



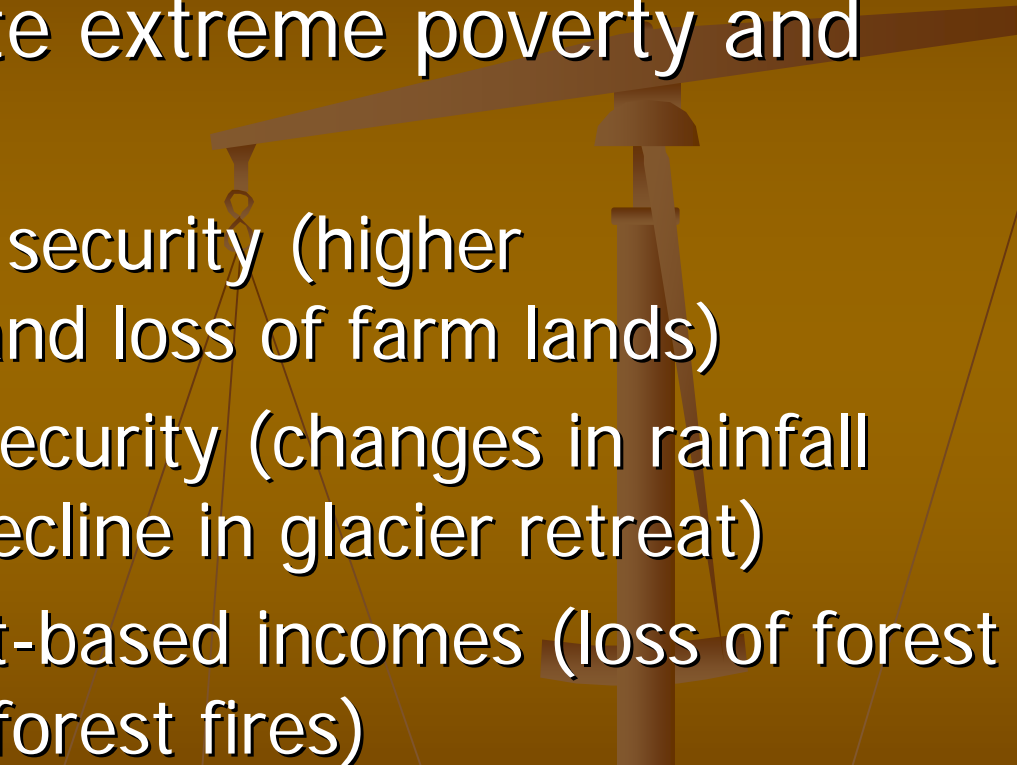
Need for Integrated Policy Interventions to Climate Change and MDGs at Local Level

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Outline

1. Climate Change and MDGs
 2. Political Implications
 3. Possible Policy Interventions
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Climate Change and MDGs (1)

- MDG 1: Eradicate extreme poverty and hunger
 - Threats to food security (higher temperatures; and loss of farm lands)
 - Risks to water security (changes in rainfall patterns; and decline in glacier retreat)
 - Decline in forest-based incomes (loss of forest resources; and forest fires)
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Climate Change and MDGs (2)

- MDG 4, 5 & 6: Reduce child mortality; improve maternal health; and HIV/AIDs, malaria and other diseases
 - Illnesses and deaths (extreme climate events such as huge cyclones/typhoons, floods, draughts, heat waves, etc.; food shortage and water scarcity)
 - Diseases of vector-borne and water-borne

Climate Change and MDGs (3)

- MDG 7: Ensure environmental sustainability
 - Vulnerability of ecosystems and species loss (changes in rainfall patterns; heat waves; forest fires; etc.)
 - Anthropogenic pressures (demands for food and energy security)

Political Implications

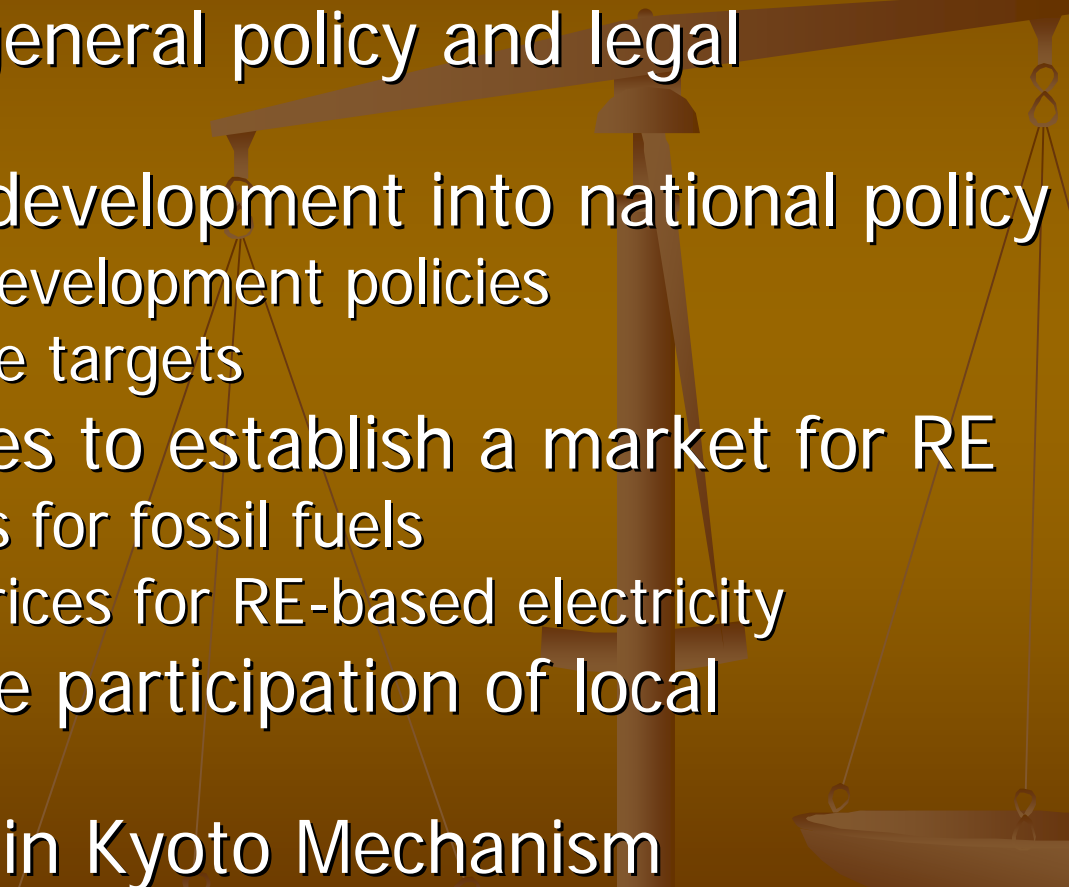
- Achievement of MDGs is getting more difficult due to the current/future climate change
- Focus of CC issues are shifting from “long-term and global” to “immediate and local”
- More and appropriate attentions should be paid upon local challenges
- Need for integrated local and community policy interventions to CC and MDGs: i.e. mitigation, adaptation and development activities

Possible Policy Interventions (1)

- Electrification of non-grid areas through renewable energy (solar and micro wind-turbines)
- Promotion of biomass-based gas supply
- Adaptation strategies at local level

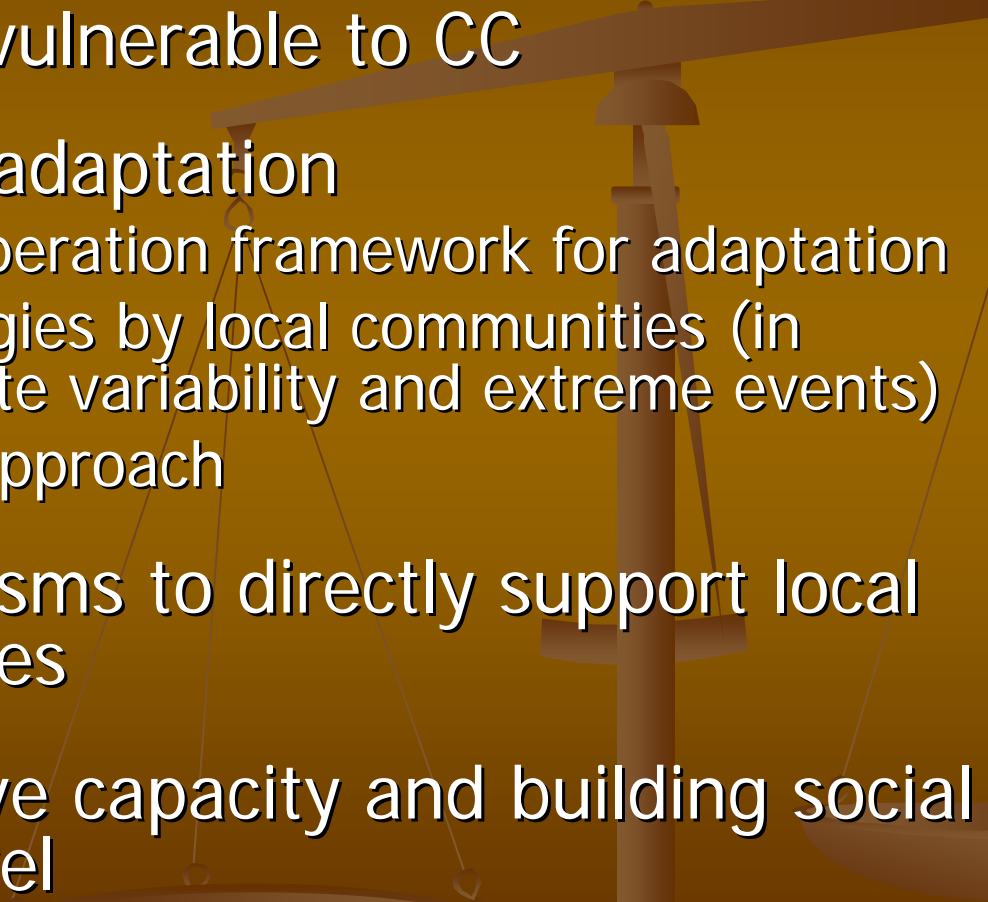
Possible Policy Interventions (2)

Renewable Energy Policies

- Establishment of general policy and legal framework
 - Integration of RE development into national policy
 - Giving priority in development policies
 - Setting quantitative targets
 - Economic incentives to establish a market for RE
 - Reducing subsidies for fossil fuels
 - Assuring buying-prices for RE-based electricity
 - Promotion of active participation of local communities
 - Utilization of CDM in Kyoto Mechanism
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Possible Policy Interventions (3)

Adaptation at Local Level

- Asia is especially vulnerable to CC
 - Urgent needs for adaptation
 - International cooperation framework for adaptation
 - Adaptation strategies by local communities (in response to climate variability and extreme events)
 - Context-specific approach
 - Financial mechanisms to directly support local adaptation activities
 - Improving adaptive capacity and building social capital at local level
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Tank you for your attention!