

Green Growth Roadmap

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GG: System Change

- To arrive at **Green Economy** where investment in renewable energies can generate profit, employment, growth
- Based on belief BAU cannot cope 3 crises
- To turn **ecological crisis** into **economic opportunity**
- By re-designing **invisible & visible** system of economy by **Ecological Efficiency (EE)**

Visible & Invisible System

- **Invisible:** the way we produce & consume:
market price, regulations, value,
lifestyle,
 - Internalizing ecological costs most critical
- **Visible:** the way we design built
environment, city, building, transport,
energy, water system,
 - Internalizing Ecological Efficiency

Jump-starting GG

- GG: **not automatic** by Market due to 2 gaps
 - Time gap: short-term cost $>$ long-term benefit
 - Price Gap: ecological price $>$ market price
 - No Empirical Evid: **Has to be made to happen**
- **Government has to lead system change**
 - Private sector: grasp as opportunity rather than
resisting as burden
 - People: has to accept lifestyle change and
render political support

Increasing demands: No clear roadmap

- Korea: **5 year GG Program & Basic Law**
best practice of government leadership
- Cambodia, China, Indonesia, Philippines
- Kazakhstan: **Green Bridge** (Europe &AP)
- Green New Deal:
- GG: Not only about money & tech
Not just for developed countries
Leapfrogging for DCs

GG Roadmap of ESCAP

- Policy Options for System Change
- Based on 5 tracks
 - From quantity to quality of growth
 - Internalizing ecological price
 - Re-design city, building, transport, energy, water system based on ecological efficiency
 - Promoting Green Business
 - Enabling Low Carbon Economics
- Funded by Korea;
to be completed by the end of 2011

Areas for Future Research:

- Quality of Growth: Def, GG Indicator,
- Policy framework to turn Eco-Efficiency & Mitigation as opportunity for Growth
 - How to make impact of mitigation on employment & growth positive?
- How Ecological Fiscal Reform in DCs?
Double Dividend, Revenue Neutrality
- How Re-design our city, building, Energy, Water system?

