

Sustainable Energy and Climate Change

Emilio Lebre La Rovere
Centroclima / PPE / COPPE / UFRJ
Federal University Rio de Janeiro
Rio de Janeiro 21945-970 RJ, Brazil

Designing sustainable energy strategies and establishing the connections with climate change

- Identify how national energy programs can lead to GHG emissions migration to climate change as a co-benefit
- Identify how the implementation of the UNFCCC can help to remove the barriers to the implementation of sustainable energy strategies

Opportunities to tap the potential for Synergy between climate policies and sustainable energy strategies at policy level

- To strengthen the role of regulatory agencies in integrating energy efficiency, renewables and environmental concerns into the restructuring of the energy sector
- Work with states and municipalities in the field of energy planning
- Coupling climate change concerns to the struggle against air pollution from transport in big cities win-win opportunities

Opportunities to tap the potential for Synergy between climate policies and sustainable energy strategies at project level

- To integrate sustainability indicators in the design of project candidates to the Clean Development Mechanism - CDM

SUSTAINABILITY INDICATORS

Environmental Sustainability

- Contribution to the mitigation of Global Climate Change
- Contribution to local environmental sustainability

Social Sustainability

- Contribution to net employment generation
- Contribution to the improvement of quality of life of low-income classes
- Possibilities for regional and sectoral integration

Economic Sustainability

- Contribution to the sustainability of the balance of payments
- Contribution to macroeconomic Sustainability
- Cost Effectiveness
- Maximisation of project owner and Southern country benefits

Technological Sustainability

- Contribution to technological self-reliance
- Potential for technological innovation and replicability

A concrete example:

The South-South-North Project

- A common methodological approach applied to the design of good CDM projects in Bangladesh, Indonesia, South Africa and Brazil.

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