



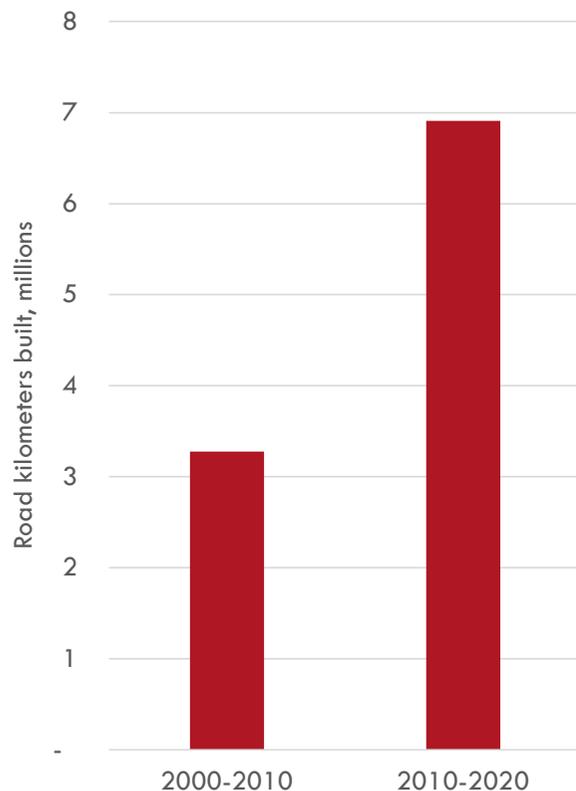
INFRASTRUCTURE STATE OF PLAY

Is Asia on track to realize the building of national road and rail infrastructure required to improve national access and connectivity?

25 Oct. 2023

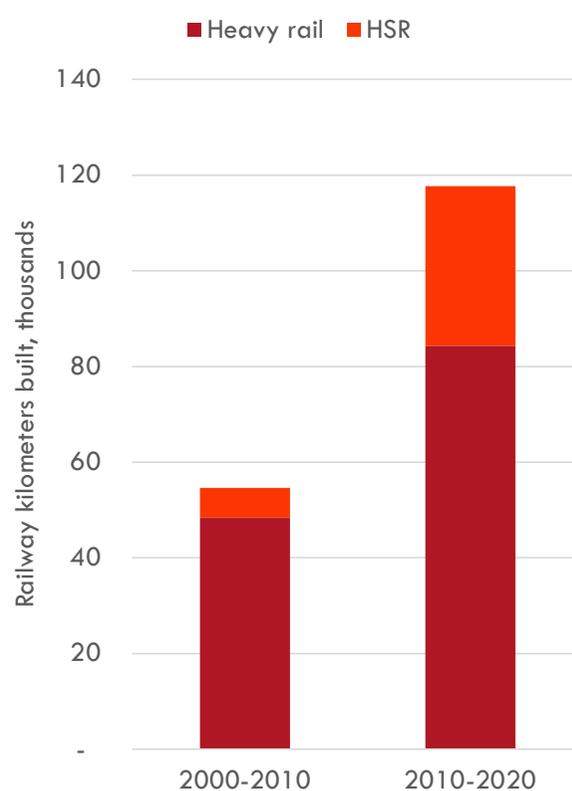
UNPRECEDENTED INFRASTRUCTURE EXPANSION

Road infrastructure expansion rate in EST economies



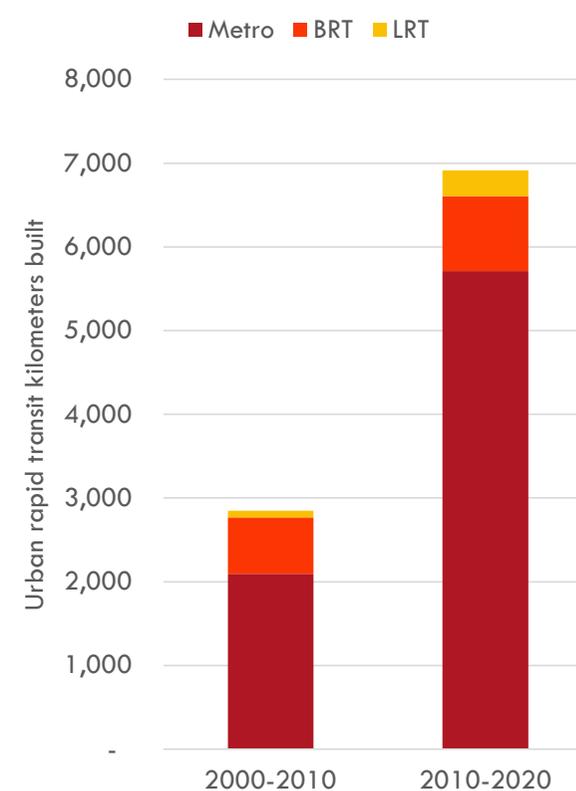
Source: ATO (IRF, Country Statistics)

Railway infrastructure expansion rate in EST economies



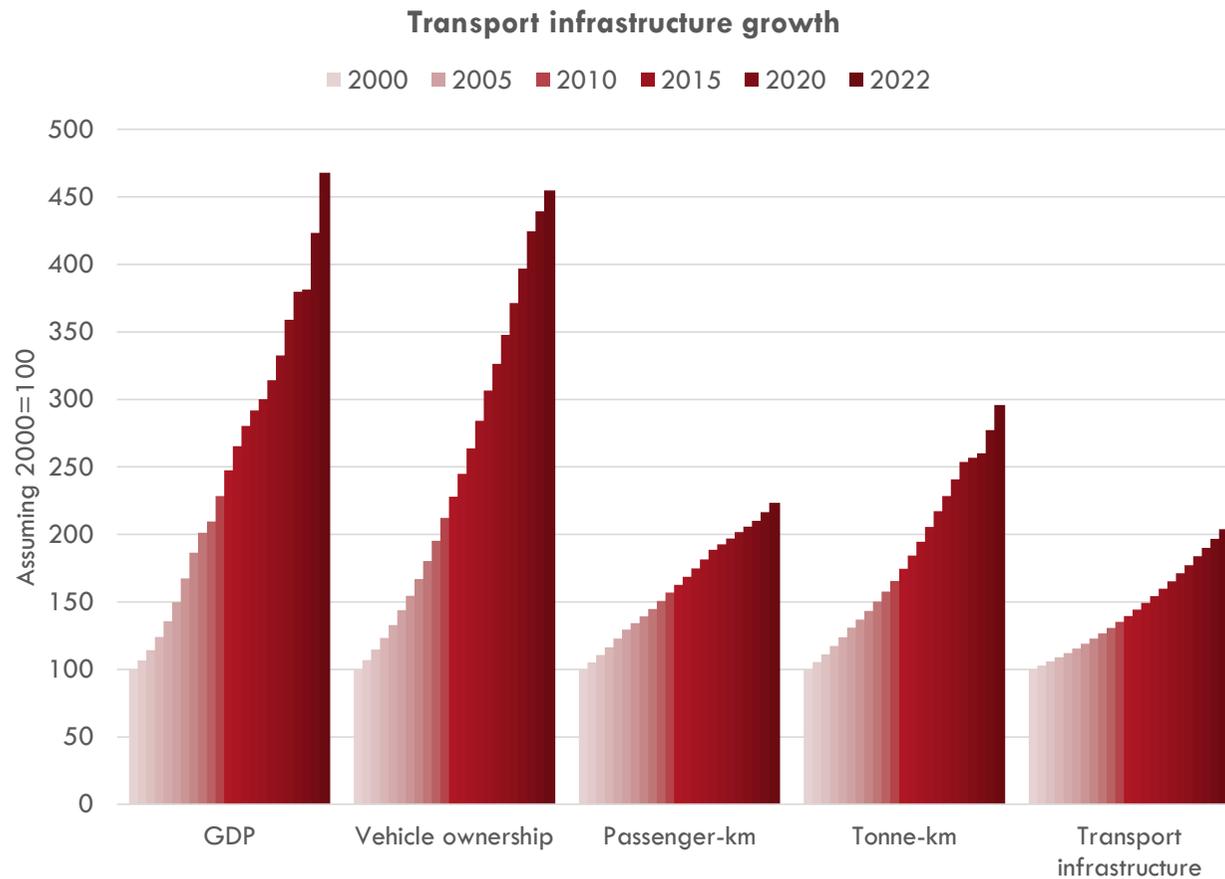
Source: ATO (UIC, Country Statistics)

Urban rapid transit infrastructure expansion rate in EST economies



Source: ATO (ITDP)

DRIVERS OF TRANSPORT



Source: ATO

Goal 4 - Rural access



Realize accessible, inclusive, safe, affordable, and resilient rural transport infrastructure and services

(Based on SDG 2 and SDG 9.1).

Goal 5 - Urban access



Ensure access to accessible, inclusive, safe, efficient, affordable, and sustainable transport facilities, systems, and services

(Based on SDG 11.2 and 11.7).

Goal 6 - National access and connectivity

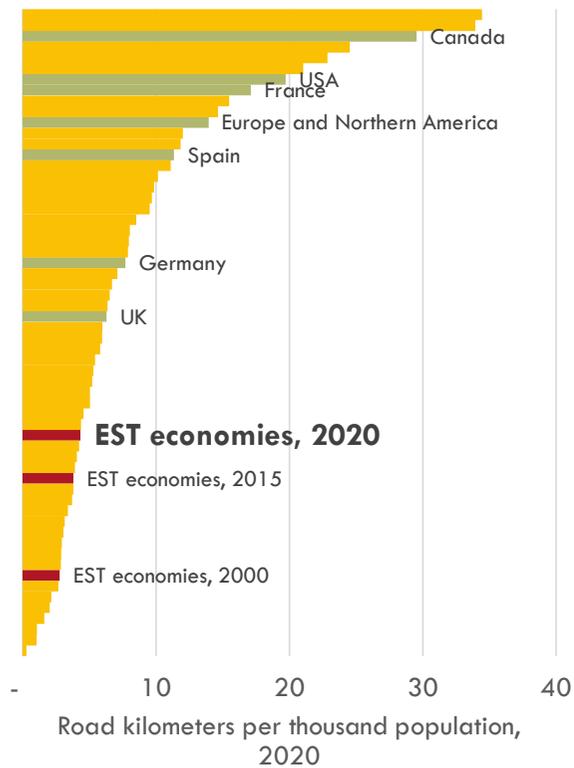


Facilitate inclusive multi-modal national (including rural urban) and regional (cross-border) connectivity

(Based on SDG 9.1).

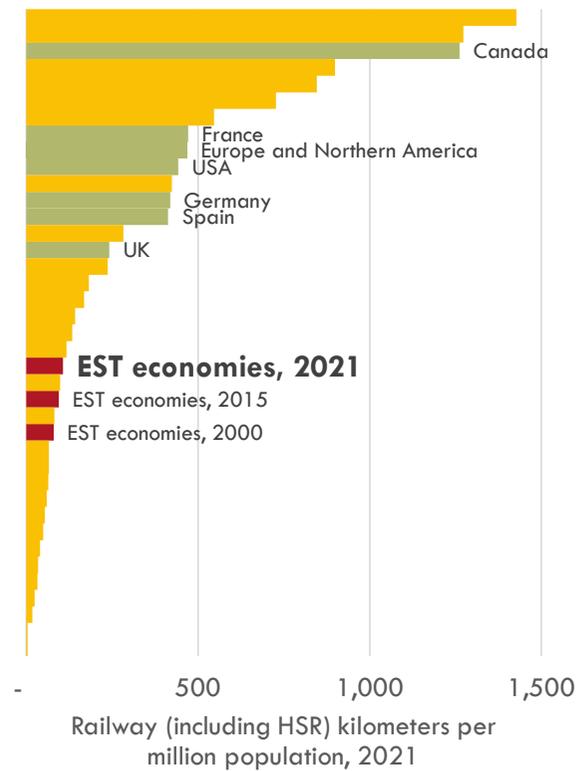
INFRASTRUCTURE GAP

Road infrastructure availability in Asia-Pacific



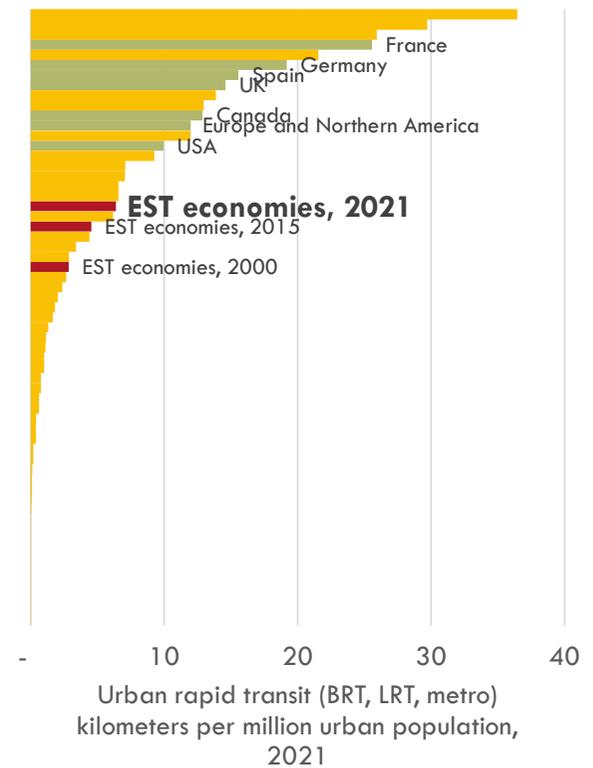
Source: ATO (IRF, UNSD)

Railway infrastructure availability in Asia-Pacific



Source: ATO (UIC, UNSD)

Urban rapid transit availability in Asia-Pacific



Source: ATO (ITDP, UNSD)

ACCESS GAP

1.3 Billion
urban population
without access to
public transport

400 Million
rural population
without access to
all-season roads

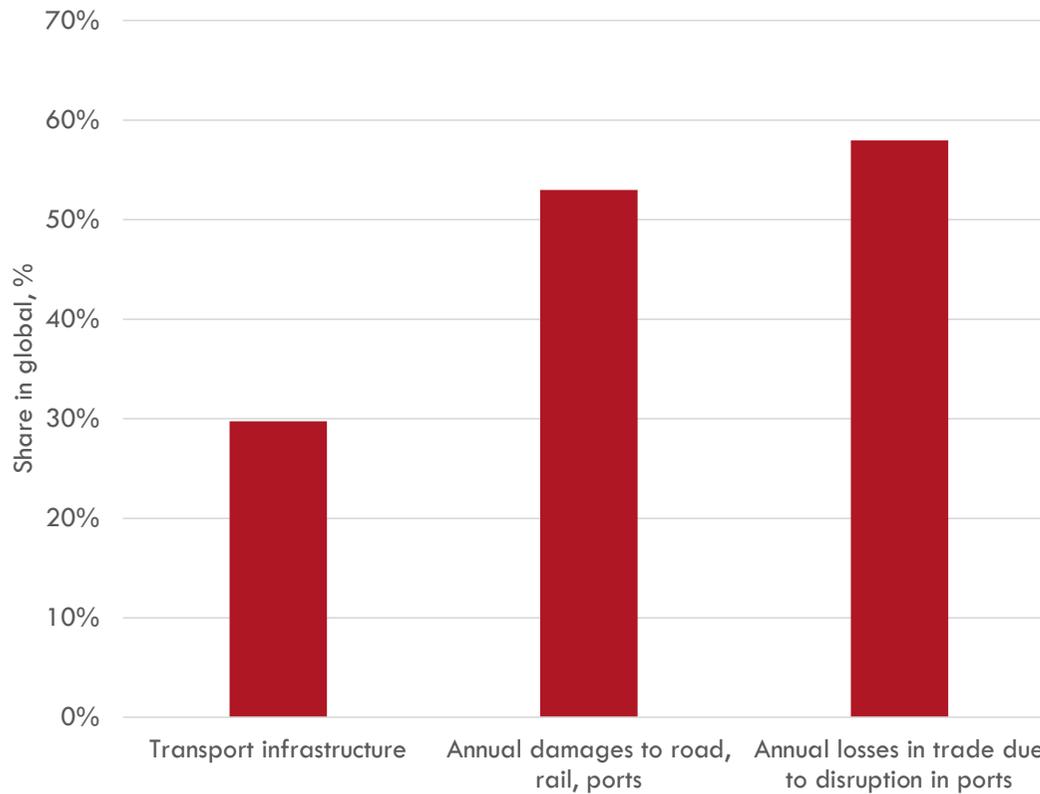
1.7 Billion Access Gap
38% of Asia lacks access to reliable
transportation



Source: (UNStats, SDSN)

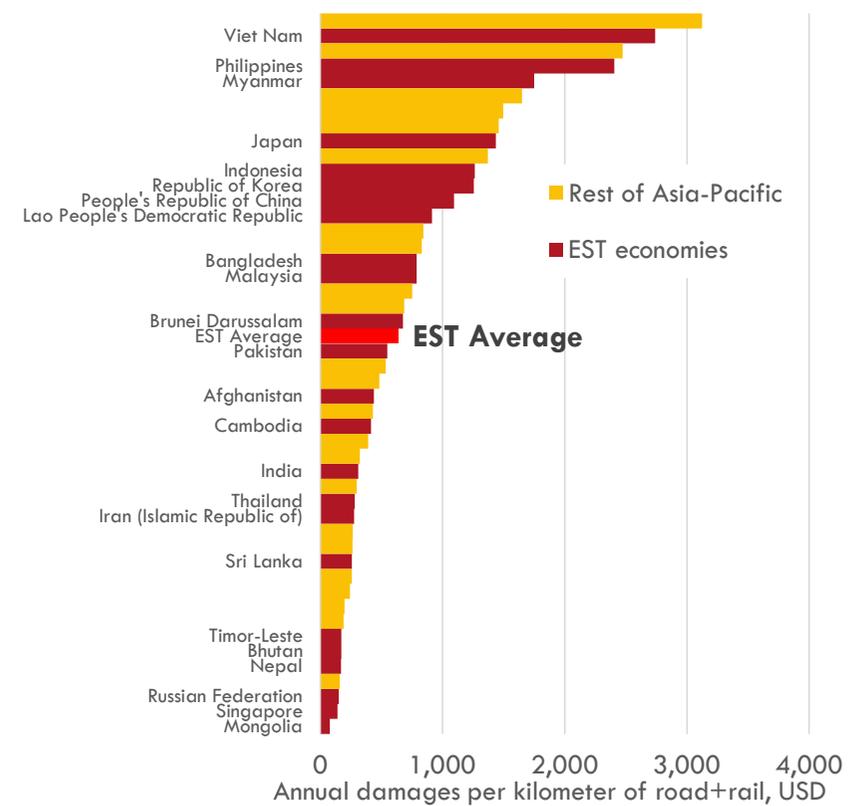
RESILIENCE GAP – CONNECTIVITY AT RISK

Share of EST economies transport infrastructure vs. potential damages due to hazards



Source: ATO (IRF, UIC, ITDP, Koks et al., Verschuur et al.)

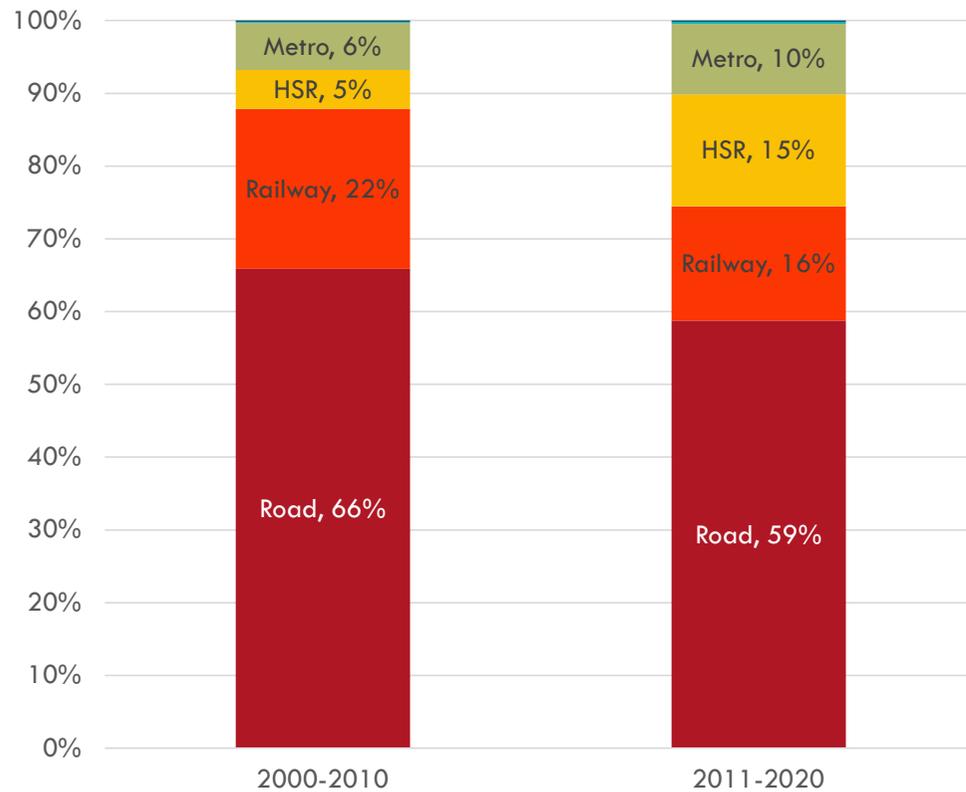
Expected annual damages to road and rail infrastructure due to hazards per kilometer



Source: ATO (Koks et al.)

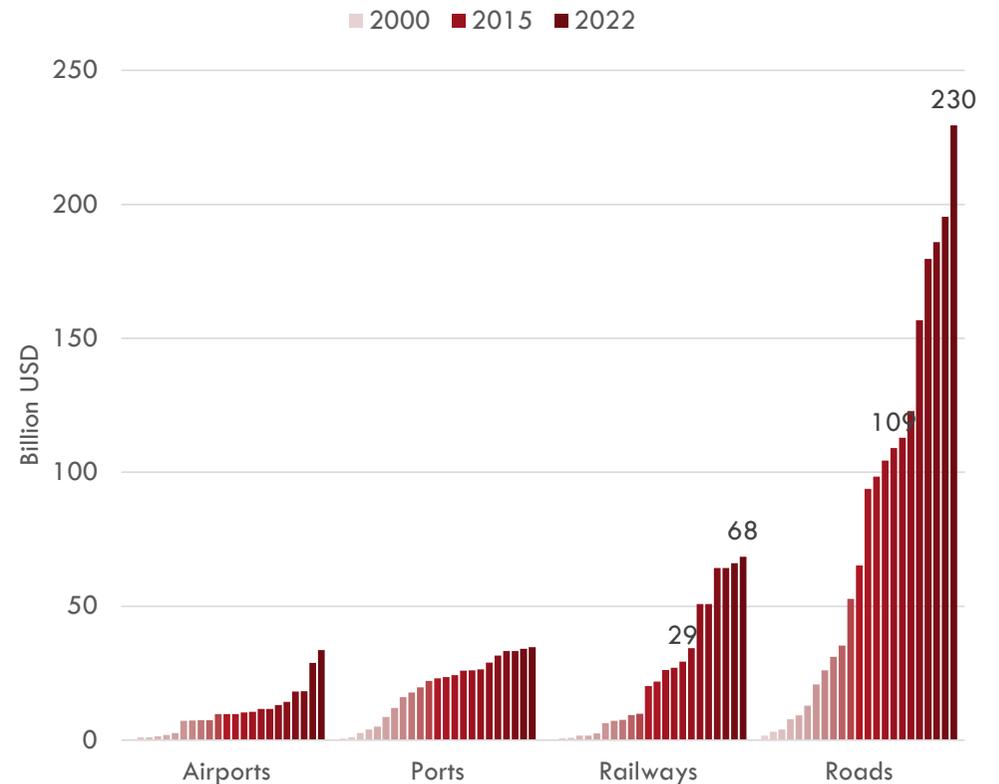
TRANSPORT INFRASTRUCTURE INVESTMENTS

Transport infrastructure investment share in EST economies



Source: ATO

Cumulative transport public-private partnerships investments in EST economies



Source: ATO (World Bank)

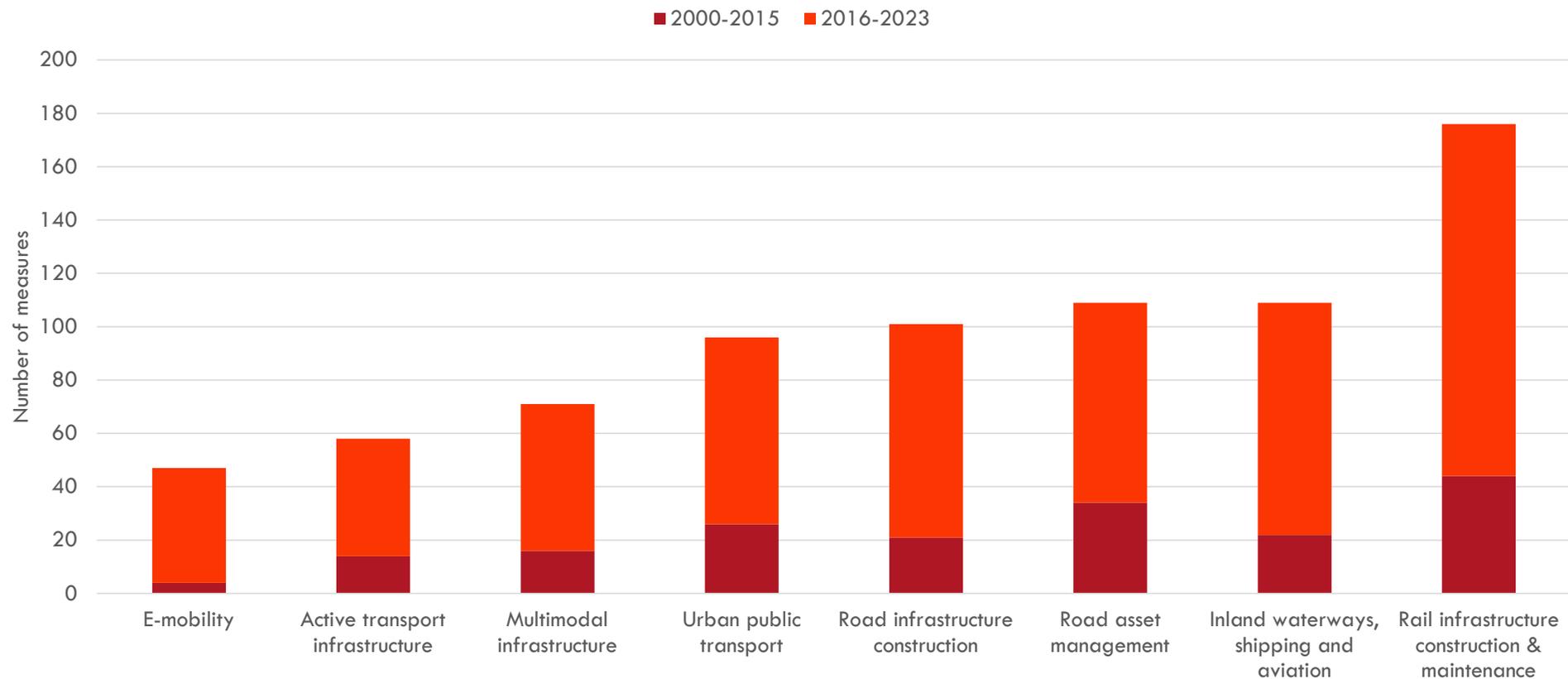
TRANSPORT POLICIES AND MEASURES

(based on a survey of 15 economies)



MAIN POLICY PRIORITIES OF THE REGION

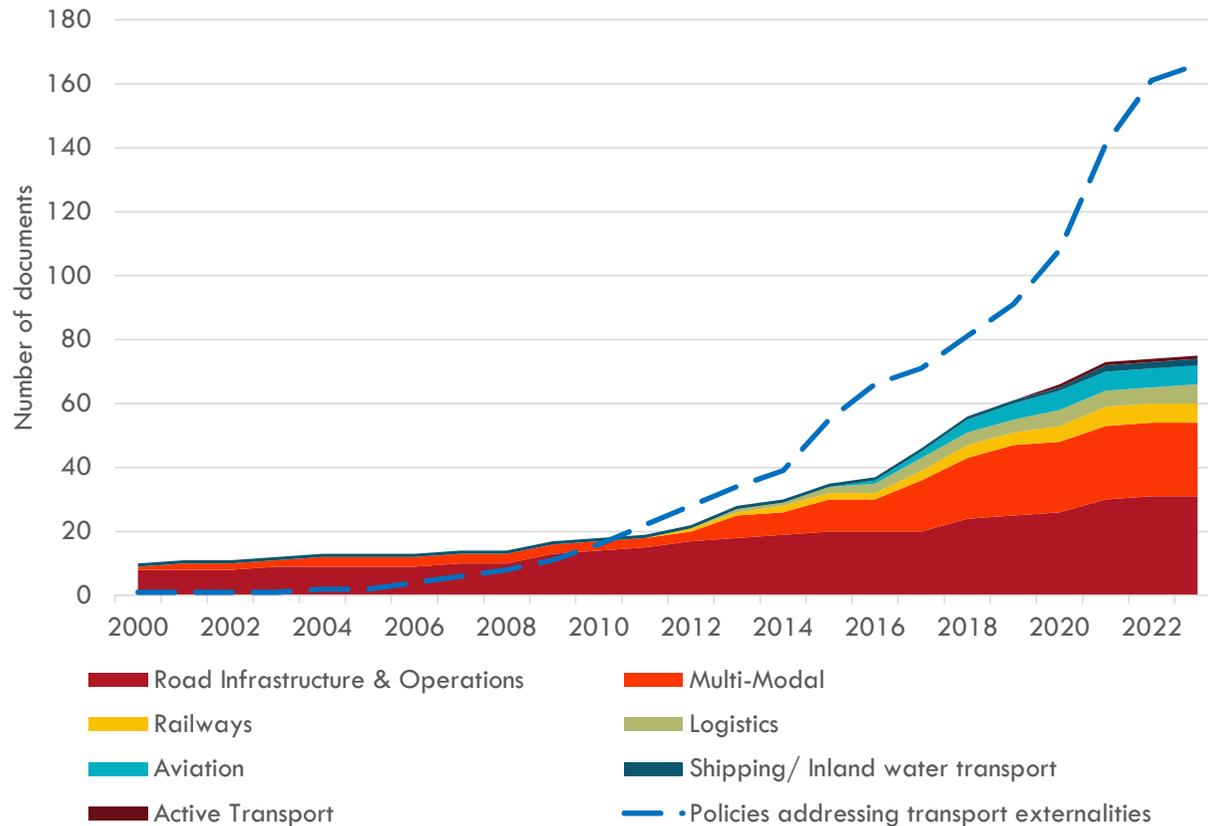
Infrastructure measures by sector/mode



Source: ATO (National Policies)

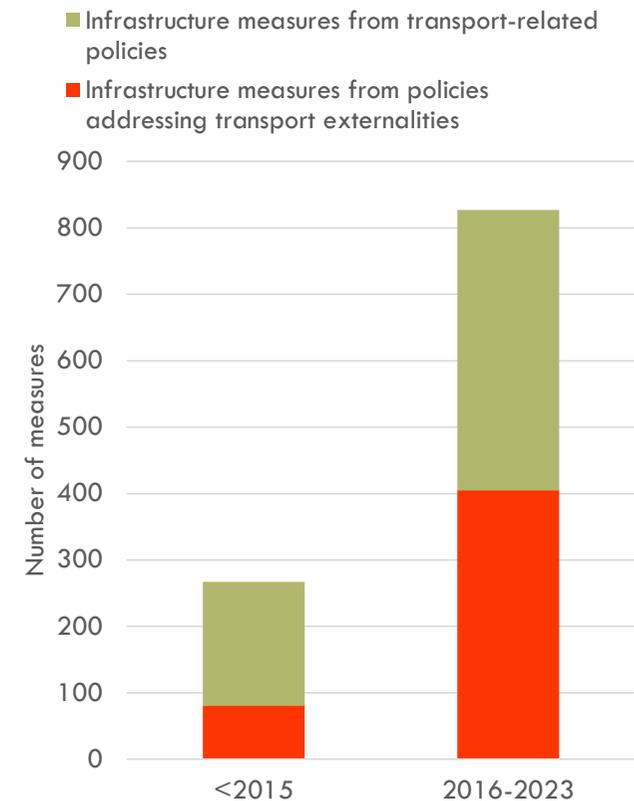
DRIVERS OF TRANSPORT POLICY – A MAJOR SHIFT

Transport-related policy documents from 15 economies



Source: ATO (National Policies)

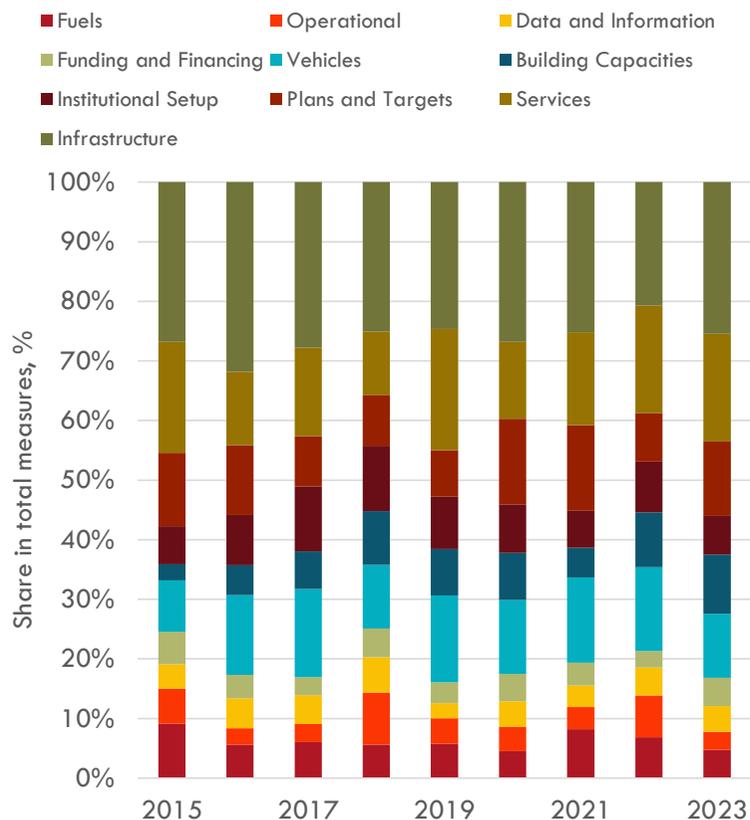
Infrastructure measures grouped by source document



Source: ATO (National Policies)

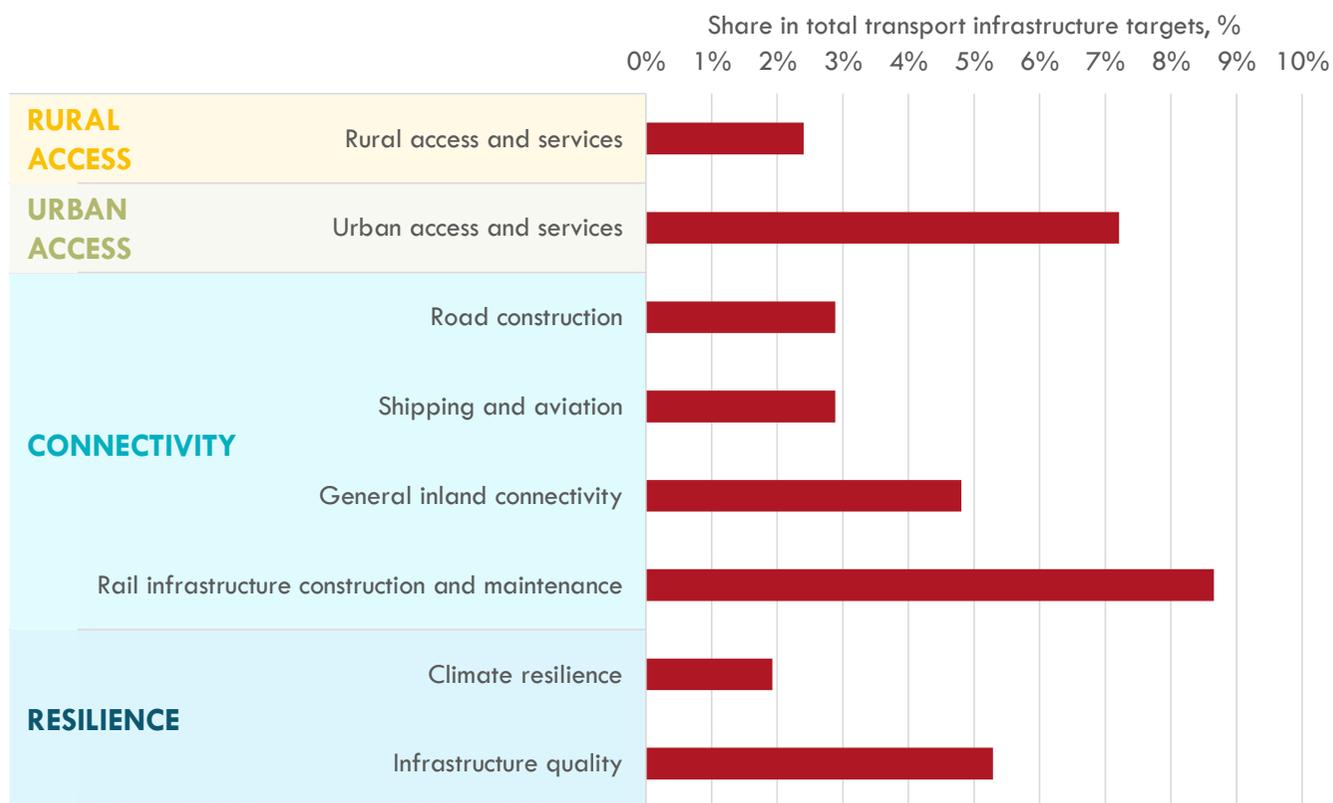
SHIFT IN DRIVERS = INCREASE IN DIVERSITY

Types of transport measures



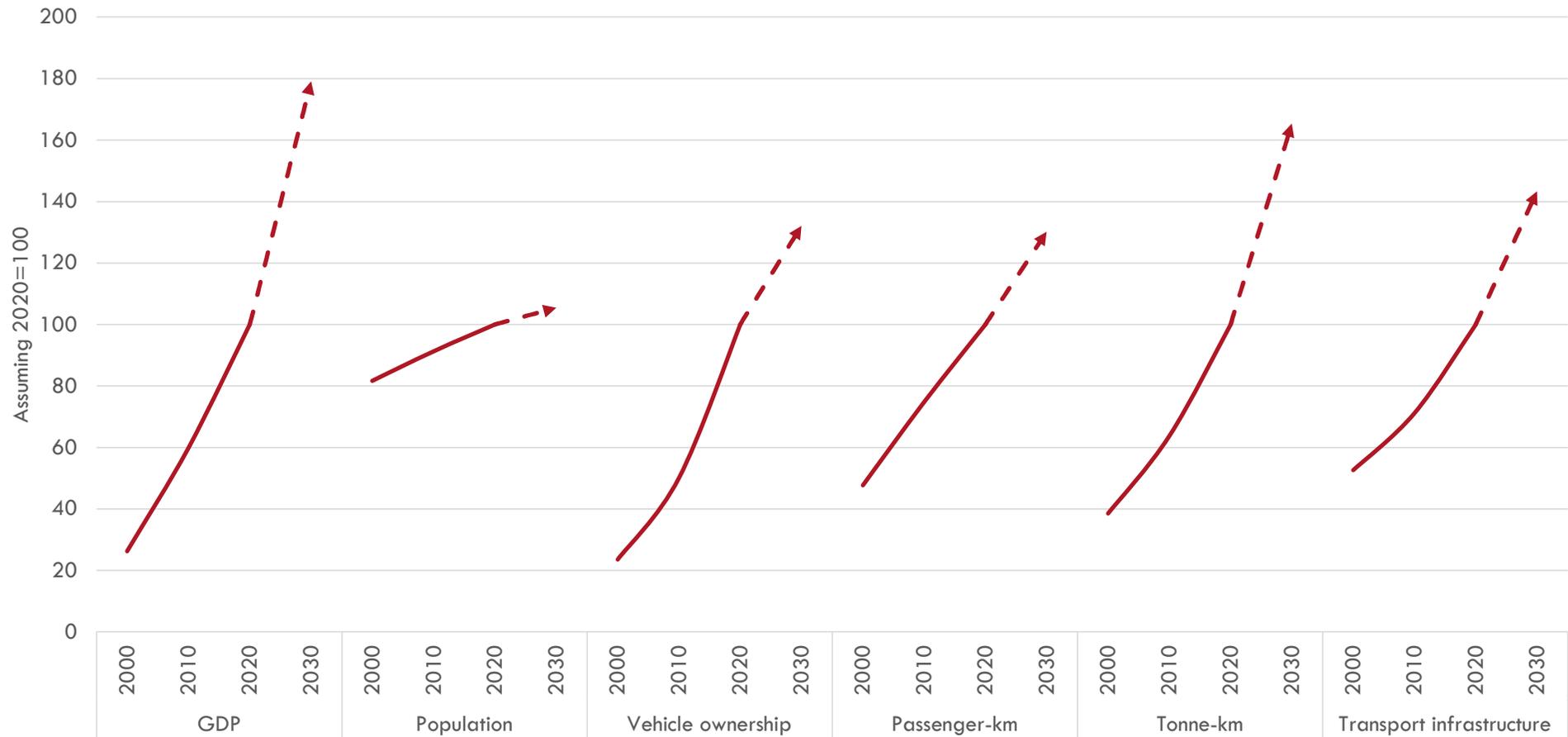
Source: ATO (National Policies)

Transport infrastructure targets



Source: ATO (National Policies)

WAY FORWARD FOR EST ECONOMIES



Source: ATO

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

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