



PARIS PROCESS
ON MOBILITY AND CLIMATE



Transport and Climate Change in the Asia/Pacific Region

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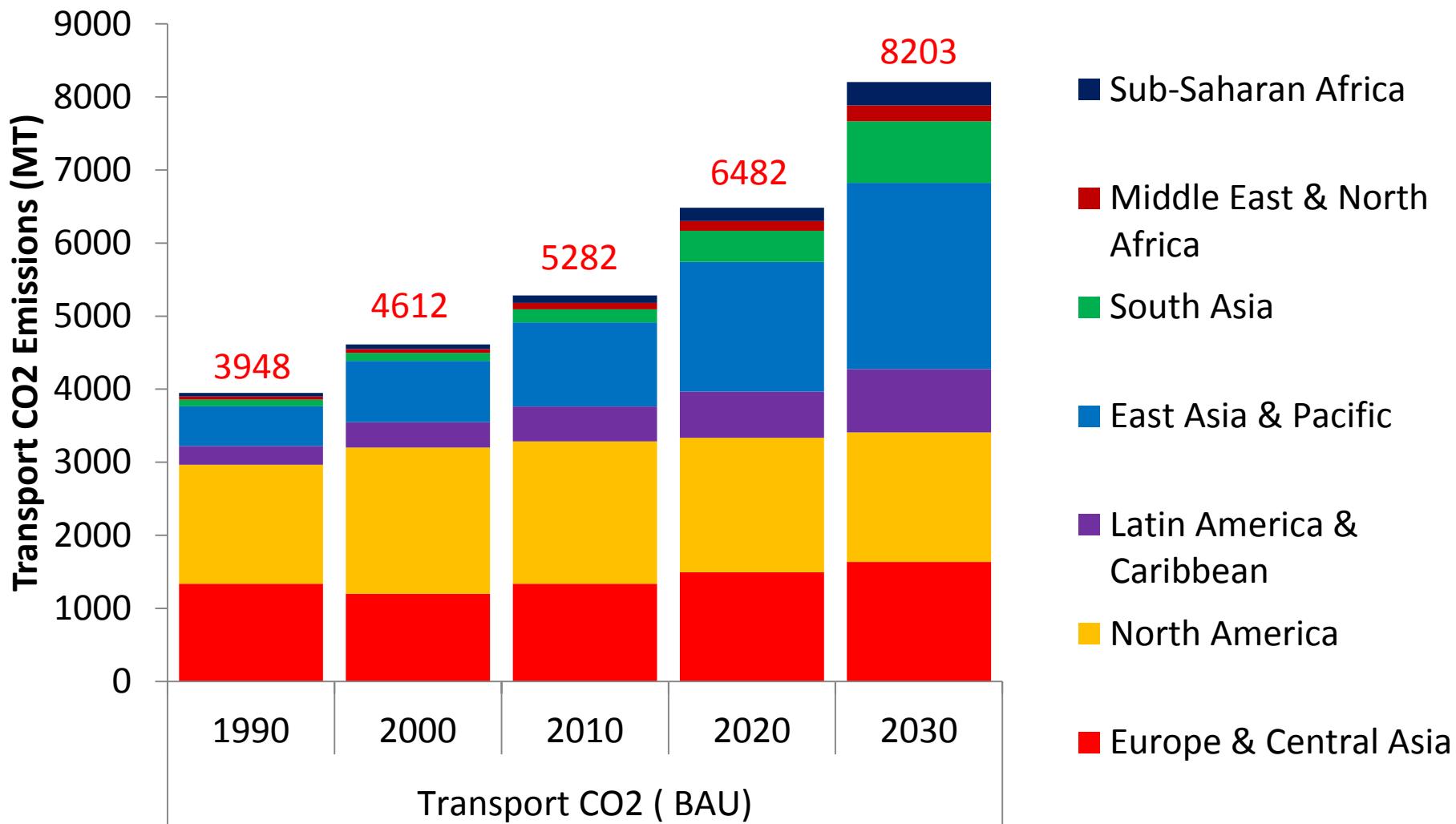
9th UNCRD EST Forum

Kathmandu, Nepal

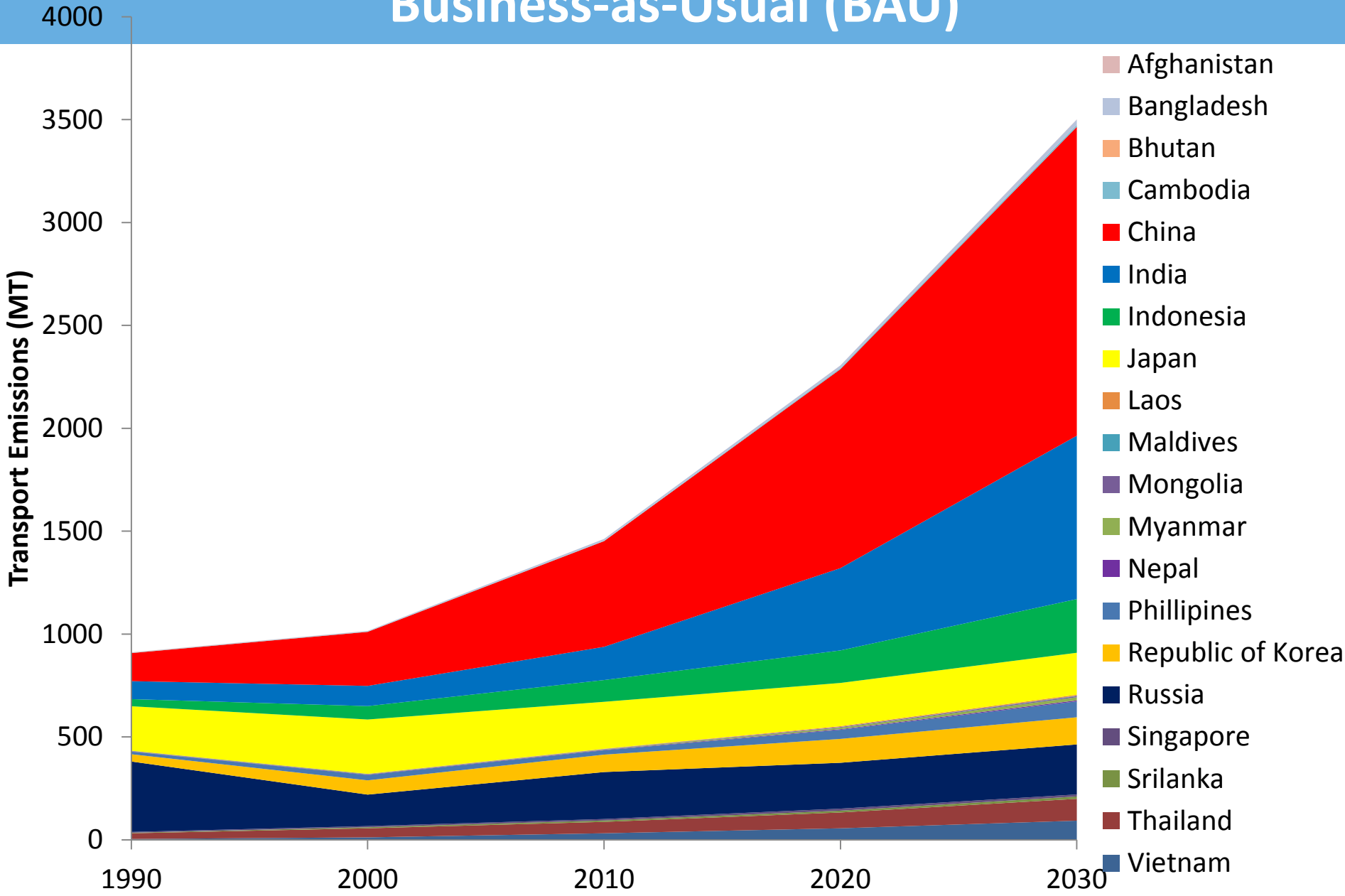
November 2015

Transport Emissions Trends in EST Region

Transport Emissions Growth in INDC countries Business as Usual (BAU)



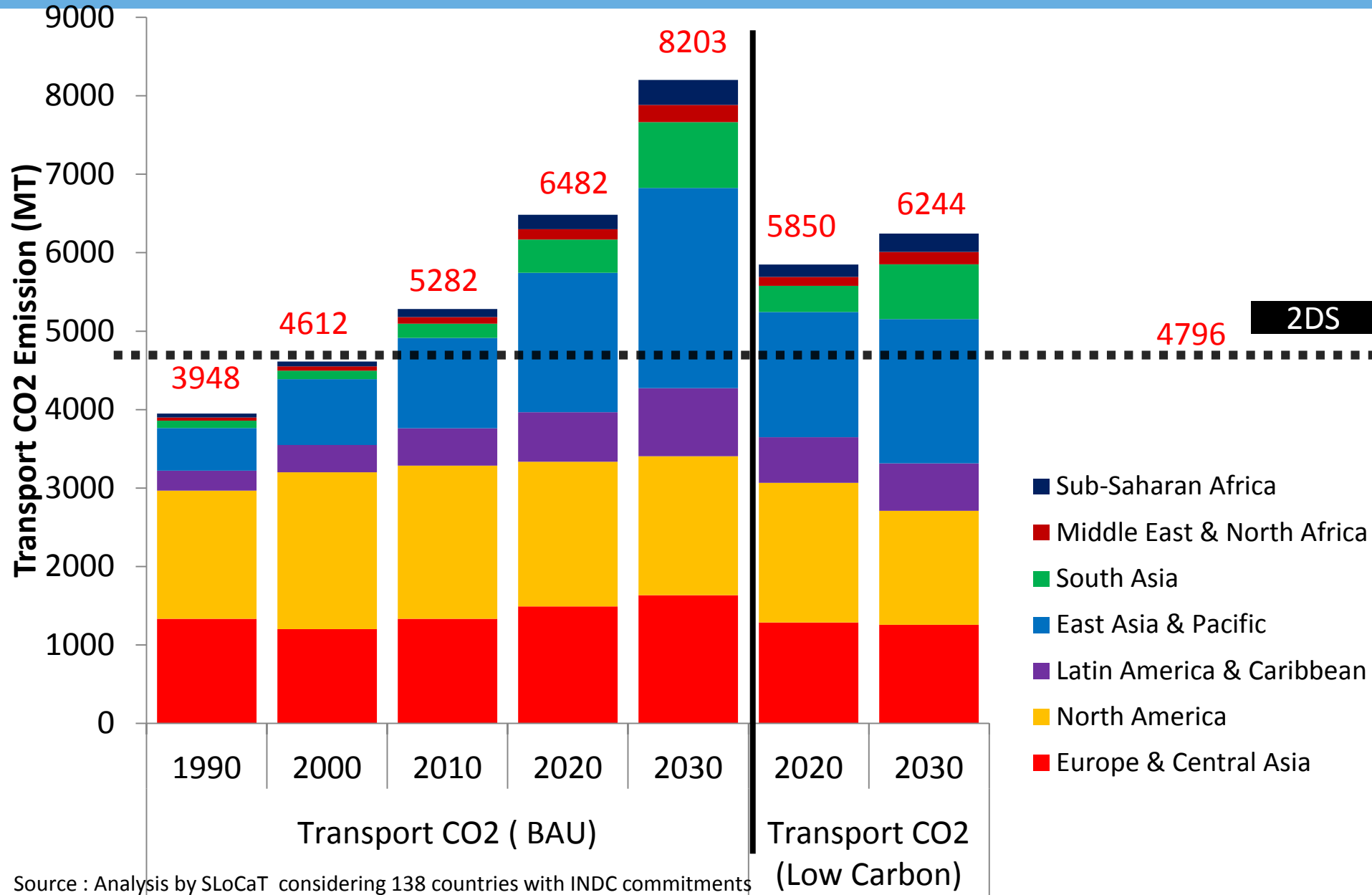
Transport Emissions Growth in EST countries Business-as-Usual (BAU)



Source : Analysis by SLoCaT considering 138 countries with INDC commitments

Transport Emissions Mitigation Potential in INDC Countries

Low-Carbon Scenario



Source : Analysis by SLoCaT considering 138 countries with INDC commitments

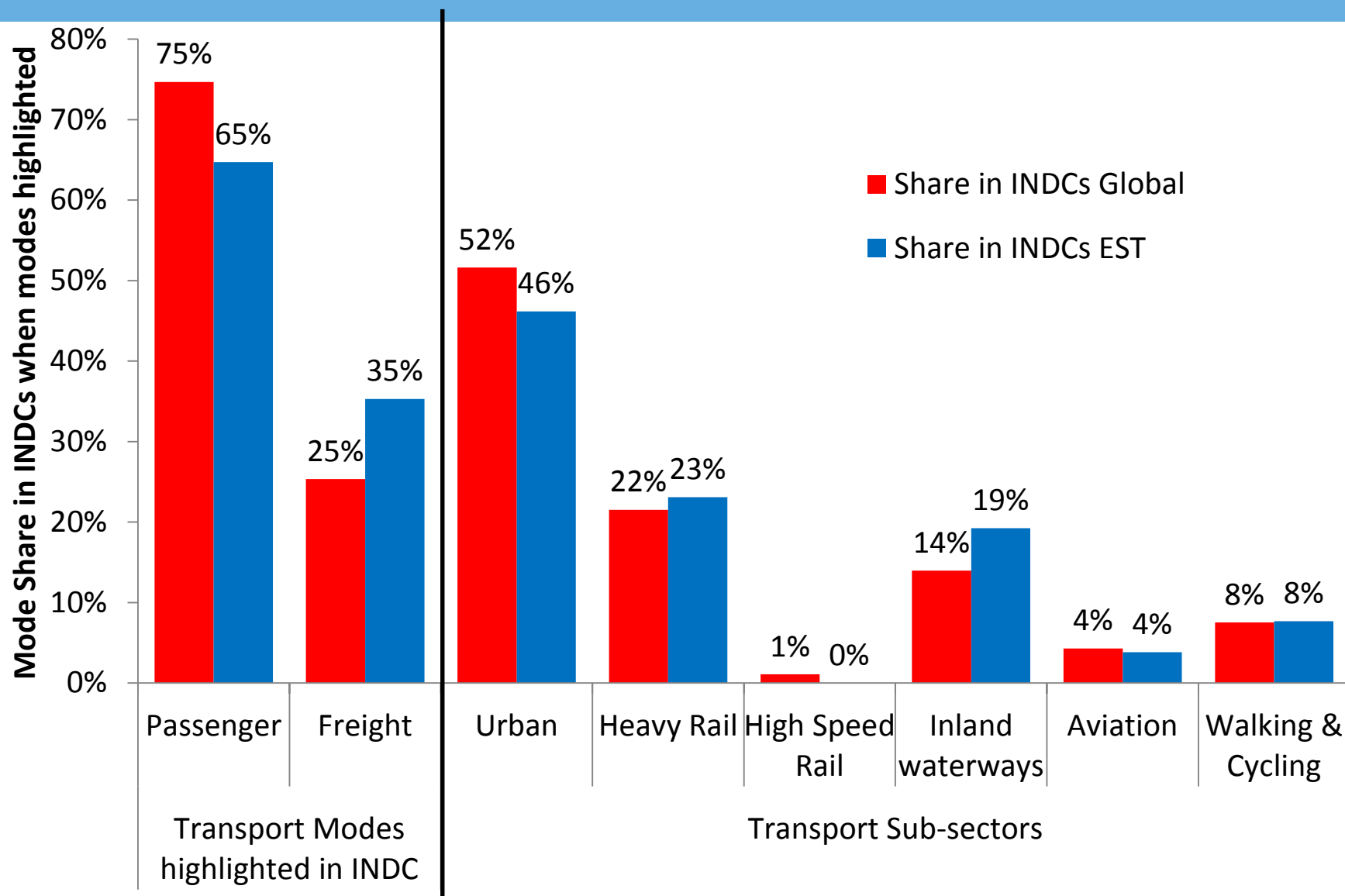
Intended Nationally-Determined Contributions (INDCs) in EST Region

Treatment of Transport Sector in INDCs

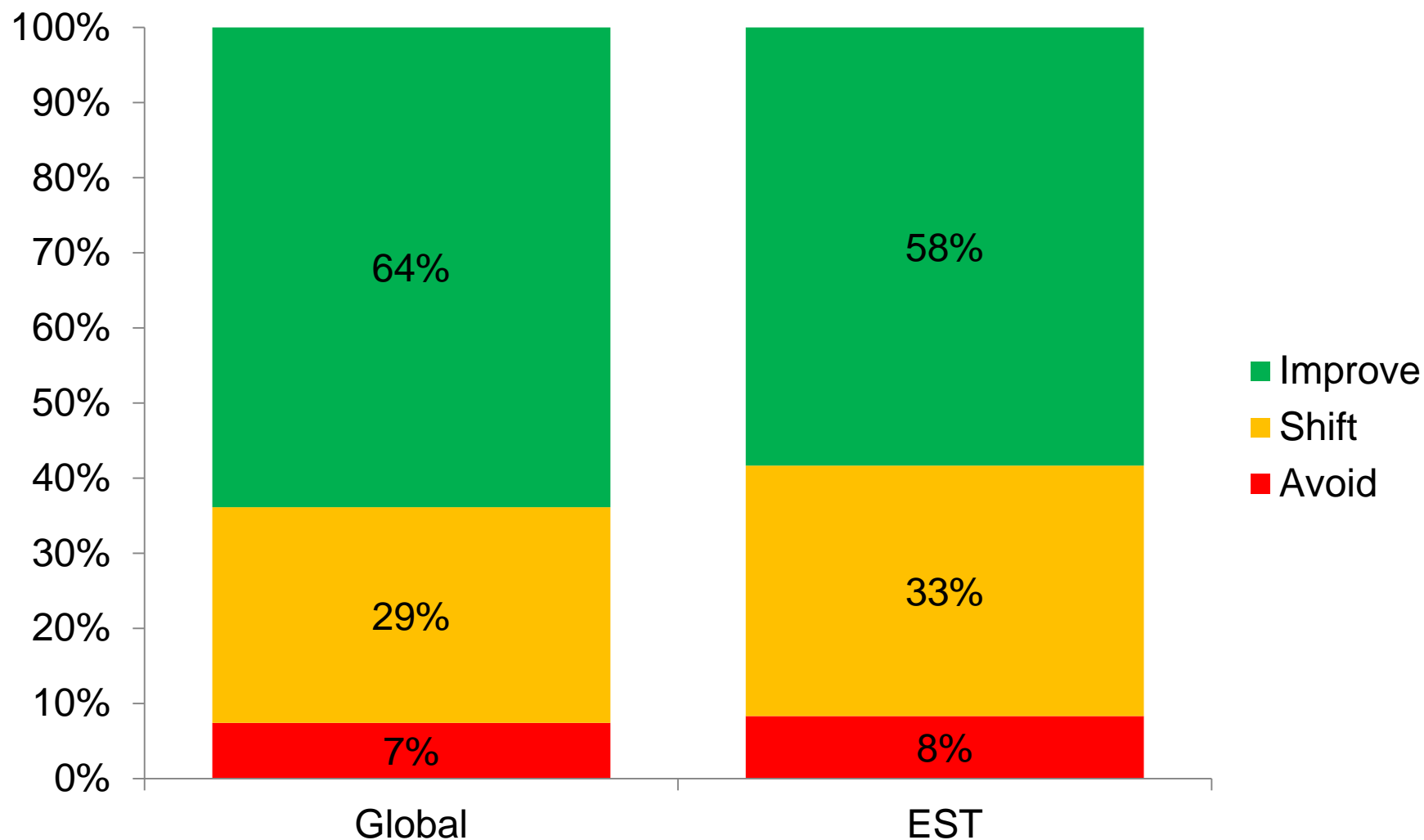
Global and EST Countries

	Global	EST
Number of INDCs	128	19
Transport sector prioritized in INDC (%)	95%	100%
Transport sector CO2 Reduction Target Identified (%)	10%	11%
Transport sector other targets Identified (%)	18%	37%
Transport Sector Mitigation Strategies Identified (%)	61%	74%
Transport Adaptation Issues Prioritized (%)	16%	26%

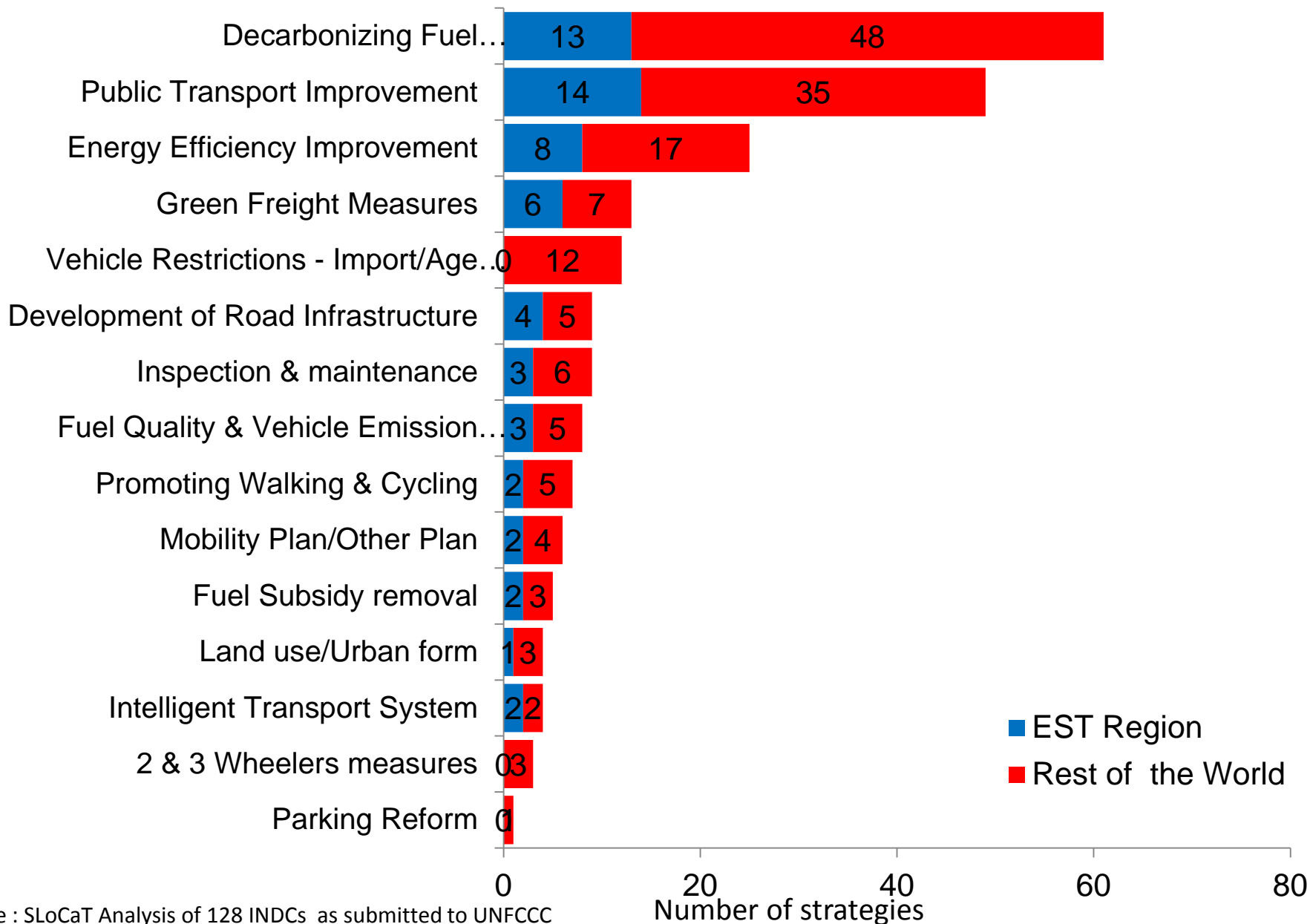
Transport Sector Mitigation Strategies in INDCs: Modes and Sub-Sectors



Transport Sector Mitigation Strategies in INDCs: 'Avoid-Shift-Improve' Typology



Transport Sector Mitigation Strategies in INDCs: Specific Measures Proposed



Transport Sector Adaptation Strategies in INDCs

Mitigation in INDCs			
<i>Number of INDCs Submitted</i>	<i>INDCs that Specify General Mitigation Measures</i>	<i>INDCs Prioritizing Transport Sector for Mitigation</i>	<i>INDCs that Specify Transport Mitigation Measures</i>
129	129	96	81

Adaptation in INDCs			
<i>Number of INDCs Submitted</i>	<i>INDCs that Specify General Adaptation Measures</i>	<i>INDCs Prioritizing Transport Sector for Adaptation</i>	<i>INDCs that Specify Transport Adaptation Measures</i>
129	109	21	6

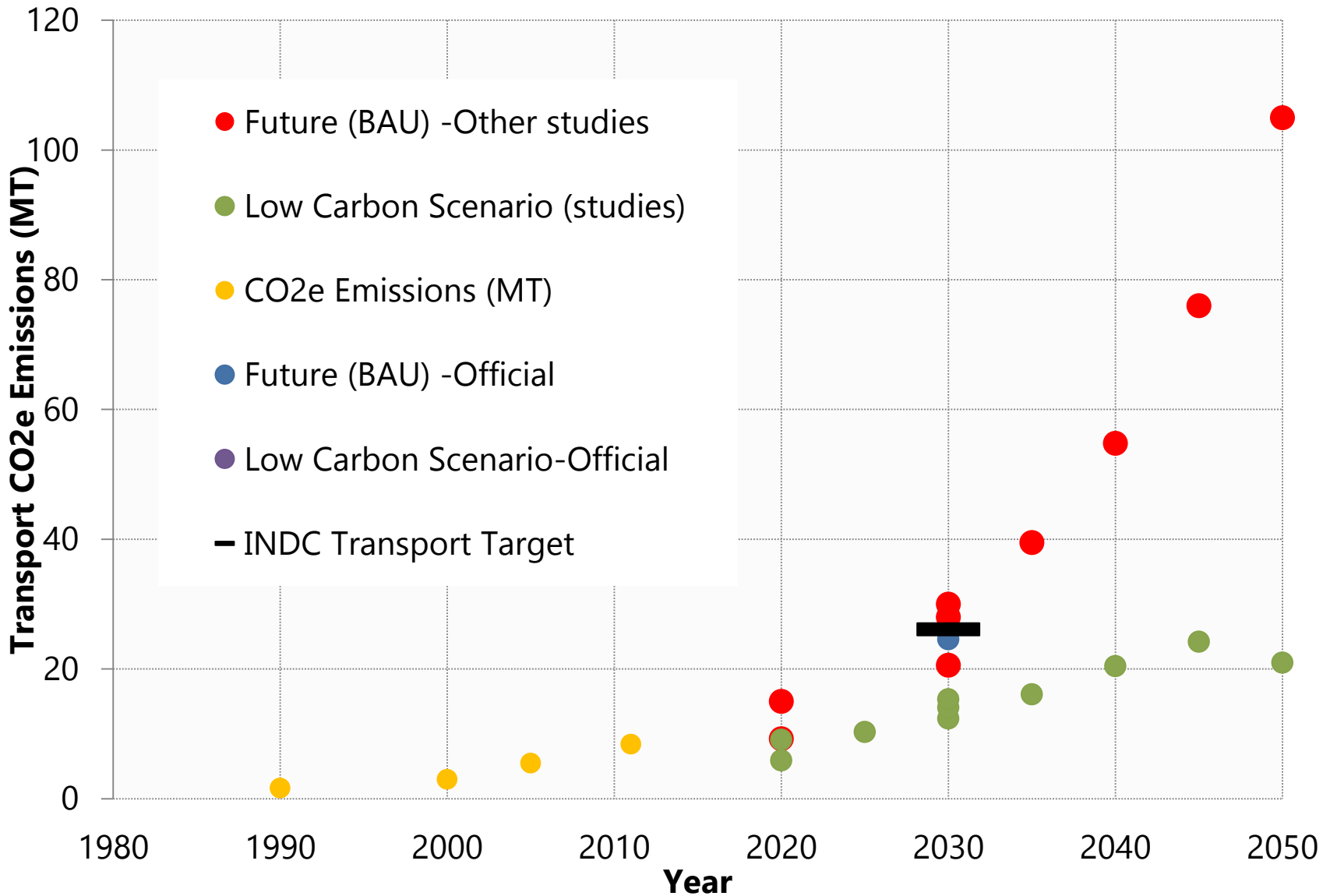
Transport Sector Adaptation Strategies in INDCs

Country	Transport-Specific Adaptation Measures
Bangladesh	Adaptation priorities include climate resilient infrastructure, and improvement of drainage systems. Projects underway through the Inland Water Transport Authority and the Ministry of Road Transport and Bridges.
Belize	Vulnerability assessment of transport infrastructure, particularly in urban areas and areas critical to sustaining the country's productive sectors (tourism, agriculture and ports).
Gambia	Improved resilience of road networks under changing climate conditions.
Madagascar	Effective application of existing or newly established sectorial policies, including flood-resistant terrestrial transport infrastructure standards.
Maldives	Coastal protection measures to protect the shoreline of Hulhule, the island which contains Ibrahim Nasir International Airport, as well as for other air and sea ports.
Republic of Moldova	Analyzing adaptation options, including altering assumptions about infrastructure design and operations, and incorporating uncertainty into long-range decision making.

Transport and Climate Change Knowledge Products

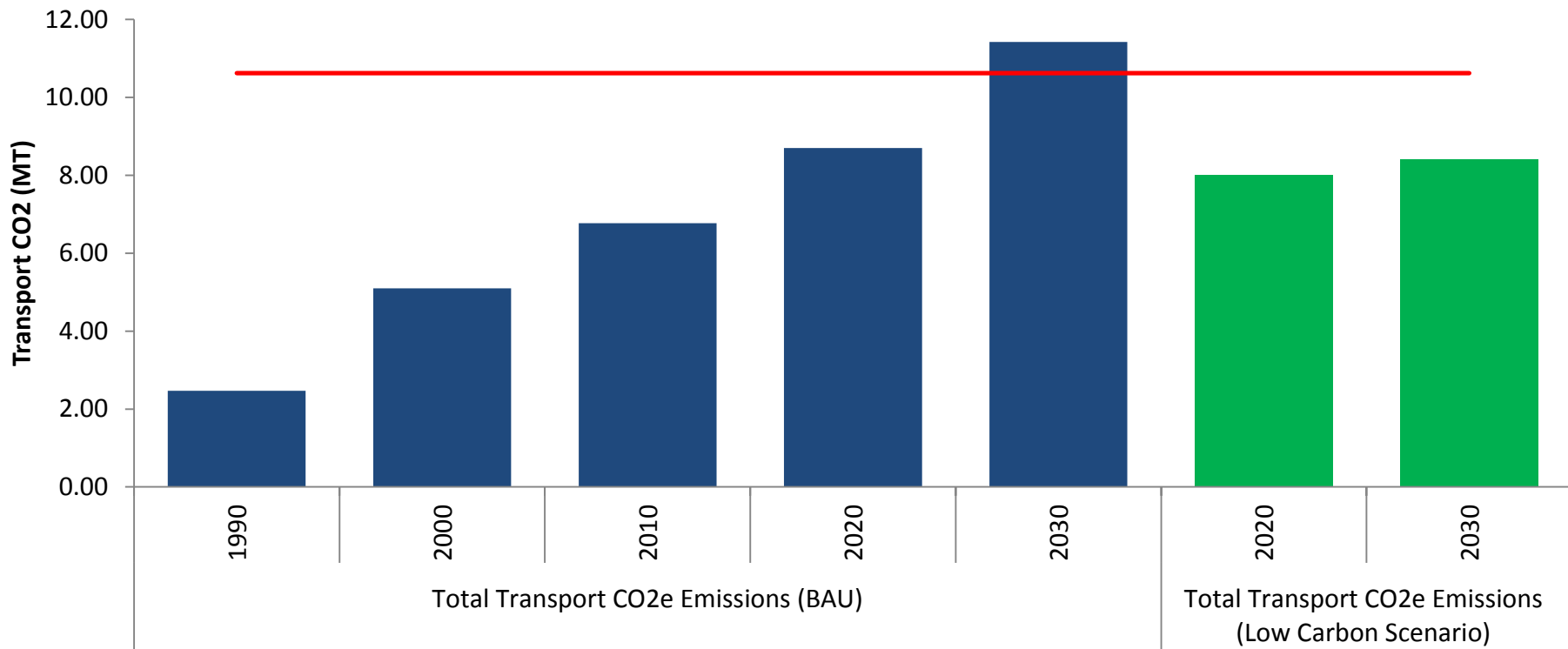
Transport Emissions Fact Sheet

Tier I Data - Bangladesh

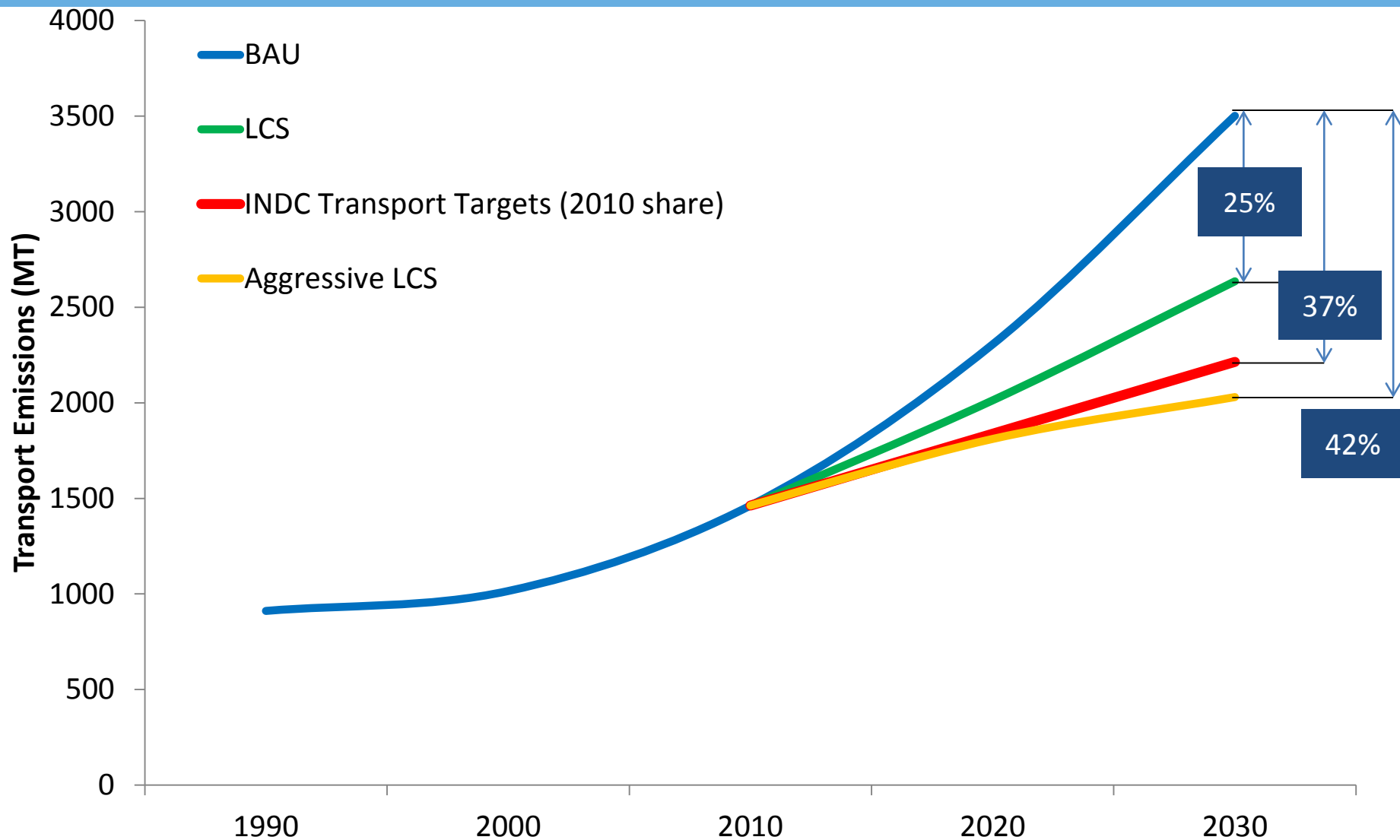


Transport Emissions Fact Sheet

Tier II Data – Sri Lanka



Aggregate Transport Emissions in EST countries



Source : Analysis by SLoCaT considering 138 countries with INDC commitments

Conclusions

- **Emissions Trends**
 - BAU transport emissions expected to rise sharply
 - Low-carbon scenario can reduce significantly
 - Rapid implementation essential to achieving 2DS
- **INDCs**
 - Unprecedented country-level climate planning
 - More potential for diversification (Avoid-Shift-Improve)
 - Transport adaptation requires greater attention
- **Knowledge Products**
 - Fact sheets can support detailed implementation plans
 - Additional data is required at a regional level
 - Key opportunities for collaboration in INDCs



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Partnership on Sustainable
Low Carbon Transport

Thank you
More info at www.slocat.net