

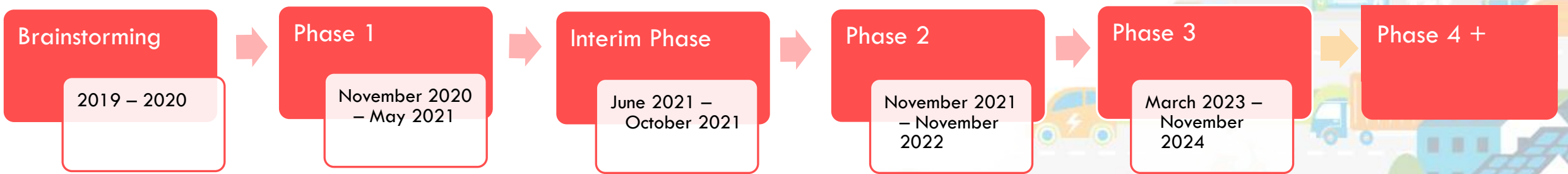
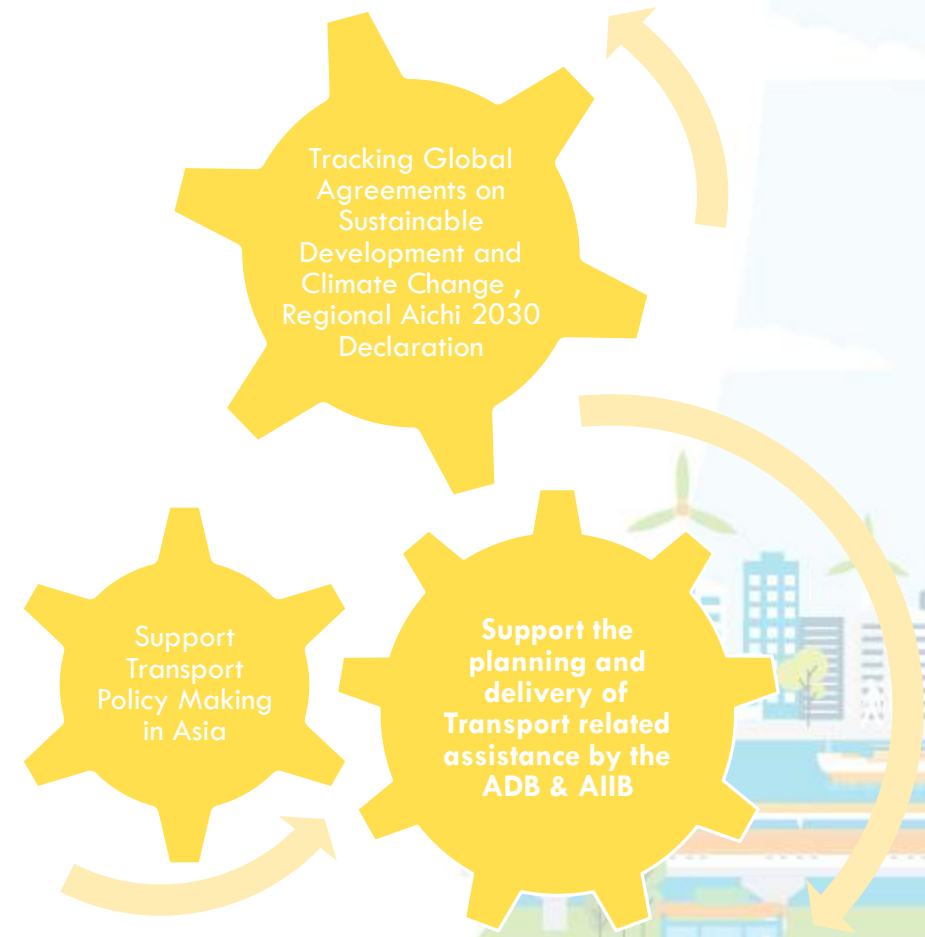
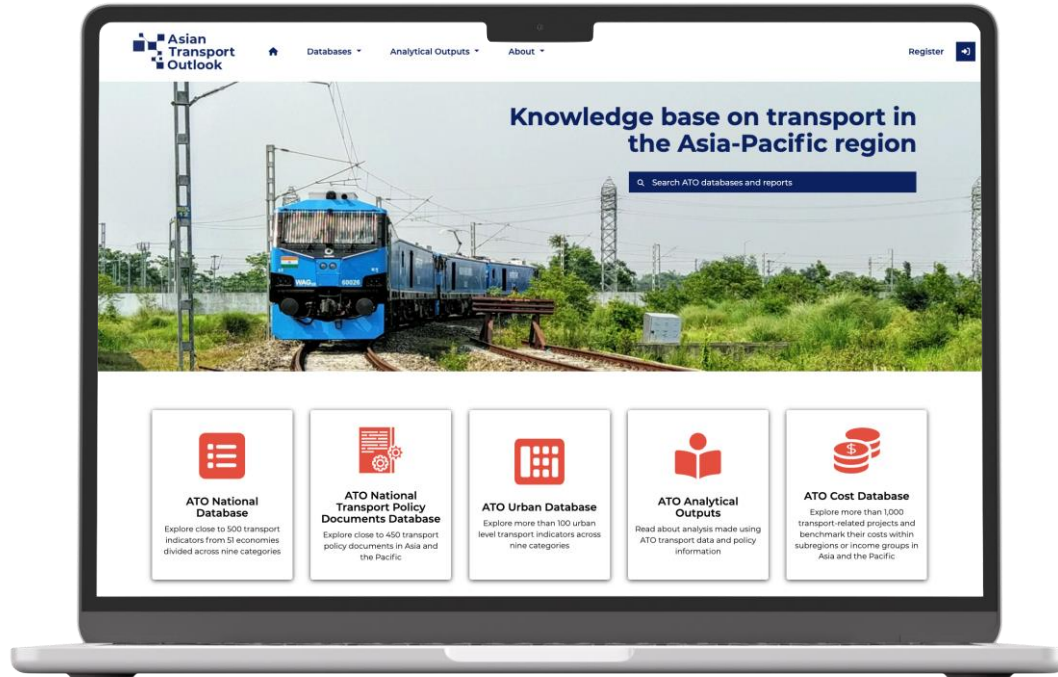
Blindspot

Highlighting Asia's Investment Gap in Low Carbon Transport

Mel Eden, Data Analyst
Asian Transport Outlook



www.asiantransportoutlook.com



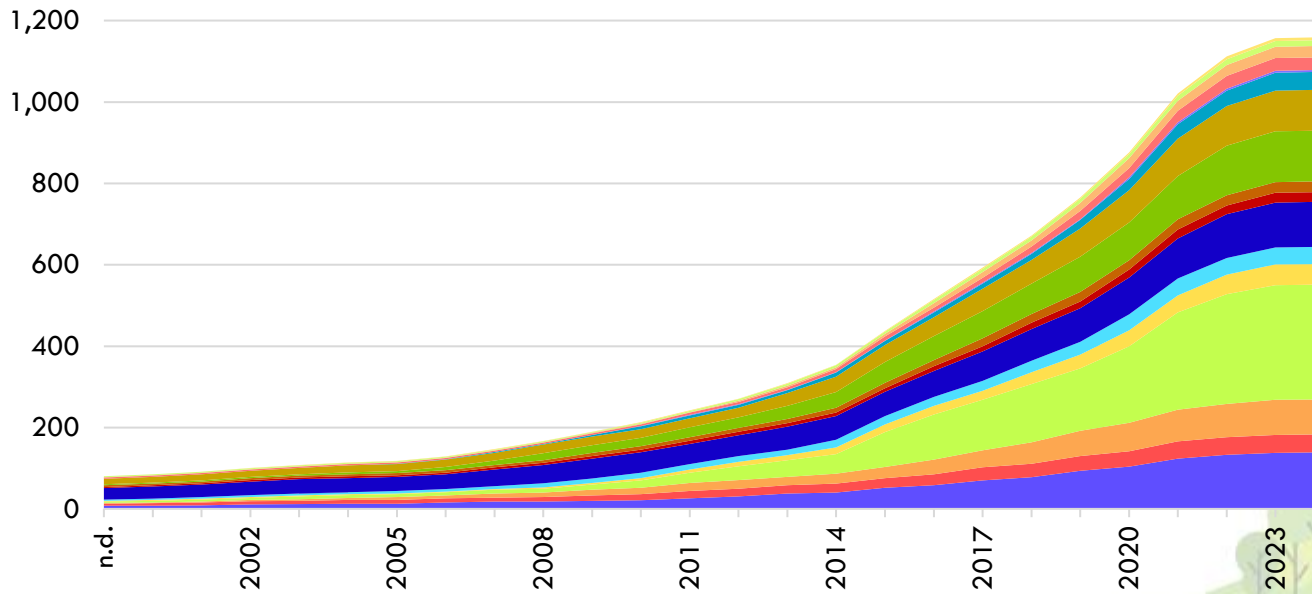
Data and policy powering insights



51 Economies
460 Urban Centers



410 national indicators
281 urban indicators

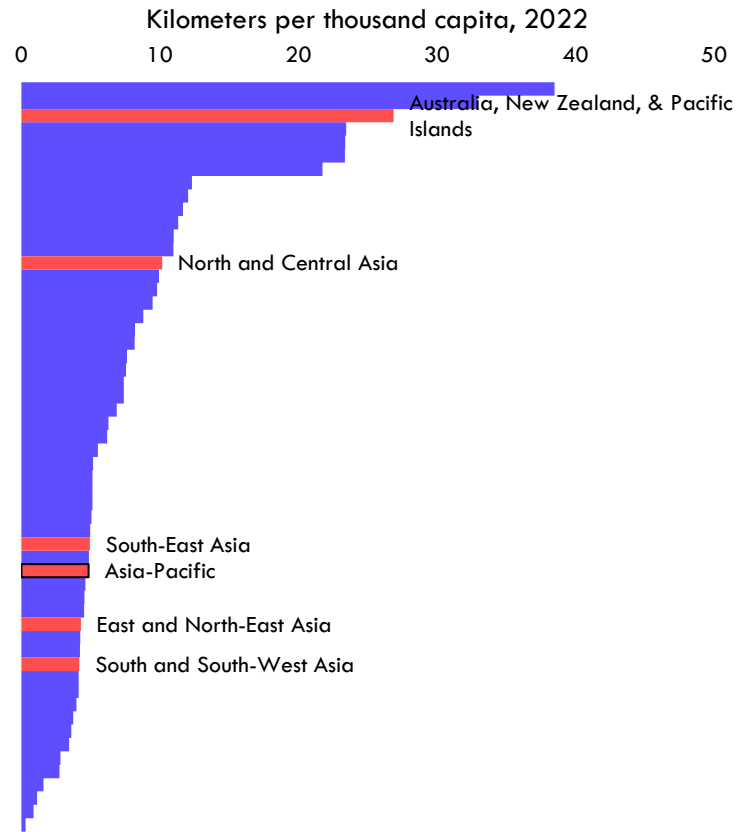


- Gender
- Air Pollution
- Logistics
- Automotive
- Active Transport
- SDG
- Multi-Modal
- Energy
- Urban
- Aviation
- Road Infrastructure & Operations

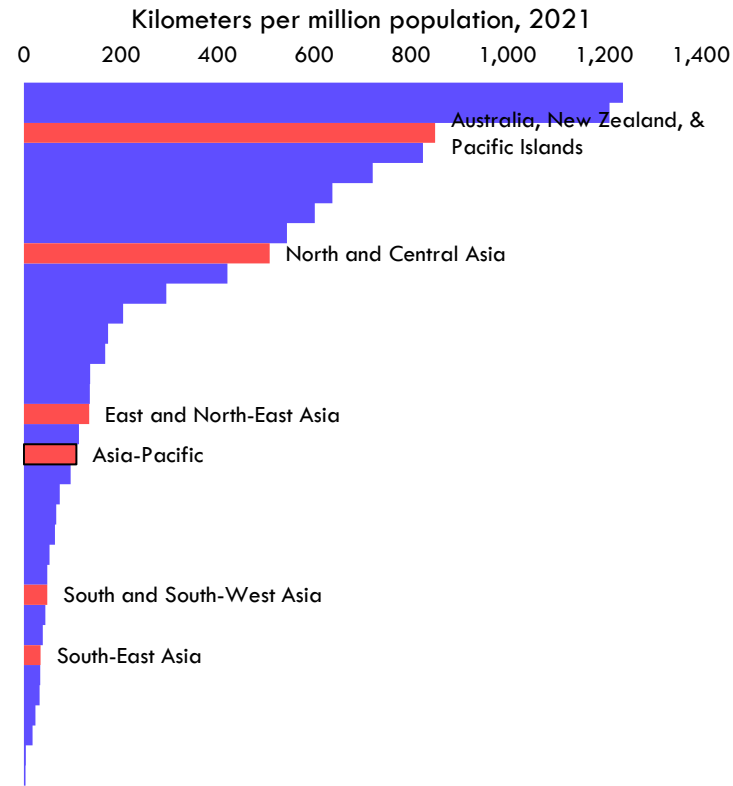
6,000+ total policy measures
 Recorded from 500+ policy documents
 for a sample of **25** economies.

Infrastructure gap across the region and across modes

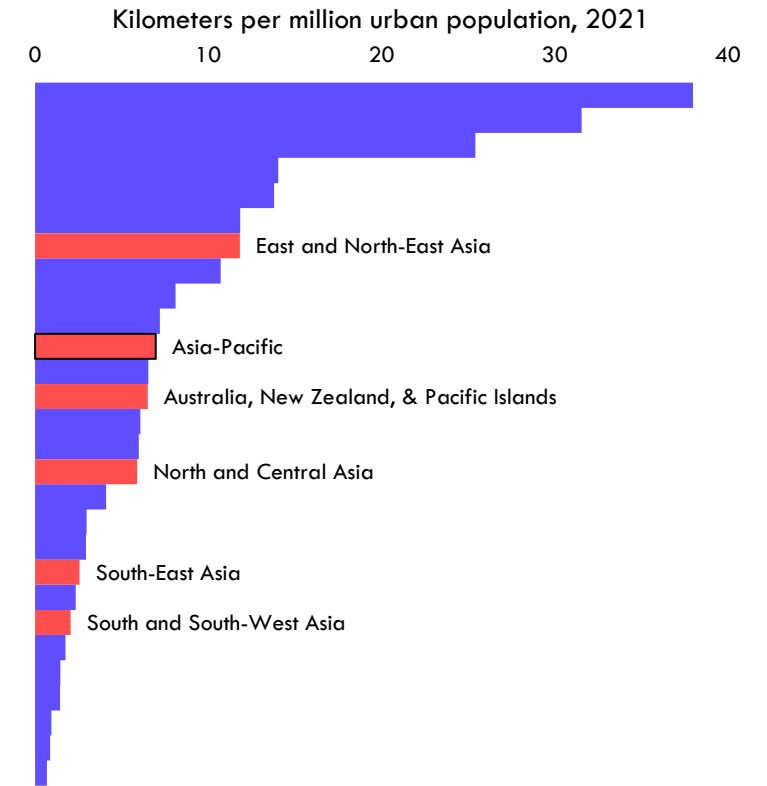
Road availability



Heavy rail (including HSR) availability



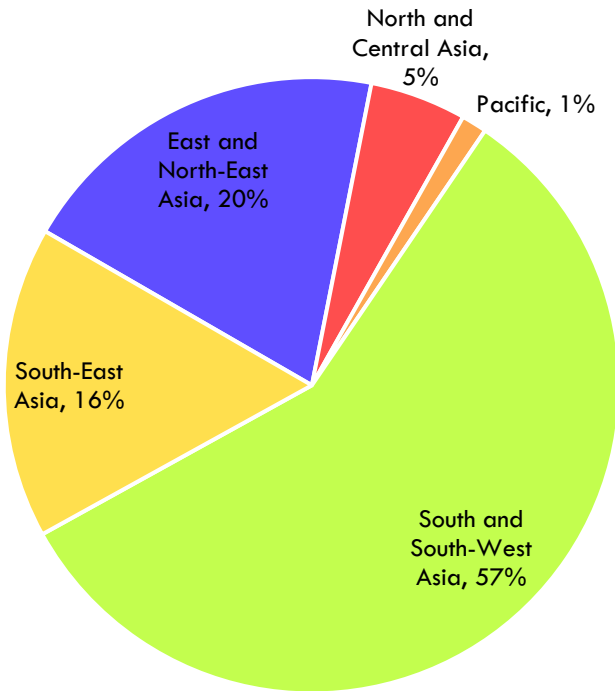
Rapid urban transit (BRT, LRT, metro) availability



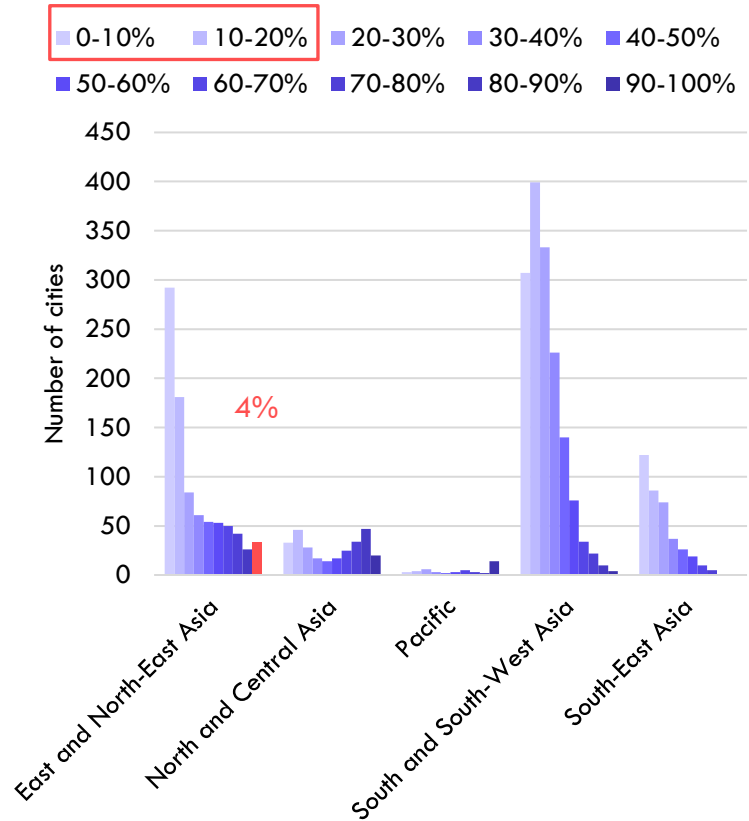
Source: Asian Transport Outlook analysis (Country Official Statistics; UIC; ITDP)

Disproportionate deficit on access

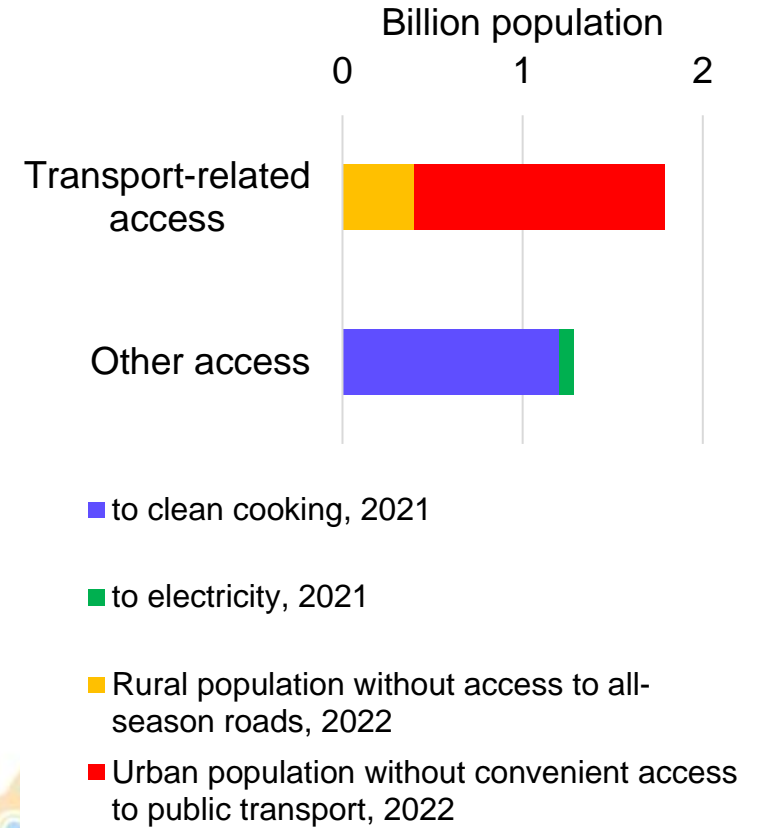
Population without access to all-season roads, share by subregion



Distribution of cities by level of access to public transport



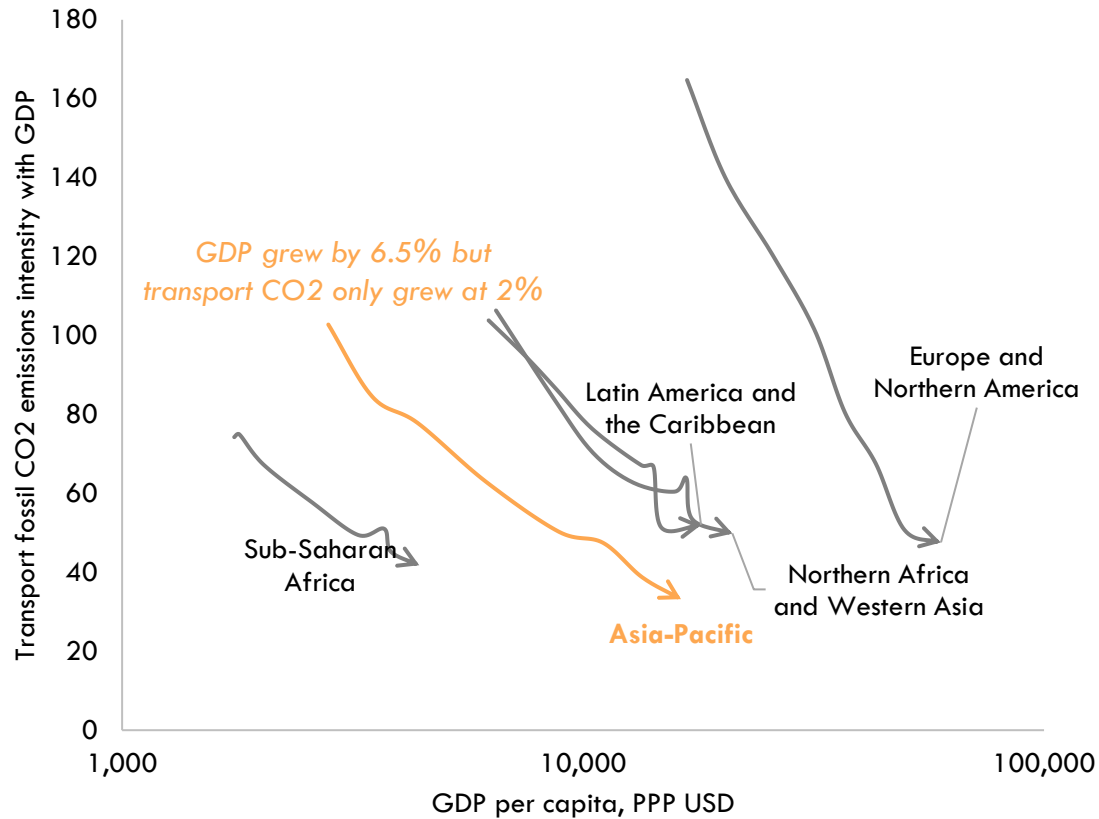
Population without access



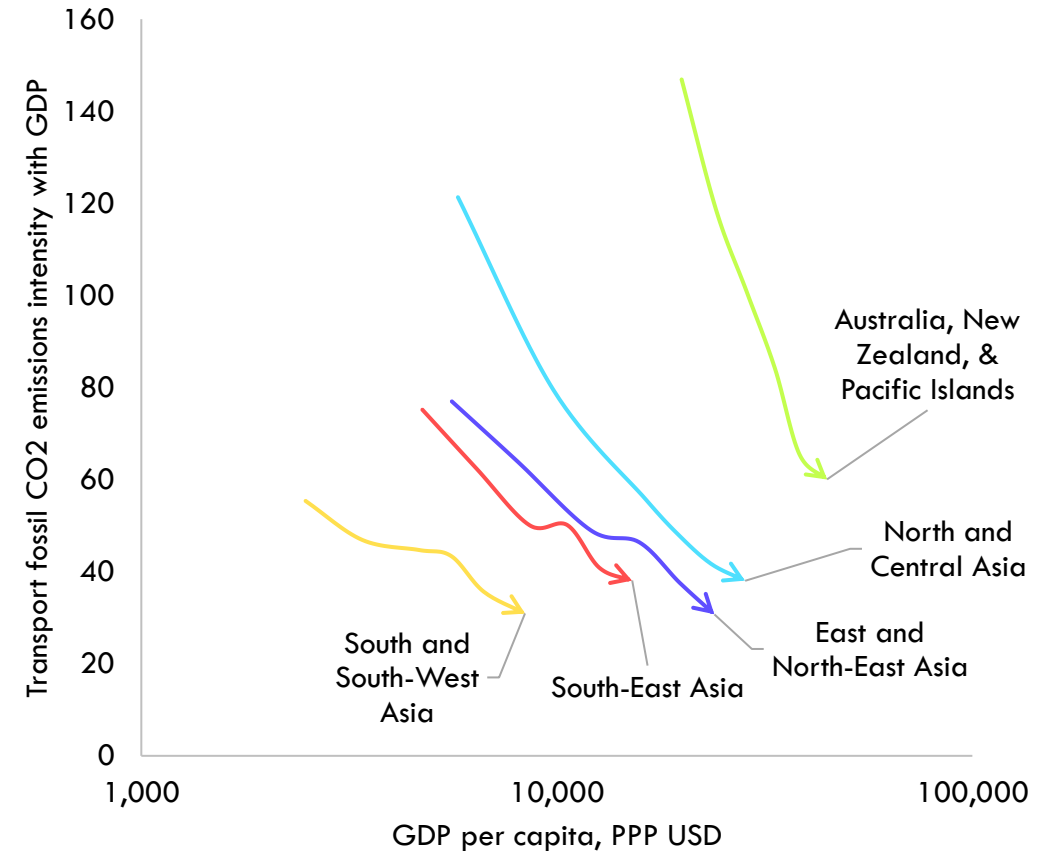
Source: Asian Transport Outlook analysis (CIESIN, 2023; UN)

Different pace at the decarbonization race

GDP per capita vs. transport CO2 emissions intensity with GDP (1990-2022)



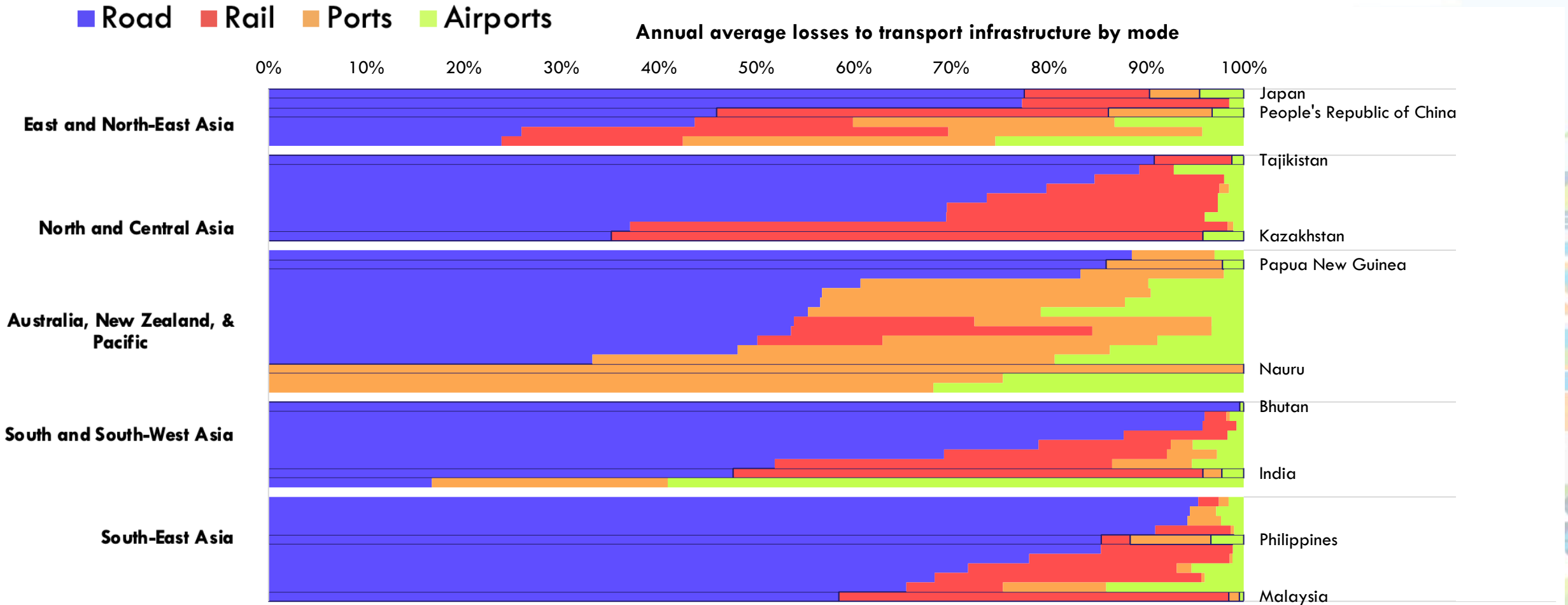
(at the subregional level)



Share of transport in fossil CO2 emissions varies across countries from 7% to 40%

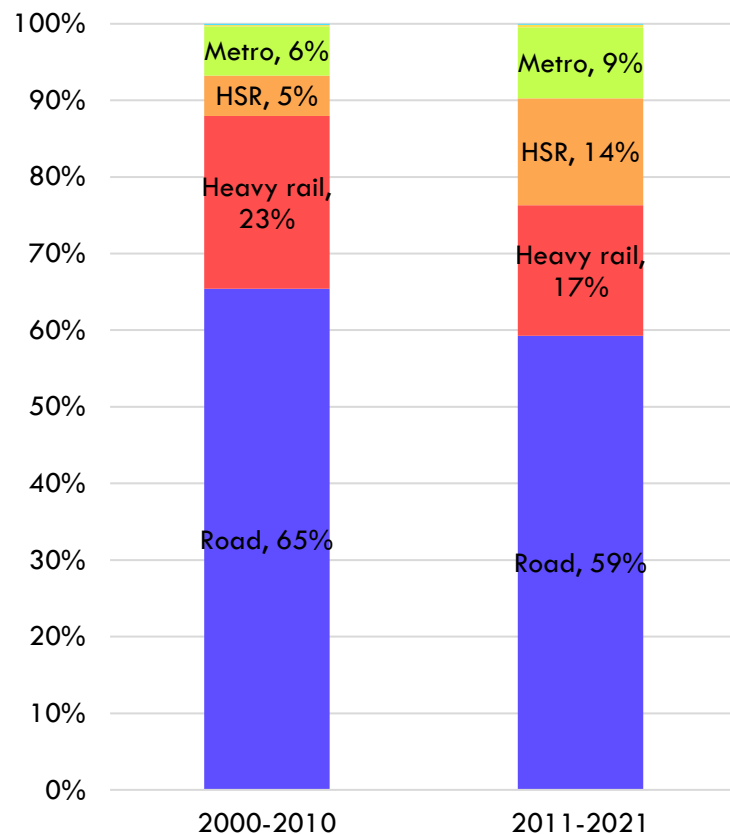
Sensitivity to hazards vary across modes

Asia has 38% of world's transport infrastructure, but will potentially face 68% of global damages

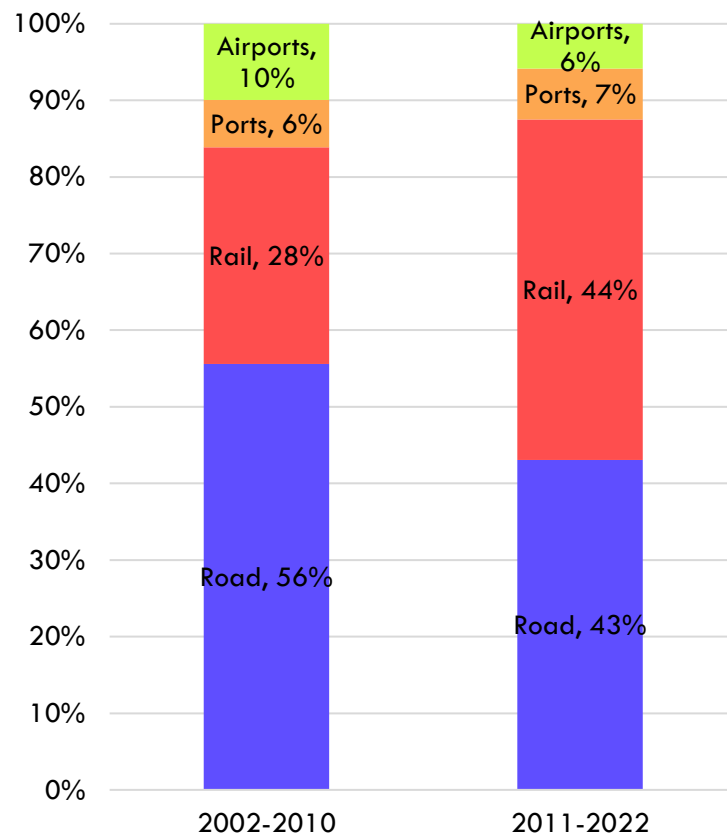


Investment shift towards low-carbon

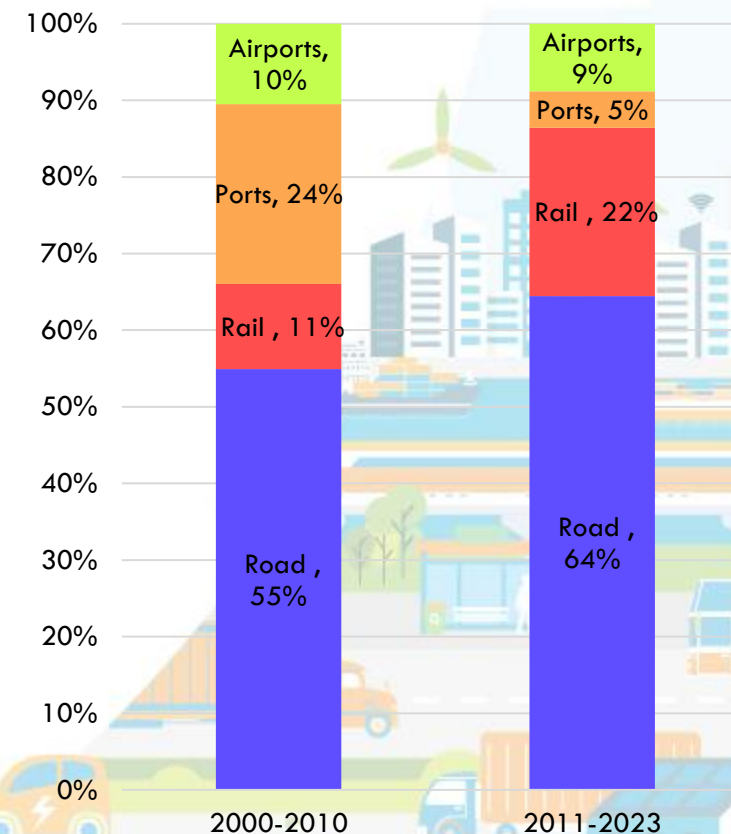
Transport infrastructure investments (construction + maintenance)



Official development assistance in the transport sector



Public-private partnership investments in the transport sector

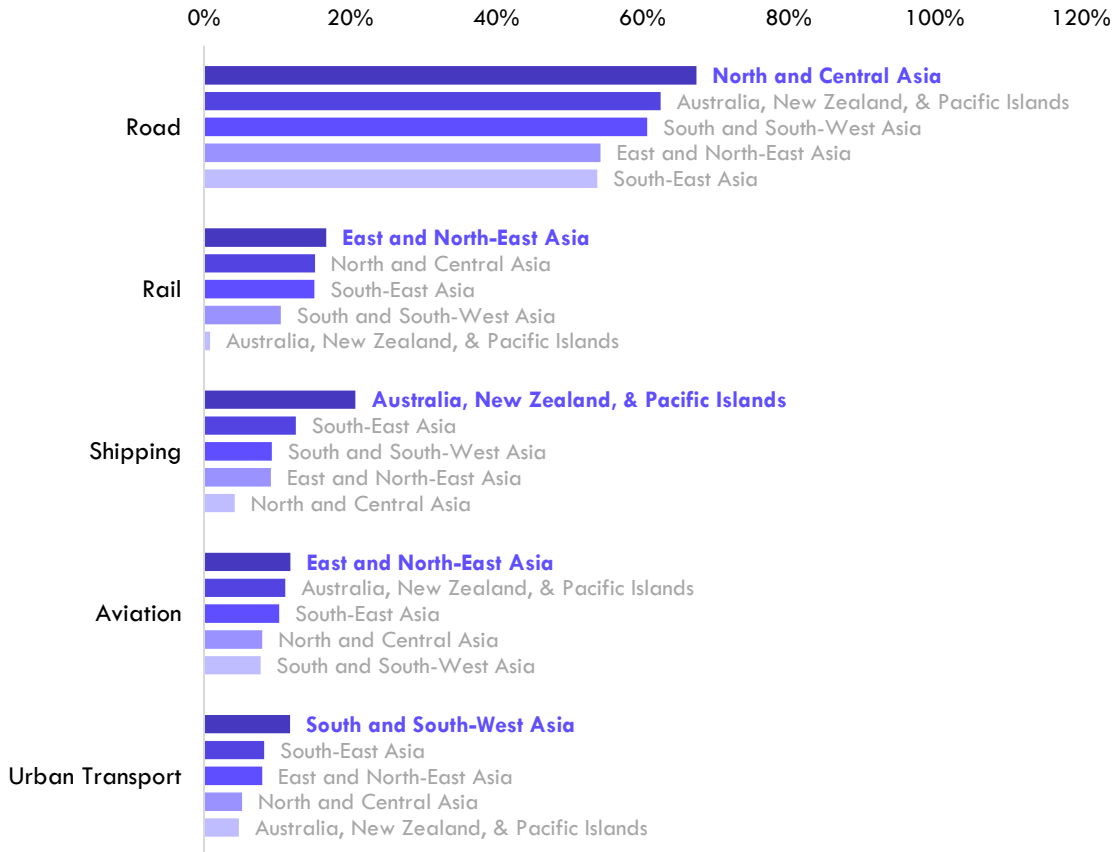


Source: Asian Transport Outlook analysis (Country Official Statistics; World Bank PPI, 2023; OECD, 2023)

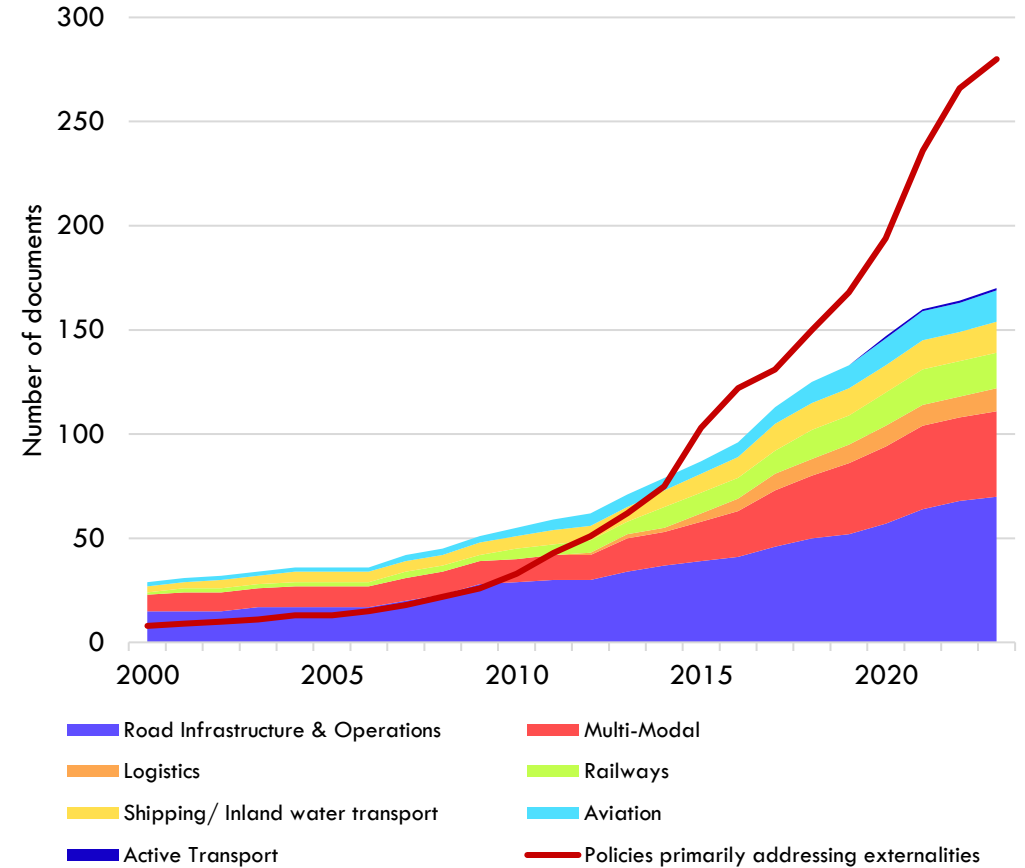
Policy ambition and focus as key driver of the shift

Based on a sample of 25 economies.

Share of transport-related policy measures by mode



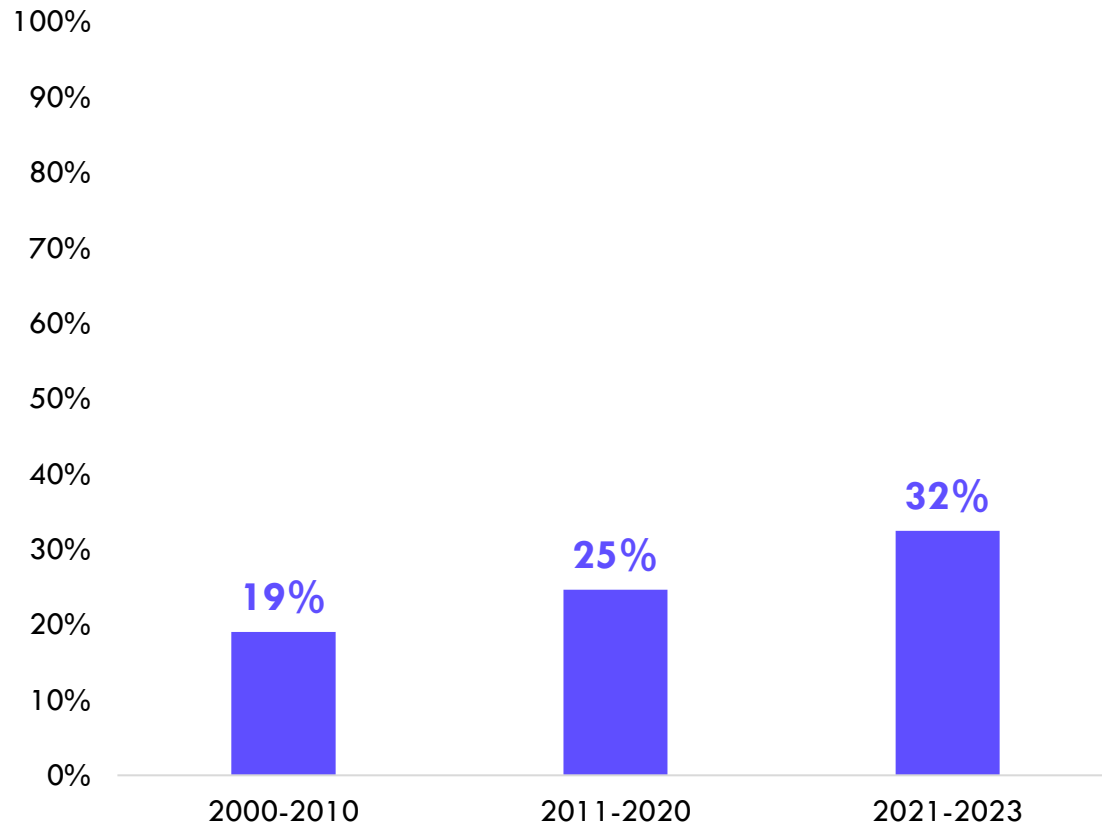
Transport policy documents by theme



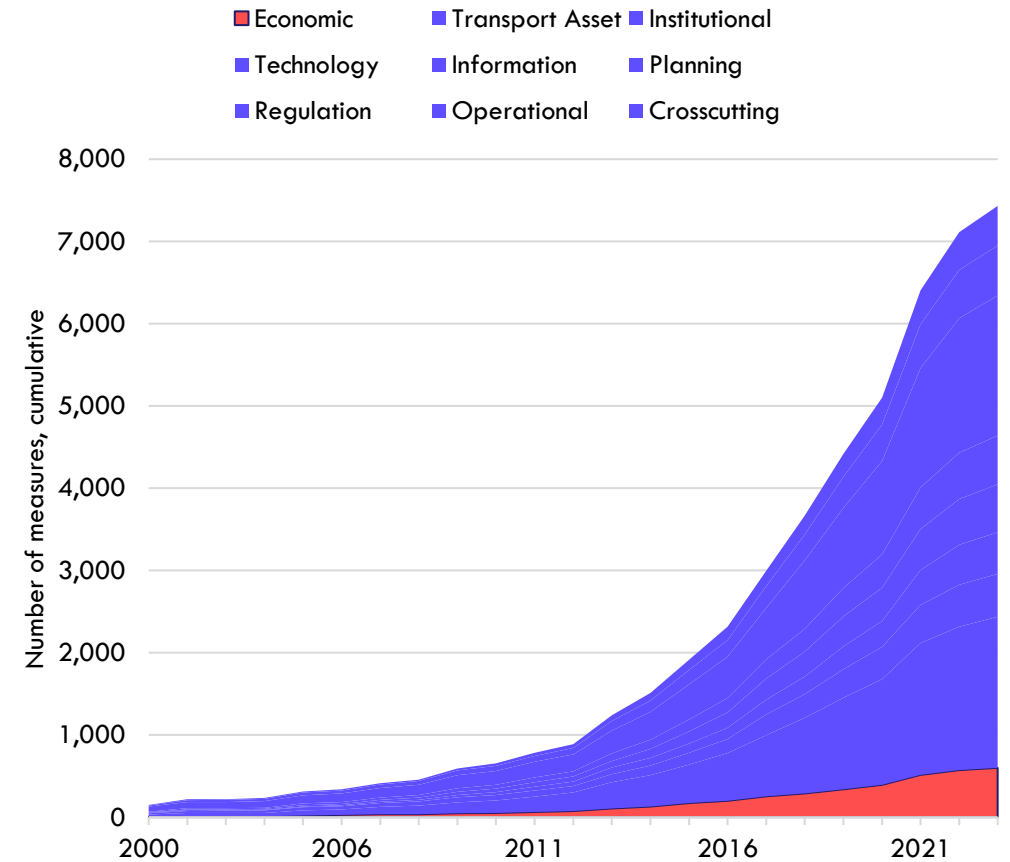
Source: National Policies

Countries waking up to the challenge

Share of documents with reference to investment for climate change mitigation

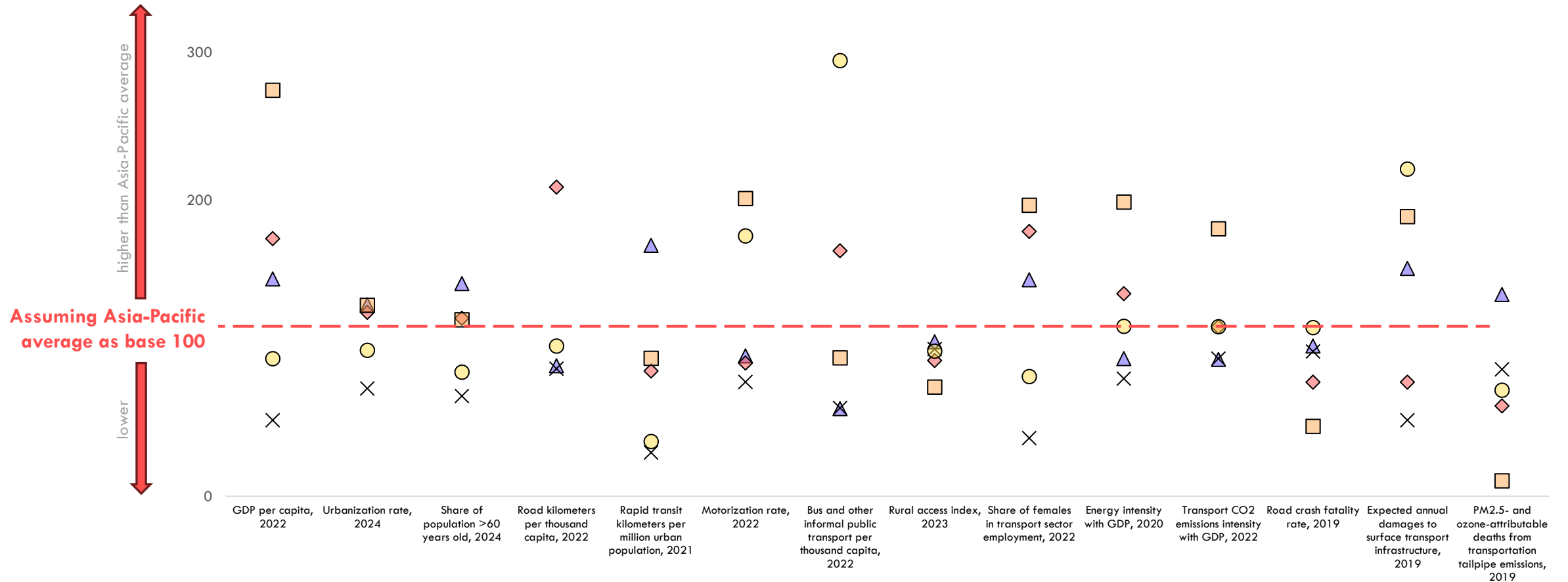


Climate change mitigation and adaptation measures



Source: National Policies

- △ East and North-East Asia
- ◇ North and Central Asia
- Australia, New Zealand, & Pacific Islands
- × South and South-West Asia
- South-East Asia



***“ATO translates data into insights,
policies, and investments”***

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