Green Economy
Making a Difference for People and their Environment

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Asia Pacific

In 2011, more than 4.2 billion people live in Asia-Pacific region, constituting 60% of the world’s population.

In 2009, the Asia-Pacific region produced more energy than any other region in the world, accounting for 46% of total global production...

Natural disasters killed (on average) more than 70,000 people every year during the past decade in the Asia-Pacific region.

With only 0.2 hectares of forest per person, the Asia-Pacific region is, per capita, the least forested region in the world.
Trends in the Region

Economic Growth

Rising Population

Land Degradation

Challenges in the Region

Climate change, energy insecurity, and ecological insecurity which are not short term but pervasive.

Widespread of environmental degradation which endangers ecosystems and freshwater sources.

Increase congestion and pollution, and rising energy, water, solid waste and raw material demand.
### Key Suggestions of ISAP

- **3Rs:** reduce, reuse, recycle, including resource efficiency
- Sustainable consumption and production
- Low carbon development, transportation, and buildings
- Phase out fossil fuel subsides and subsides have negative impacts on environment
- Technology transfer
- Financial mechanism/assistance
- Development of renewable resources
- Education/changing mind set and behavior

### Other Policies for Reducing Carbon Dependency

- **Direct emission policies**
  - Carbon taxes
  - Carbon quotas
  - Cap-and-trade
  - Subsides to GHG emission abatement
- Technology-push policies
  - Subsides to R&D in low-carbon technologies
  - Public-sector R&D in low-carbon technologies
- Strengthened patent rules
  - Government financed technology competitions (with awards)
Financing Mechanisms for Funding Global Ecosystem Conservation

| Global Environmental Facility (GEF) |
| Adaptation Fund                      |
| International Payment for Ecosystem Services (IPES) |
| Reduced emissions from deforestation and forest degradation (REDD+) scheme |
| Global carbon cap-and-auction system |
| Global carbon tax                    |
| International Finance Facility (IFF) |
| Sovereign Wealth Fund (SWF)          |
| Financial Transaction Tax (FTT)      |
| Currency Transaction Tax (CTT or Tobin tax) |

Financing Mechanisms for Funding Global Ecosystem Conservation (cont’)

<table>
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<tr>
<th>Airline travel tax</th>
<th>Aviation or shipping fuel tax</th>
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<td>Arms trade tax</td>
<td>Tobacco excise tax</td>
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How to Make Suggested GE Policies and Instruments to Work

Fill the gaps:
- between upstream and down stream
- knowledge, capacity, and resources

Customized governance and institutional system

Apply affordable, adoptable, and applicable principles

Apply truly global welfare improvement principle

Make education available to all

Thank You