



Assistance for Action

Aviation and Climate Change Seminar

23 - 24 October 2012

ICAO Headquarters, Montréal, Canada



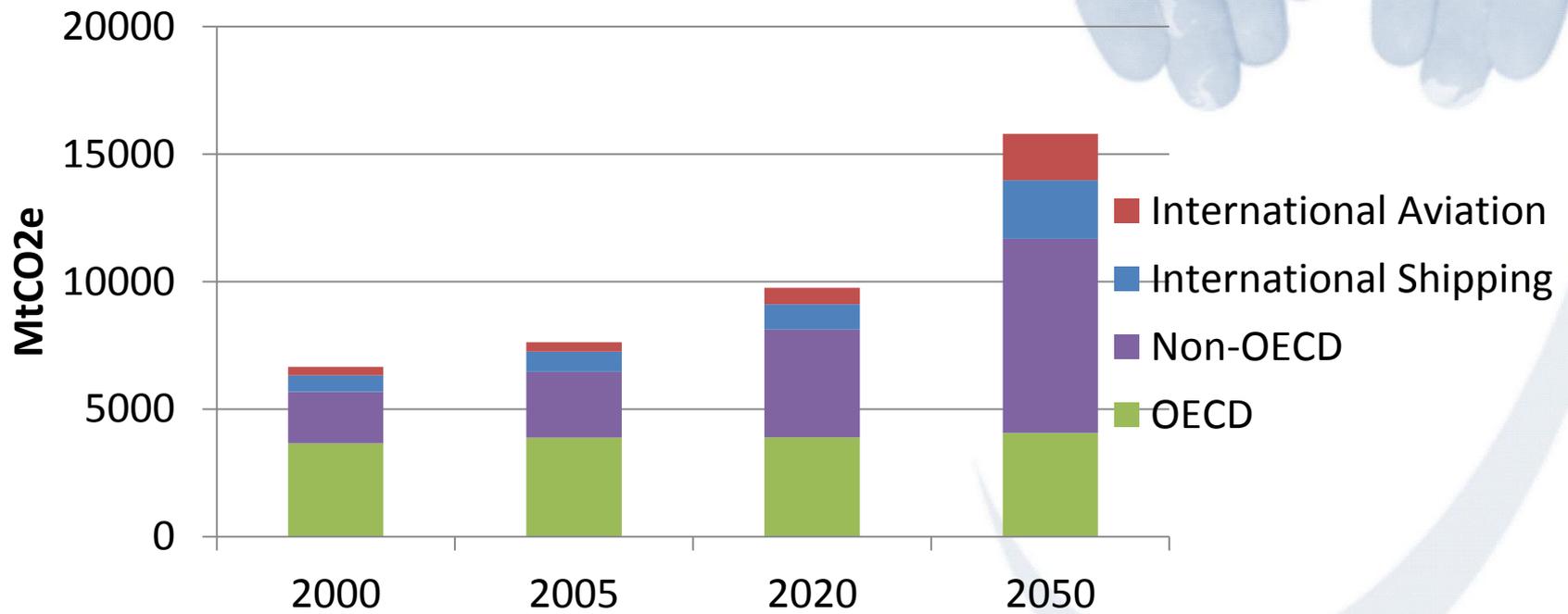
ADB's efforts in sustainable low-carbon transport

Ko Sakamoto, Transport Economist, Asian
Development Bank



Transport and the climate challenge

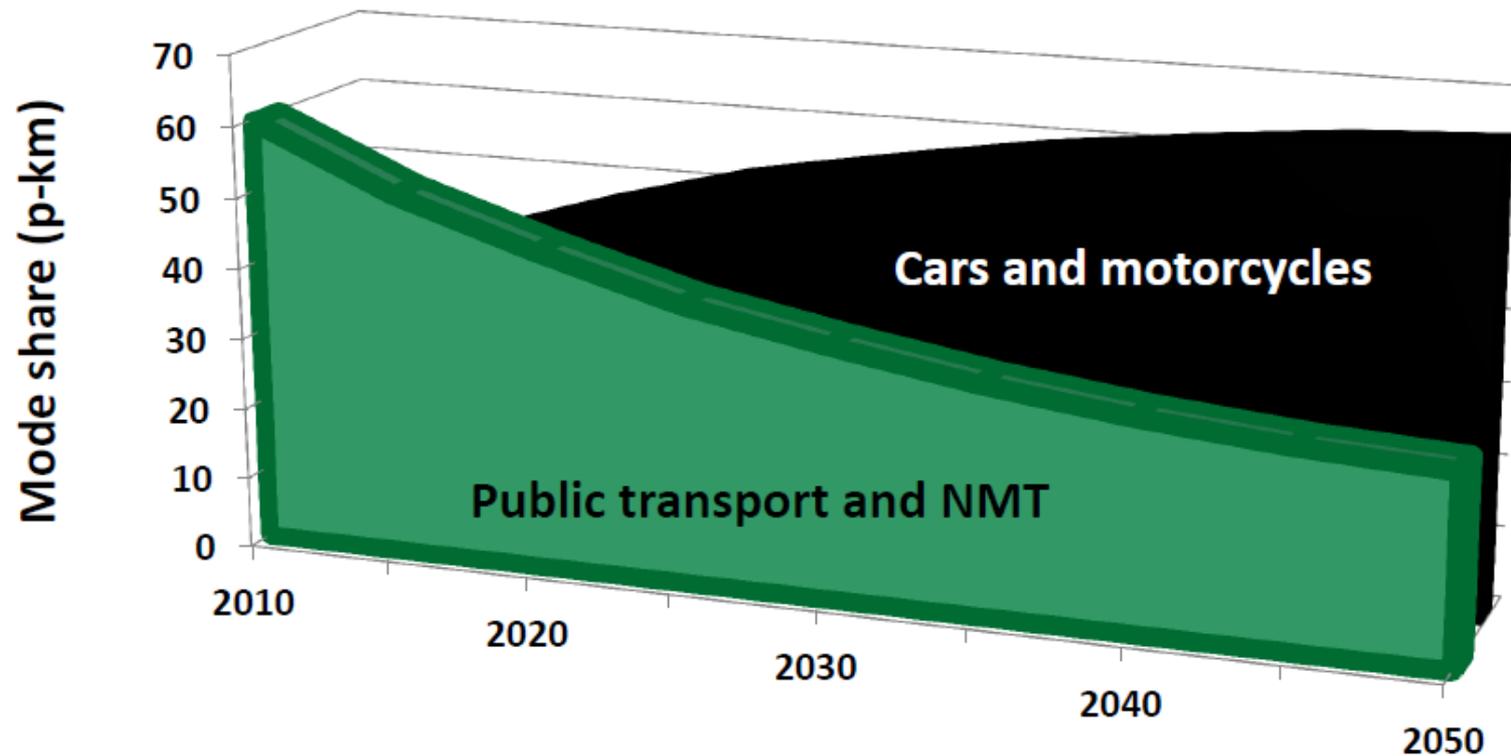
- 23% of global CO₂ from transport
- Growth of 2.8% p.a. expected between 2006 and 2030
- Most growth foreseen in road transport in developing countries



Transport Emission Projections
(Source: IEA 2009 and DfT, 2009)



Current projections for Asia



Source: ADB and IEA, 2011





Road accidents costs 2-5% of Asian GDP

Transport a major source of urban air pollution





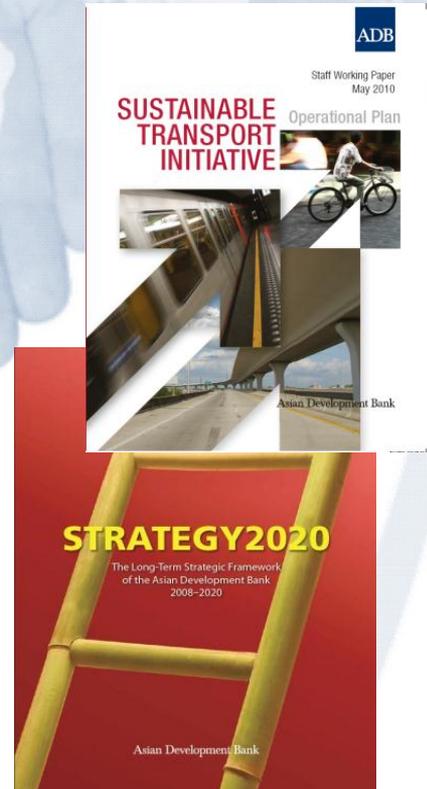
Congestion costs 2%-5% of Asian GDP





Sustainable Transport Initiative (STI)

- Adopted in 2010, ADB's changing response to developing member countries' needs
- Aligned with ADB's Strategy 2020
- Four focus areas:
 - Scaling-up urban transport
 - Mainstreaming climate change
 - Improving cross-border transport and logistics
 - Supporting road safety and social sustainability





Avoid, Shift and Improve

Avoid
the need to travel

Shift
towards/maintain
share of
sustainable modes

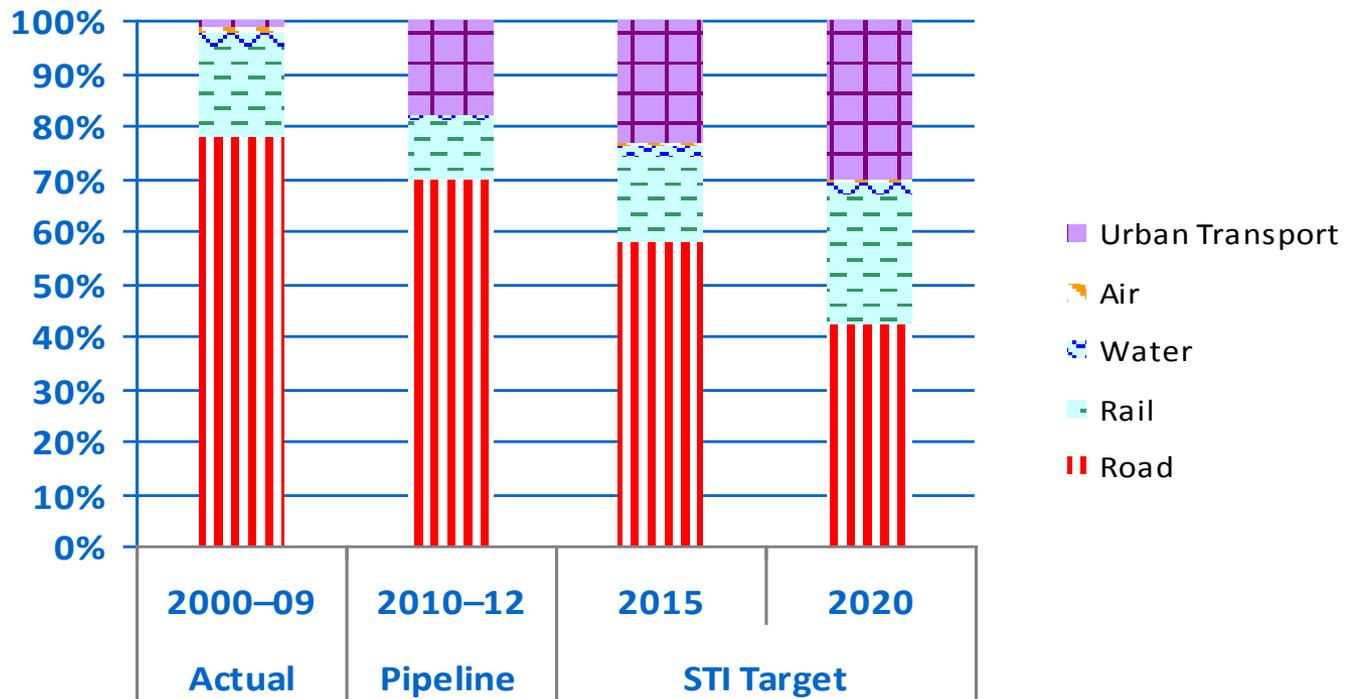
Improve
efficiency of all
modes



**accessible, safe, environmentally-friendly,
and affordable transport**



Annual Transport Lending – Actual and Targets





Example projects in the pipeline

- **BRT** in Lanzhou, Yichang, Jiangxi Ji'an, Pimpri, Ulaanbaatar, Dhaka
- **Metros** in Ho Chi Minh, Hanoi, Tbilisi, Astana
- **Integrated urban transport** in Kathmandu, Dhaka, Davao, Vientiane, Xian, Yerevan





Building the pipeline for sustainable transport



Partnership on Sustainable
Low Carbon Transport

Leveraging change via knowledge sharing
and regional cooperation

Increasing direct support for sustainable
transport projects



New knowledge being developed by ADB



Carbon Footprinting
Methodologies



Sustainable Transport
Economic Appraisal



Transport Data Initiative



Innovative market
mechanisms

...and much more!





Collaboration opportunities

- **Joint projects (co-financing)**
- **Partners under proposed Sustainable Transport Partnership Facility**
 - Technical/knowledge partners
 - Financing partners
- **Transport Forum (5-9 November)**
 - Speakers/participants
 - Sponsors: Opportunities to highlight products, best practices

**TRANSPORT
FORUM 2012**

Inclusive and Sustainable Transport

6-8 November 2012 | ADB Headquarters, Manila, Philippines





ADB

SUSTAINABLE TRANSPORT INITIATIVE

Operational Plan



Asian Development Bank

Thank you

www.adb.org/transport

Ko Sakamoto
ksakamoto@adb.org



Partnership on Sustainable
Low Carbon Transport