



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Getting Transport on the Climate Agenda

Recommendations
Climate Change Theme

ADB Transport Forum
9-12 September, 2008

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport
9–12 September 2008 • Manila, Philippines

■ Major Issues

- Transport - a large contributor to climate change : projected to grow fastest amongst all end-use sectors in the next 25 years
- Emerging economies in Asia is estimated to account for 45% of that growth
- Developing countries most vulnerable to climate change
- Urgent need to implement 2006 ADB Action Plan on Energy Efficiency and Climate Change considerations

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

• **Way forward: National Action**

- Bring transport on national agenda for climate change
- Assemble data as basis for informed decision making
- Design appropriate policy and regulatory framework to implement action plan
- Setup appropriate institutional arrangements and build capacity
- Arrange for funding of mitigation measures

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

■ **Way Forward : International Action**

- Assist developing countries to implement mitigation and adaptation measures.
- Think beyond CDM and explore new innovative financing arrangements
- Bring transport on the post Kyoto climate agenda

ADB



ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Existing Initiatives

- **Ministerial Meeting on Environment, Energy and Transport (MEET)**, October 2008, (G8 + ASEAN and other major economies);
- **Global Transport Knowledge Partnership (gTKP)** with dedicated component on Climate Change
- **ADB** developing a Sustainable Transport Initiative under its overall Climate Change Program
- **DFID** has initiated series of activities on Climate Change which include transport
- **World Bank**, in addition to its regular Climate Change Program is about to conclude in cooperation
 - with **Clean Air Initiative of Latin American Cities** a study on effectiveness of CDM for transport as well possible financial alternatives to existing CDM
- **CAI-Asia** in its Sustainable Urban Mobility in Asia program is promoting a co-benefits approach to air quality and climate change and has made Air Quality and Climate Change the theme of the BAQ 2008 workshop
- **The Environmentally Sustainable Transport Forum of UNCRD** is making Climate Change one of the cornerstones of its intergovernmental process on addressing transport and environment
- **The International Transport Forum (ITF)** in its 2008 Leipzig statement is making climate change mitigation one of the policy priorities





SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

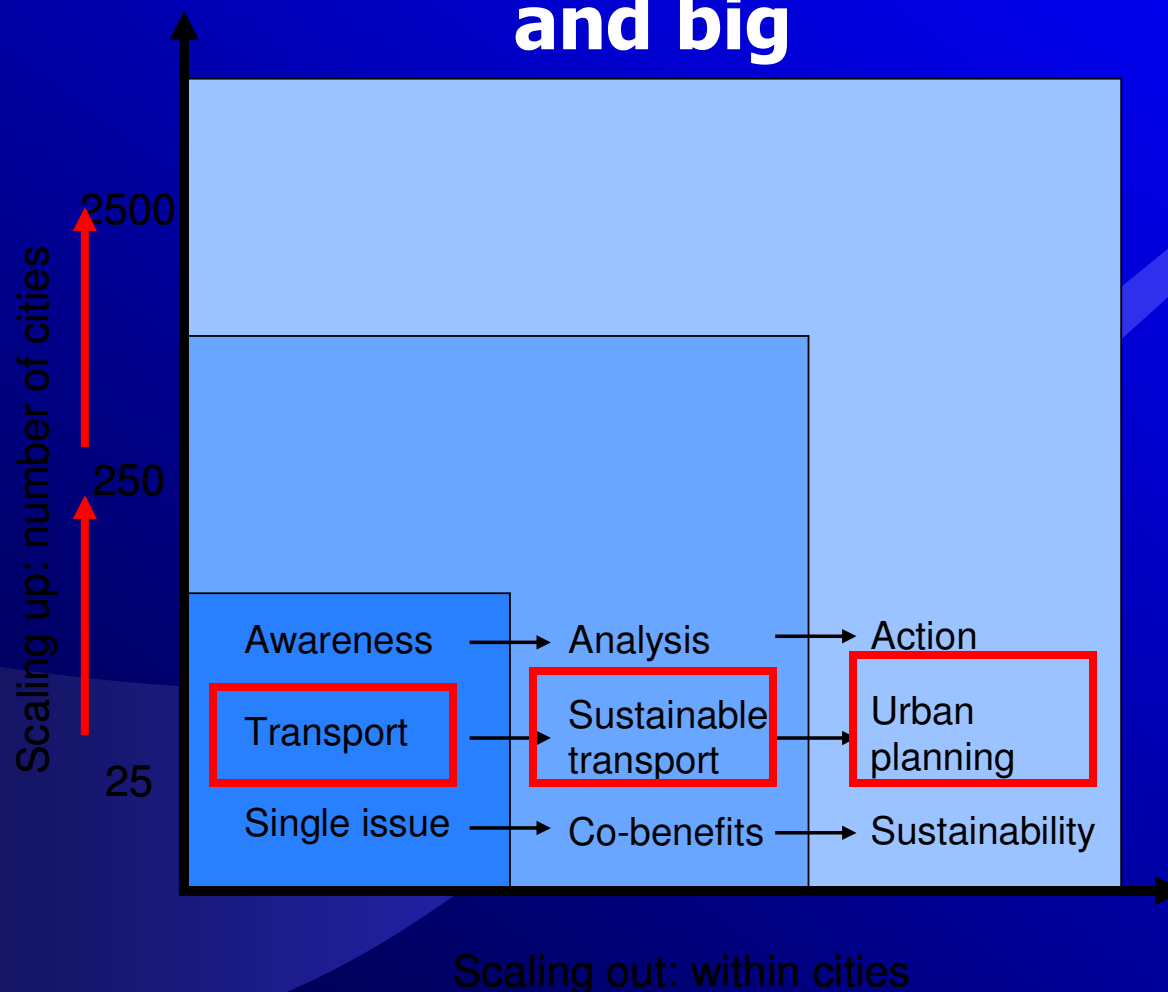
9–12 September 2008 • Manila, Philippines

Why is it important to act now?

- Negotiations in 2008 and 2009 on the follow-up to Kyoto protocol will result in defining the future governance for Climate Change for the period up to 2020. If transport not in now- we will have to wait a long time.
- Clean and Green Transport will be key for a low carbon growth path in Asia
- Combination of urban growth and economic growth will lead to irreversible increases in private transport (and associated GHGs)
- In order to reduce the growth in GHG emissions from transport and later reduce in absolute terms it is important to develop good transport policies which in addition to other objectives: mobility and access, reduced congestion, improved air quality also will address GHG emissions.

ADB

The importance of scale: Think integrated and big



What are the short term aims?

Transport to be fully integrated in the draft provisions of proposal on “**Emissions Trading and the Project Based Mechanism**” as developed by the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol.

For example it could be brought under any of the following.

- (F) Sectoral crediting of emission reductions below a previously established no-lose target;
- (G) Crediting on the basis of national appropriate mitigations actions;
- (L) Co-benefits be a criteria for the registration of project activities;
- (M) Multiplication factors to increase or decrease the certified emission reductions issued for specific project activities



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

What are we planning for COP 14 on transport?

- **Negotiators** to make the claim for integration of transport in the formal negotiations, both the working group under UNFCCC and the working group under the Kyoto Protocol; have countries introduce a joint draft decision document
- **Special event on Transport and Climate** to:
 - Set the agenda for follow-up discussions on climate and transport;
 - Kick start the discussion on alternative CDM approaches for transport
- **One day event on Climate and Transport as part of the ICLEI side event on Climate Change and Local Governments** to:
 - Draw in local governments into the discussion on transport and climate change
 - Discuss outlines of a dialogue process for 2009
- **Informal side meeting of transport specialists** to agree on the terms of reference for further substantive analytical work on transport and climate during 2009

ADB

What do we need to do before COP 14?

- Lobby with selected negotiators to raise transport in their October 17 comments on “Emissions Trading and the Project Based Mechanism” – Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol
- Lobby with negotiators to include transport in their COP 14 statements and to request for a special event on transport and climate:
 - Invite selected negotiators to Better Air Quality (BAQ) 2008 workshop to raise their awareness on need to address transport
 - Statement to be endorsed by BAQ 2008 participants to include transport in COP 14
 - Announce Partnership on Climate and Transport at BAQ 2008
 - Online petition to request UNFCCC to include transport on negotiation agenda
- Conduct in-country dialogues with transport and climate policy specialists to have a unified position on linkage between transport and climate and relevant policy options
- Prepare decision document and supporting materials



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Who is part of this initiative?

- Asian Development Bank
- World Bank
- UNEP
- ESCAP
- DFID
- UNCRD
- IEA
- ITF/OECD
- gTKP
- GTZ –SUTP
- ICLEI
- UITP
- UIC
- IGES
- CAI-LAC
- CAI-Asia
- Global Alliance for Eco Mobility
- EMBARQ/WRI
- I-CE
- ITDP
- TRL

ADB

What will happen after COP 14 in 2009

- Conduct a series of dialogues with local stakeholders in developing countries **(process)**:
 - The importance of transport for climate agenda
 - Linkage of transport to other developmental agendas, poverty alleviation, MDG, etc,
 - Policy options for good transport that can be achieved in required scale and time.
- Develop consensus on frameworks **(substance)** for:
 - measuring and monitoring GHG from transport,
 - policy and financing, and
 - supportive legislative, regulatory and institutional action
- Continue lobbying efforts to influence negotiations

These activities need funding

- Before COP 14:
 - Develop decision document and supporting materials
 - Bring negotiators to BAQ 2008
 - Lobbying with various groups to get transport on agenda
- At COP 14
 - Bring developing country stakeholders to COP 14
 - Run events at COP 14
- After COP 14:
 - Dialogue process
 - Development of substantive frameworks
 - Lobbying efforts
- At COP 15
 - Bring developing country stakeholders to COP 15
 - Run events at COP 15



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Implementation arrangements

- To create a broad-based buy-in to the proposals aim at funding from range of organizations: ADB, World Bank, gTKP and DFID. Additional possibilities: GEF and Foundations
- Short term funding 2008 and medium term funding 2009
- Funding to be provided on a parallel basis, rather than centralized funding. Funding organizations should be willing to program these funds through a common framework
- ADB was assigned at the Gleneagles G8 meeting in 2005 as lead on transport and climate among the IFI's. This provides ADB with a mandate to set up the Transport and Climate Partnership which would bring together interested stakeholders (to be announced at BAQ 2008).
- Specific tasks to be implemented by working groups with time-defined/output-defined mandates



ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Rural Transport

Friday 12 September

1:30 – 3:30

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Rural Transport – Major Issues

- Impacts – poverty & SE development;
- Needs and involvement of rural people;
- Sustainability; and,
- What more needs to be done?

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Rural Transport – Discussion Topics

- Access & agricultural production;
- End user requirements;
- Solutions into practice: Technical, management, and financing;
- Outstanding knowledge gaps; and,
- Key note presentation.

ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Rural Transport – Way Forward

- Success - Political priority;
- Professionalize:
 - Knowledge to good practice
 - Good practice into practice
- Sustainability:
 - Socio-economic impacts
 - Technical solutions;
- Communities of practice.

ADB



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Sustainable Urban Transport

Friday 12 September

1:30 – 3:30

ADB

Sustainable Urban Transport

⑩ Major Issues

- Traditional approaches are not working
- Need for new paradigm
- Lack of comprehensive approaches
- Stakeholders are not involved



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Sustainable Urban Transport

⑩ Discussion Topics

- How to reach and involve stakeholders
- The value of pilot projects and long term partnerships
- The value of networking and exchange of experience
- How to make it happen – role of ADB and gTKP

ADB

Sustainable Urban Transport

10 Way Forward

- Less studies and more action
- Stakeholder involvement
- Share knowledge and experience
- This means networking among cities....



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Sustainable Urban Transport

Cities Development Initiative for Asia

CDIA

Urban Criteria	Urban Transport
Criteria 1	Criteria A
Criteria 2	Criteria B
Criteria 3	Criteria C
etc.....	etc.....

ADB



SEACAP
South East Asia Community Access
Programme

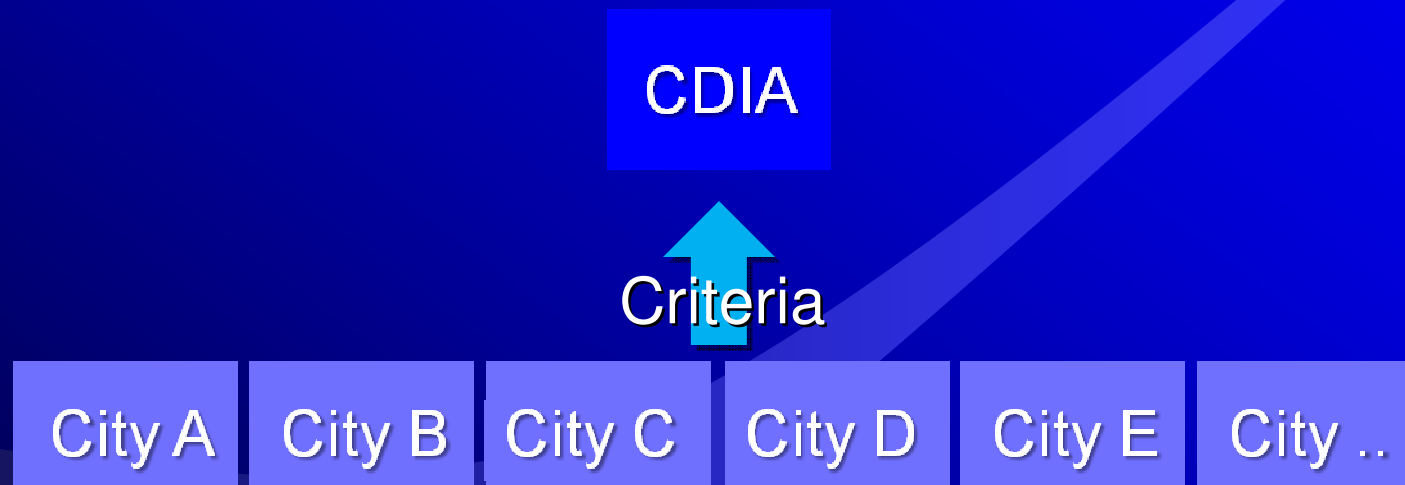
ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Sustainable Urban Transport

Cities Development Initiative for Asia



ADB



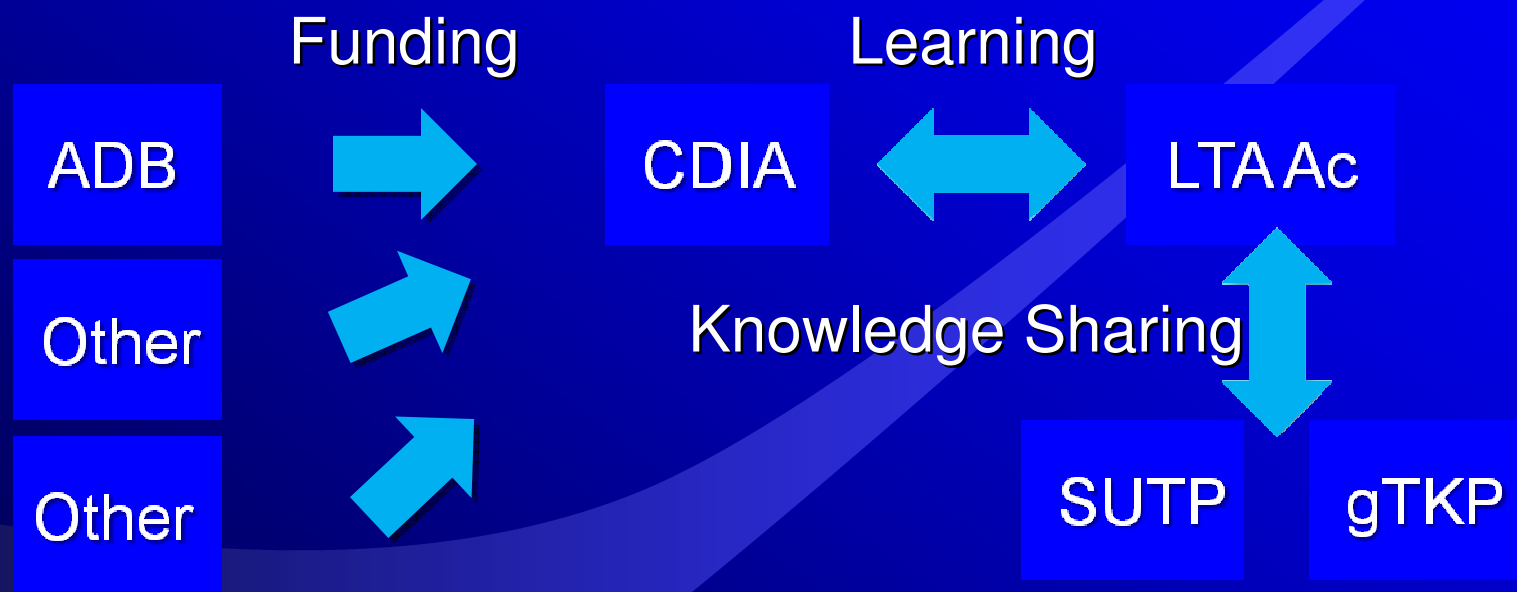
SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Sustainable Urban Transport



ADB



SEACAP
South East Asia Community Access
Programme

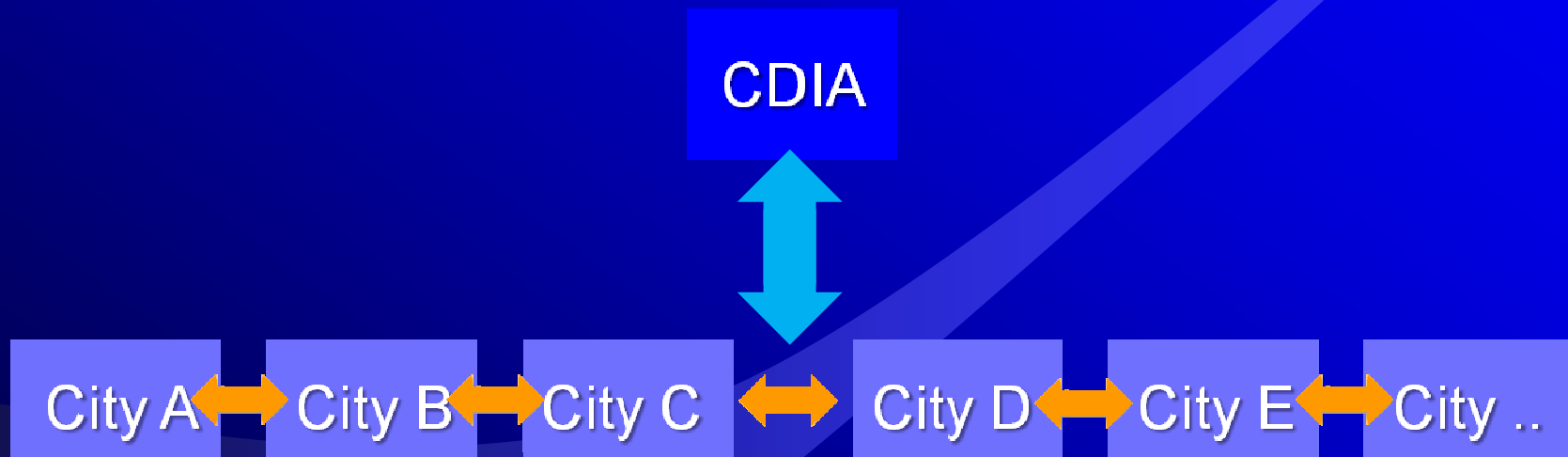
ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Sustainable Urban Transport

Cities Development Initiative for Asia



ADB



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Governance

Friday 12 September

1:30 – 3:30

ADB



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Major Issues

- Stakeholder monitoring to improve transparency
 - ***representation of all interests working as a team***
- Community involvement in improving governance
 - improves priorities and delivery
 - ***commissions still a problem***
- Many international initiatives to reduce corruption
 - ***need to tip the balance between risks and rewards***



SEACAP
South-East Asia Community Access
Programme

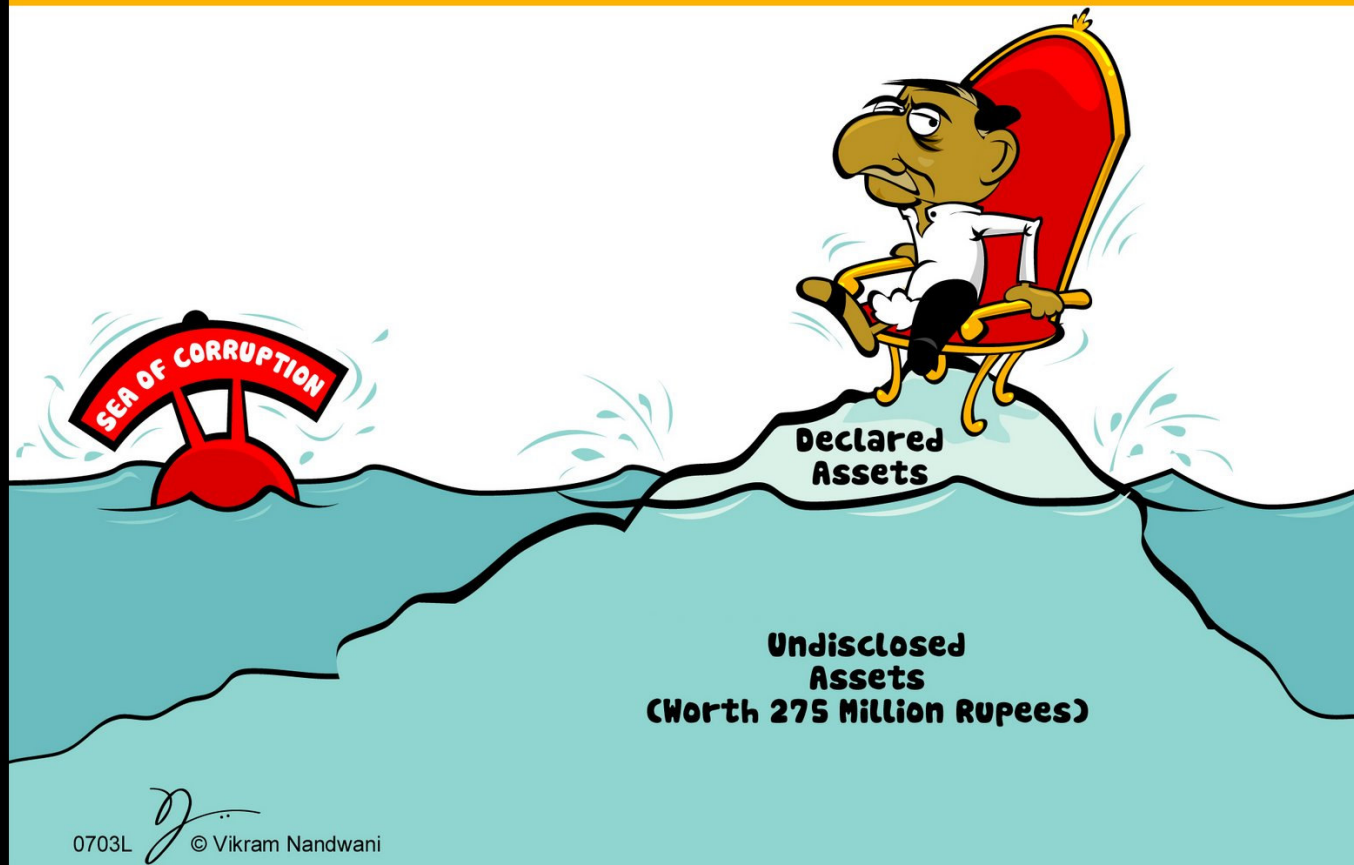
ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

.pOINT_bLANK

- Vikram Nandwani



Vishaka Hidellage





SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Major Issues

- Managing governance risks
 - in the past over ambitious and under resourced
 - ***focus efforts in areas of greatest risk***
- Transport sector governance assessment
 - ***measurement and monitoring to drive progress***
- Stakeholder education and involvement
 - ***comparisons to identify areas for improvement***



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Discussion Topics

- Civil society involvement
 - ***Lack of understanding of details by civil society***
- Leadership & political will
 - ***Politicians need to set an example!***
- Need to address pay scales and incentives
 - ***international consultant 70x local manager's salary!***
- Acceptance - “road always fails before it should”
- Importance of ownership and engagement



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Way Forward

- Objective experience is already being applied
 - Benefits to everyone from exchanging knowledge
 - Initiatives fit together to reinforce each other
 - Mixed results so far - a long way to go
- gTKP will assist with the exchange of knowledge



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Inclusive transport & social development

Friday 12 September

1:30 – 3:30



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

Major Issues – Social Development

• HIV/AIDS & STIs	prevention, mitigation, country-driven
• Gender	cross-cutting theme
• Human trafficking	more info, new approach
• Needs of disabled people	participation, universal guidelines, cost: benefit
• Maternal health	access
• Remote communities	attention, realistic solutions
• Maintenance	needs more attention



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Discussion points - Inclusiveness

- Can't assume that building a road/bridge is universally good – social impacts
- Donor-funded project guidelines aren't enough (esp in absence of strong civil society)
- Roads are often a long term solution but short term solutions can also be explored (ex. IMTs, engineered paths)
- Contradiction between the expressed need for country/local buy-in & difficulty of achieving it (ownership and inclusiveness)



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Way Forward (general)

- All stakeholders to keep up pressure on mainstreaming social issues, be more opportunistic
- We need information on cost: benefit and the results need to be promoted – better allocation of resources to inform decision makers
- The user needs to be involved as much as possible
- Political commitment and accountability – walk the talk
- Deepening in application of things we already know



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Recommendations:

- A % of infrastructure projects be spent on social/community improvement
- Transport projects should identify soc dev priorities so resources are better allocated
- Universal design guidelines must be mainstreamed
- More projects should address maintenance at the onset of any project or policy



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Way Forward

- Regional plans and mutual support
- Develop national action plans based on sound data
- ADB re-assume regional leadership role
- Encourage all governments to attend Transport Ministers Conference Moscow 2009
- Ramp up KT activities



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Road Safety

Friday 12 September

1:30 – 3:30



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Road safety

■ Major Issues

- Casualties are getting worse — few regional countries have peaked
- There are few safe roads in the region
- Global action plan now in place
- Poor regional coordination



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Discussion Topics

- Five key risk factors
 - Making the infrastructure safer
 - Speed management
 - Helmets
 - Seat belts
 - Drink Drive



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Way Forward

- Regional plans and mutual support
- Develop national action plans based on sound data
- ADB re-assume regional leadership role
- Encourage all governments to attend Transport Ministers Conference Moscow 2009
- Ramp up KT activities



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Closing Session

Public Private Partnerships and Innovative Finance

Friday, 12 September



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Public Private Partnerships and Innovative Finance

⑩ Major Issues

- PPPs for Expressways:
 - Difficult to structure successfully – need adequate preparation, commitment, enabling environment, true partnership, requirements of private sector
 - Potential benefit: increase capital and efficiency



SEACAP
South East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Public Private Partnerships and Innovative Finance

- Private participation:
 - Strength economy, inflation, external debt, FDI
 - Established legal, financial and technical framework
 - Project structure – risk sharing
 - Experience with PPPs
 - Pipeline of projects



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Public Private Partnerships and Innovative Finance

- Capital available is well below needs,
therefore private capital is required
- Many modalities available
- ADB strategy 2020 anticipates that 50% of
operations will be private sector by 2020



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Public Private Partnerships and Innovative Finance

- Infrastructure projects need to include facilitation and logistics to insure full benefits from investment
- Logistics development by private sector can be encouraged by public sector investments.
- Public financing needs accountability to public and sustainable funding from users
- Making carbon trading work and beyond



SEACAP
South-East Asia Community Access
Programme

ADB Transport Forum

Asia on the Move: Energy Efficient
and Inclusive Transport

9–12 September 2008 • Manila, Philippines

Public Private Partnerships and Innovative Finance

10 Way Forward

- Developing the appropriate legal, regulatory and institutional regime
- Continued search for effective financing models
- Seeking other market-driven methods to encourage environmental remediation and protection