



Centro Clima

**CENTRO DE ESTUDOS INTEGRADOS SOBRE
MEIO AMBIENTE E MUDANÇAS CLIMÁTICAS**

SUSTAINABLE ENERGY AND CLIMATE CHANGE

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WORLD CLIMATE & ENERGY EVENT
RIO 02, 07-10/01/2002**

DESIGNING SUSTAINABLE ENERGY STRATEGIES AND ESTABLISHING THE CONNECTIONS WITH CLIMATE CHANGE

- **IDENTIFY HOW NATIONAL ENERGY PROGRAMS CAN LEAD TO GHG EMISSIONS MITIGATION 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 SINERGY BETWEEN CLIMATE POLICIES AND SUSTAINABLE ENERGY STRATEGIES AT THE POLICY LEVEL

- TO STRENGTHEN THE ROLE OF REGULATORY AGENCIES IN INTEGRATING ENERGY EFFICIENCY, RENEWABLES AND ENVIRONMENTAL CONCERNS INTO THE RESTRUCTURING OF THE ENERGY SECTOR**
- WORKING 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 SINERGY BETWEEN CLIMATE POLICIES AND SUSTAINABLE ENERGY STRATEGIES AT THE PROJECT LEVEL

- TO INTEGRATE SUSTAINABILITY INDICATORS IN THE DESIGN OF PROJECT CANDIDATES TO THE CLEAN DEVELOPMENT MECHANISM - CDM
- *Environmental Sustainability*
- Contribution to the mitigation of Global Climate Change
- Contribution to local environmental sustainability



SUSTAINABILITY INDICATORS

- *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



SUSTAINABILITY INDICATORS

- *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



SUSTAINABILITY INDICATORS

- *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**
- **WWW.SOUTHSOUTHNORTH.ORG**
- **WWW.CENTROCLIMA.ORG.BR**



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