ADF’s View on Co-benefits

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Co-benefits: 2 Messages

Climate change
Climate change
Climate change
Climate change
Climate change

Air pollution
Traffic congestion
Energy security
Public health
GDP

Western countries & donors
Developing countries
**Challenge:** Transport contributes about 1/4 of energy-related CO2. Other negative impacts are traffic congestion, road accidents, premature deaths and ill health from pollution.

**Strategy:** ADB launch STI in Asia and the Pacific to facilitate economic development and energy security while mitigating transport’s negative impacts.

**Response:** ADB’s STI promotes investments in low-carbon, safe, and affordable transport systems.

### Benefits from Metrobus: Broad Than Just CO2

- **Transport, Health Benefits >> CO2 Benefits**

  - CO2 reduction in parallel traffic
  - CO2 reduction, mode shift car to bus
  - CO2 reduction from bus switch
  - Fuel savings to parallel traffic
  - Fuel saving, mode switch car to bus
  - Fuel Savings from bus switch
  - Air Pollution/Health Benefits from lower air pollution
  - VKt external costs -- reduction in all traffic
  - Time Savings of Bus Riders

Source: Lee Schipper, Global Metropolitan Studies, UC Berkeley
Expectation on Co-benefit Partnership

Provide tool for quantifying health costs

- Economic analysis of a project should consider all costs and benefits including health costs associated with air pollution.
- Transport sector is priority for ADB because it comprises about 25% of ADB’s total lending.
- Health costs become concern because transport projects shift from highways to urban transport.
- Opportunities for collaboration: Sustainable Transport Forum, BAQ Asia in November.

Clean Air Portal & Communities of Practice

Launch 2010
Developed under ADB-funded KnowledgeAir Project (Japan Special Fund)

Clean Air Portal that integrates of current websites:
- CAI-Asia website (organizational info, clean air calendar, projects, country networks, publications, training courses)
- CitiesACT portal (information for Asian countries and cities on Air quality, Climate change & energy, Transport)
- BAQ websites (information on and proceedings of each BAQ conference)

Communities of Practice
- Groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly
- Integrated in the portal
- COPs on topics relevant to
  - Co-benefits Air quality / climate change
  - Sustainable Transport
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