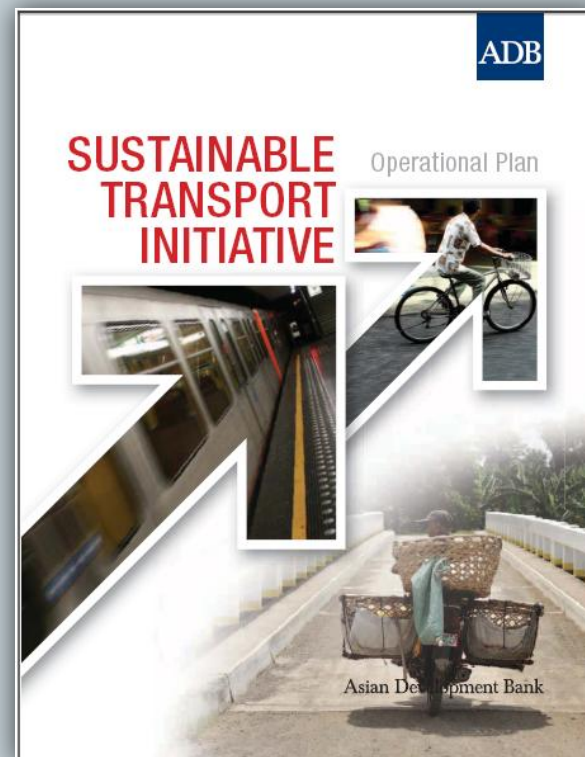


Sustainable Transport Initiative: *New Opportunities within CAREC*



Tyrrell Duncan
Chair, Transport Community of Practice
Transport Director, East Asia Dept

CAREC 10th Transport Sector
Coordinating Committee Meeting
Astana, 12 October 2011



This Presentation



- Transport challenges in Asia-Pacific
- STI - a platform for change
- Leveraging STI - Sustainable Transport Partnership Facility
- STI – new opportunities for regional cooperation




New and Emerging Challenges for Transport in the Asia-Pacific Region



- **Road accidents** cost 2-5% of Asian GDP
- **Motorization** is doubling every 5-7 years
- **Congestion** costs 2-5% of Asian GDP
- **Local pollution** – health problems and costs
- **CO₂ emissions** – globally 23% from transport, 19% from Asia today but will reach 31% in 2030
- 30% of global **energy use** for transport by 2025
- Transport contributes to **fuel security issues** – with oil price variations of US\$50-150/barrel

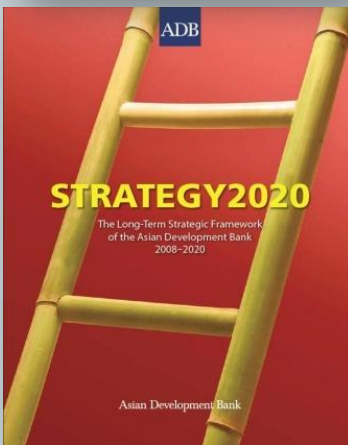
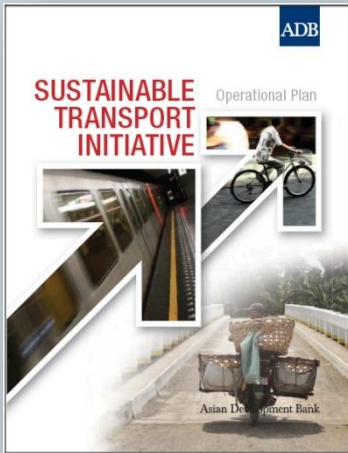
ADB's Transport Operations Provide a Platform for Addressing the New Challenges



- **Transport portfolio** has always been large
- ADB has transport operations in most of the region's **44 developing member countries**
- Transport is ADB's **top-rated sector** - based on project completion reports and post evaluation
- ADB is a **trusted partner** in the transport sector

Sustainable Transport Initiative

Approved in 2010



Aligns ADB transport operations with

- the 3 pillars of ADB's Strategy 2020
 - inclusive economic growth
 - environmentally sustainable growth
 - regional integration
- the changing needs and demands of the Asia and Pacific region

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ADB's 2020 Focus for Transport

Sustainable transport systems

Accessible

Affordable

Environment friendly

Safe

STI lending directions

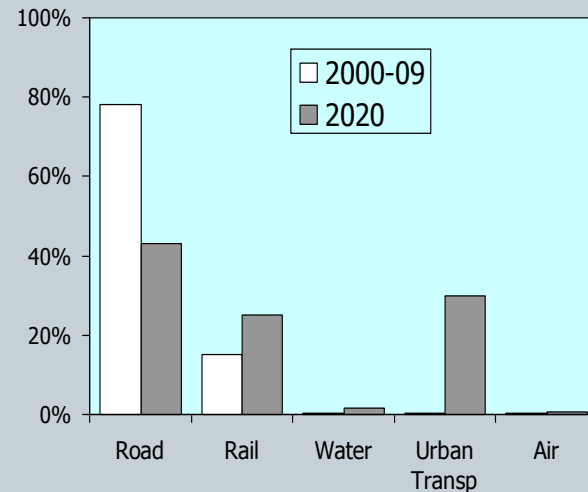
▷ Mainstream sustainability in roads

▷ Scale up 4 areas



- Urban transport
- Addressing climate change
- Cross-border transport & logistics
- Road safety & social sustainability

STI subsector lending targets



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Mainstreaming Sustainability in Road Operations



- **Road maintenance and rehabilitation** – improving national systems for road asset management, supporting rehab programs
- **Rural roads** – providing people access to affordable transport
- **Transport services** – enhancing the range, quality and affordability of passenger and freight services for all
- **Climate adaptation** – climate proofing road projects at design stage
- **Value addition** – ADB to be more selective in choice of road projects

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ADB is Scaling Up Lending in 4 New Areas



- **Urban transport** – scale-up operations, promote model projects such as BRTs, metros, non motorized transport
- **Mainstreaming climate change** – more investment in mode shifting and distance shortening e.g. railways, inland waterways
- **Improving cross-border transport and logistics** – more effective transport and trade facilitation
- **Supporting road safety and social sustainability** – strengthen approach, partner with donors and centers of excellence, and scale-up

Emerging Opportunities

Study, Test, and Introduce Other New Support



- Sustainable transport development plans
- Transport demand management and road pricing
- Intelligent transport systems
- Roles for ADB to promote new technologies for vehicles, engines, fuel
- etc



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Phasing



STI implementation in 3 phases



2010-11

- Mainstreaming
- Scale up early opportunities
- Study further opportunities

2012-15

- Full implementation of early opportunities
- Scale up further opportunities

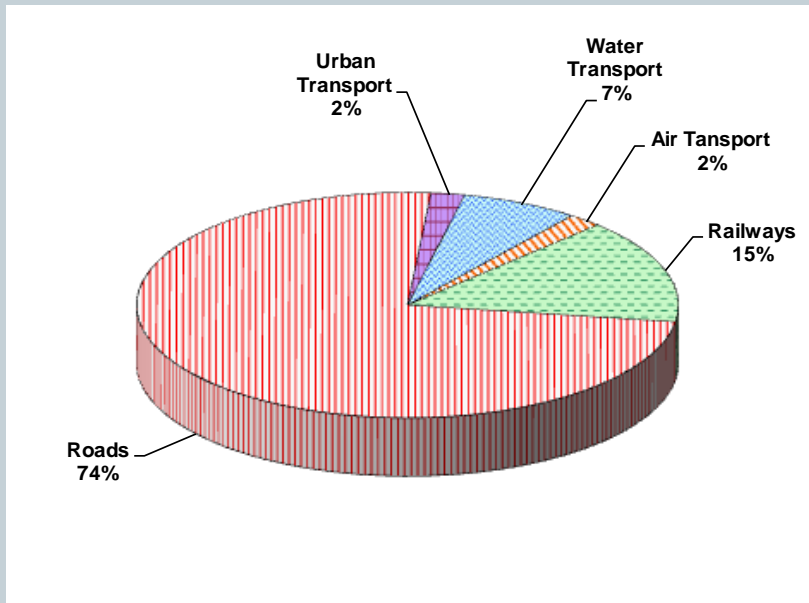
2016-20

- Full implementation

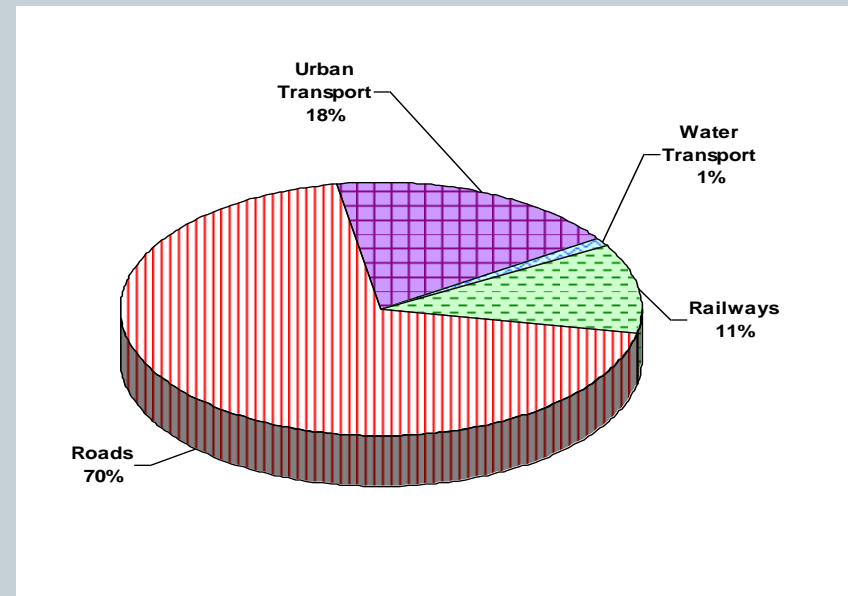
ADB Transport Lending is Already Changing



1970-2009



2010-2012



Sustainable Transport Partnership Facility

\$100 Million Fund to Leverage STI

- Partners to provide seed financing, expertise and support innovation
- Leverage the large ADB lending and TA platform to innovate, replicate and scale up ST investments across Asia and the Pacific

Impact

At regional level, DMCs adopt sustainable urban transport and climate proofing policies, transport costs reduced, effective road safety programs are established

Outcome

ADB projects increase use of urban public transport, reduce CO₂ emissions, reduce border crossing times, lower road accident fatality rates

Outputs

Urban transp systems (BRT, metro, NMT, passenger hubs), traffic mgt & road pricing, railways, inland waterways, carbon footprinting & emissions reduction methods, investment climate proofing, improved border crossings, cross-border agreements, policies & strategies, road safety programs, transport gender and social sustainability investments

Inputs

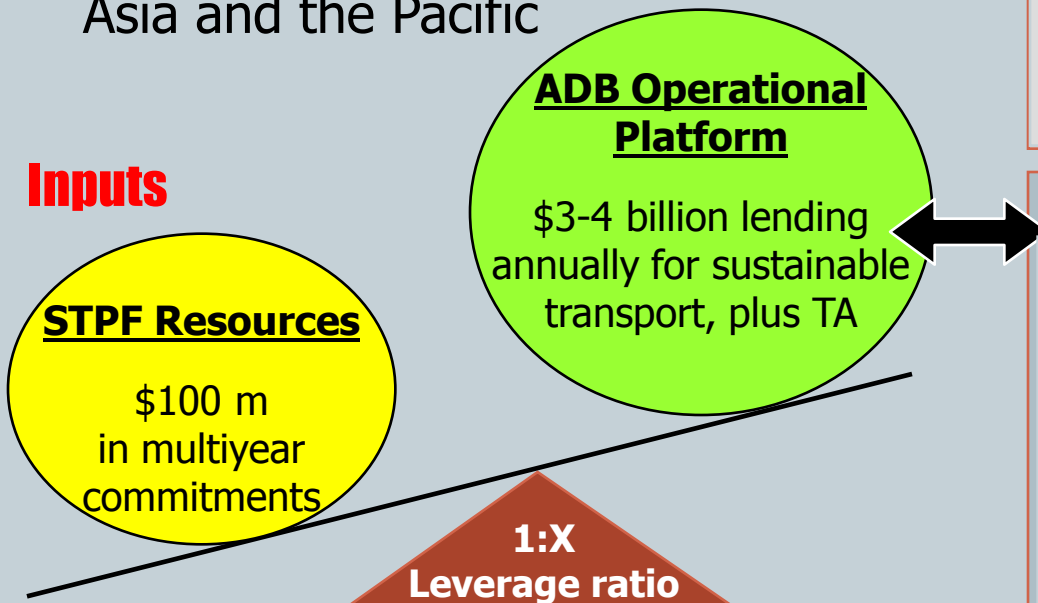
STPF Resources

\$100 m
in multiyear
commitments

ADB Operational Platform

\$3-4 billion lending
annually for sustainable
transport, plus TA

1:X
Leverage ratio



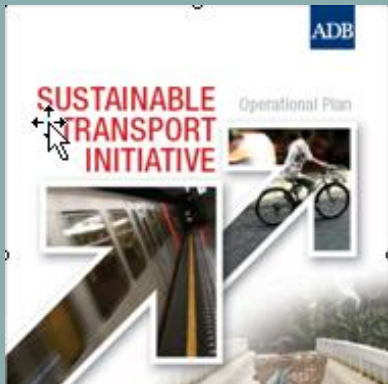
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Opportunities for Regional Cooperation in CAREC



Opportunities and synergies through STI cooperation at subregional level?

- Road maintenance and rehabilitation
- Transport services in economic corridors
- Climate adaptation
- Urban public transport systems
- Railways
- Logistics
- Road safety
- Emerging sustainable transport technologies
- Regional sustainable transport dev plans



The ***Sustainable Transport Initiative*** is ADB's new agenda for transport operations up to 2020, and presents CAREC with new opportunities for regional in transport

Let's ***develop accessible, safe, environmentally-friendly and affordable transport systems*** in the **CAREC** region



See our website for more information about the
Sustainable Transport Initiative:

<http://www.adb.org/Transport/default.asp>

Thank you!

