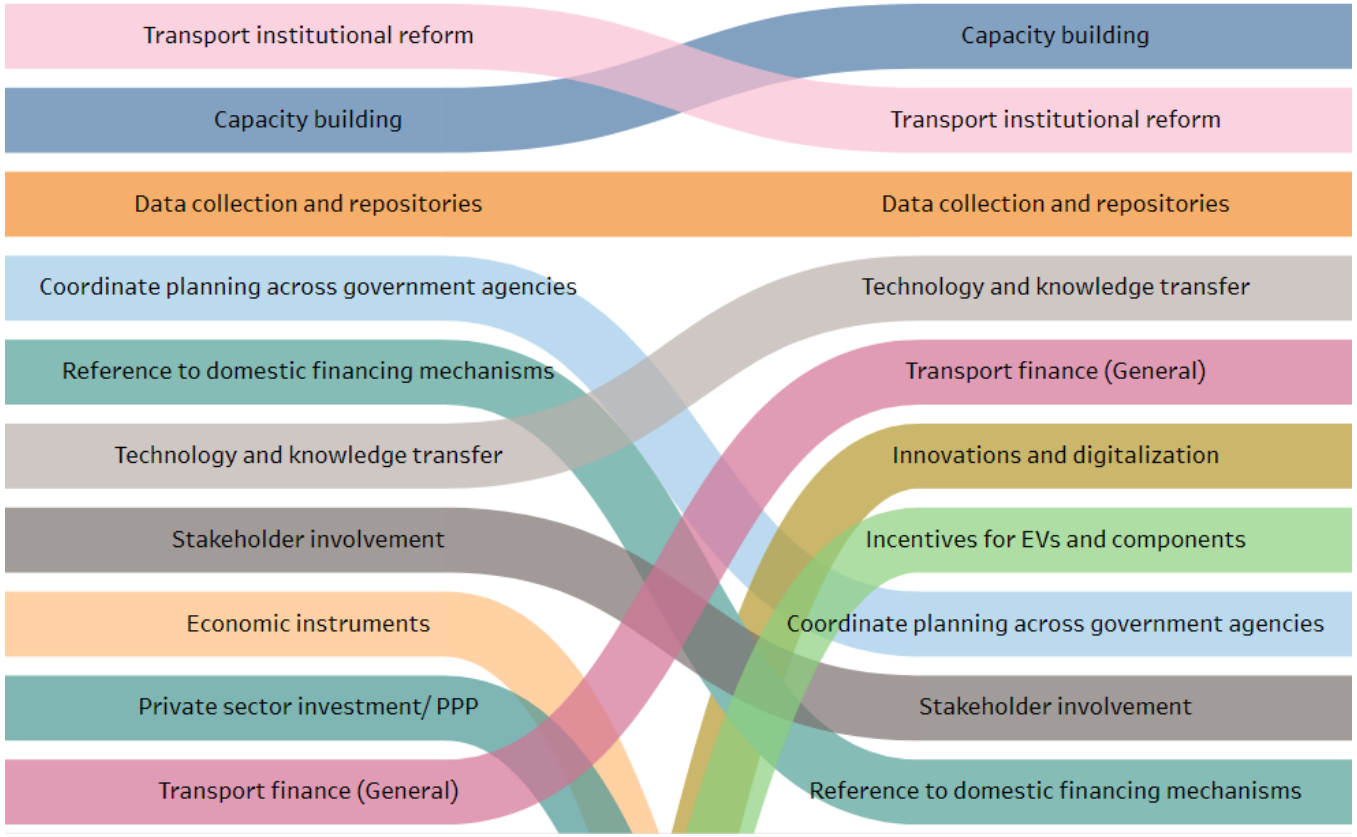
What gets measured gets financed?

Asia

Cumulative Measures + Targets across Themes



Top 10 Policy Measures in the theme Financing, Capacity, and Enabling Conditions for Implementation



Source:ATO policy database

Policy Measures – Capacities and Institutional Reform

- **Workforce development**
  - seafarer certification, pilot training, port management, and compliance with international standards, alongside training for road, railway, aviation, and logistics professionals.
- **Institutional strengthening**
  - clearer responsibilities, better coordination between agencies, stronger inspection and enforcement, and improve financial and asset management.
- **Emerging skills needs**
  - electric vehicle maintenance, charging infrastructure, cleaner marine fuels, shore power, digital systems, and emissions monitoring. Several explicitly connect these needs to vocational curricula, research institutions, and partnerships with industry
- **Safety and resilience**
  - inspections and maintenance to emergency drills, disaster response, and continuity of transport services.
- **Empowerment**
  - Promote women's participation and strengthen domestic contractors and training providers.



Source:ATO policy database

Policy Measures – Finance and Investments

- **Mobilizing diverse financing:** Combine public budgets, private investment, development assistance, and climate finance through PPPs, grants, loans, and bonds.
- **Prioritizing sustainable and inclusive investment:** Direct funding toward cleaner transport, integrated networks, climate resilience, and connectivity for underserved communities.
- **Ensuring long-term financial sustainability:** Secure maintenance funding, diversify revenues, and balance cost recovery with affordability and targeted subsidies.
- **Strengthening investment governance:** Improve project appraisal, procurement, financial management, and risk allocation to ensure efficient spending and manage debt.



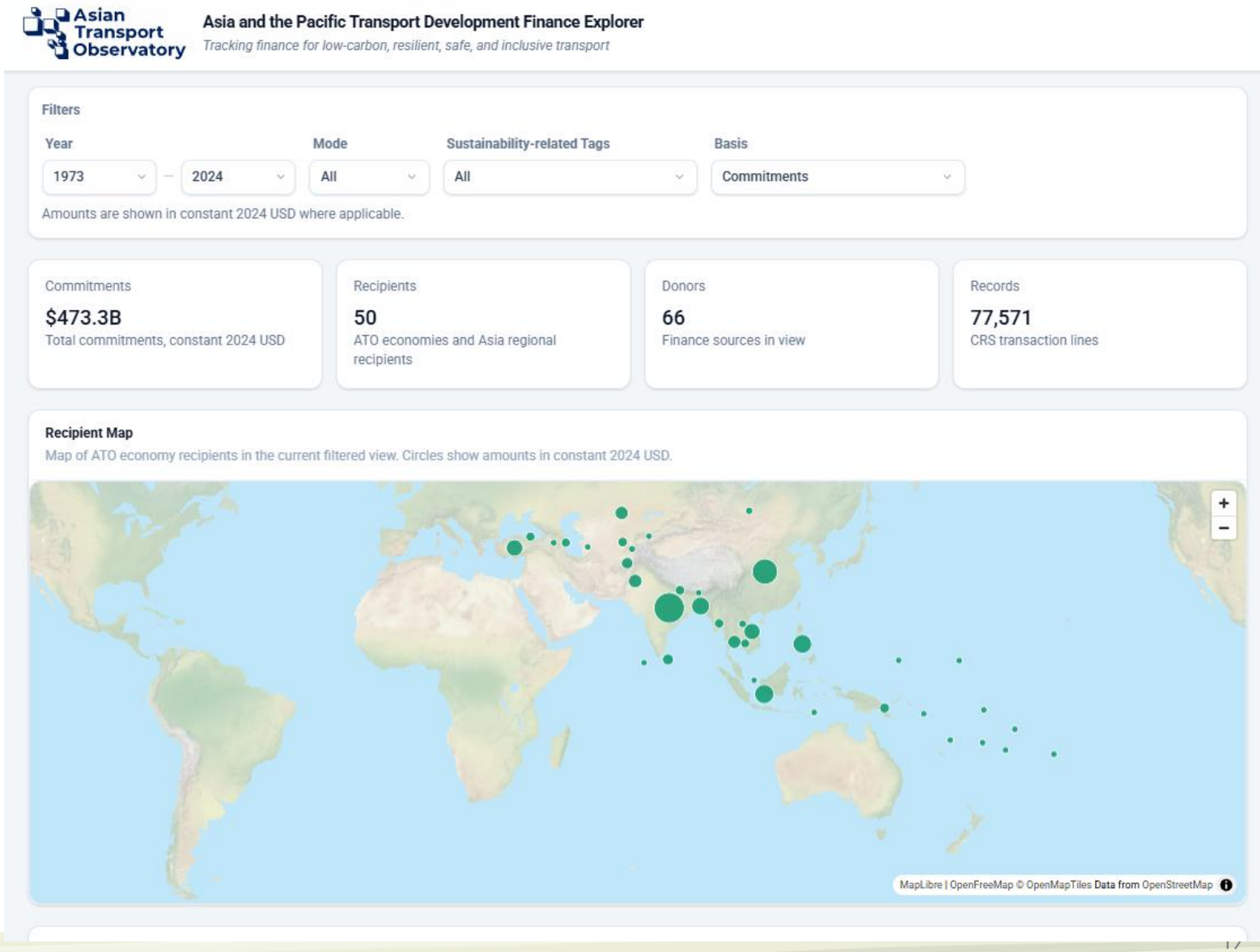
Source:ATO policy database

Development Finance Explorer

- Tracks transport commitments and disbursements across donors, recipients, modes, and years

- Covers 66 donors, 50 recipients, and 77k+ CRS fact records for Asia-Pacific for period 1973-2024





asiantransportobservatory.org

"ATO translates data into insights, policies, and investments"

ATO Team	info@asiantransportobservatory.org
Jamie Leather	jleather@adb.org
Andres Pizarro	andres.pizarro@aiib.org
Manuel Benard	manuel.benard@aiib.org
Alvin Mejia	alvinmejia@asiantransportobservatory.org
Sudhir Gota	sudhirgota@asiantransportobservatory.org
Mel Francis Eden	meleden@asiantransportobservatory.org
Adwait Limaye	adwait@asiantransportobservatory.org
Benjamin Soco	benjaminsoco@asiantransportobservatory.org

X: @transportATO
Linkedin: bit.ly/ATOlinkedin