Can the international framework to combat climate change also contribute to sustainable development?

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Kyoto Protocol and the CDM

Kyoto: Reduces co2 emissions of industrialised countries (annex1)
- Joint Implementation
- Emissions trading
- Clean Development Mechanism
  - Inexpensive tool to reach target annex1
  - Contribute to sustainable development non-annex1
Buyers of CDM Credits

Overall volume: 453.5 million tCO2e  January 2005 to March 2006

Project-distribution of CDM

January 2005 to March 2006
Regional distribution of CDM

January 2005 to March 2006

Milieudefensie - Friends of the Earth Netherlands

Regional contribution to Climate Change

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Project-distribution of CDM

Towards an equitable climate framework

National action (Japan)
  • Sustainability criteria for national CDM projects

International action (Kyoto, post-Kyoto)
  • Change of methodology to allow larger range of projects
National Criteria for sustainable CDM

- Job creation
- Improving agricultural activities
- Improve safe cooking of food
- Improved conditions for education
- Gender equality
- Reducing indoor pollution
- Reduce loss of environmental resources
- Energy security
- Energy costs
- Access to energy
- Co2 emission

CDM projects based on sustainability scoring

These conclusions are based on the following figure.
Possible remedies

- Mandatory implementation of WCD guidelines for all hydro CDM projects throughout the project cycle
- Mechanism to ensure participation of the affected people throughout project cycle
- Provision for civil society intervention beyond project validation phase
- Provision of credible mechanism to blacklist the validator agencies responsible for validation based on wrong claims

Changes in Kyoto Protocol to allow for sustainable CDM

- Allow for bundling of projects
- Create possibilities for renewable energy