

## INFORMATION NOTE

### IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation (SRREN)

#### Key dates :

- 21-25 January 2008: Scoping meeting for the SRREN in Germany
- 5-8 May 2011: Working Group III Plenary Session for the Approval of the SRREN SPM in Abu Dhabi.

#### Objective:

- Address the information needs of policymakers, the private sector and civil society on the potential of renewable energy sources for the mitigation of climate change, providing a comprehensive assessment of renewable energy technologies and related policy and financial instruments.

#### Contents :

- **Chapter 1** : Renewable Energy and Climate Change  
It contains an Introduction to the report, the overview of renewable energies, the role of renewable energies in climate change mitigation and the methodology for the subsequent chapters.
- **Chapter 2**: Bioenergy
- **Chapter 3**: Direct Solar Energy
- **Chapter 4**: Geothermal Energy
- **Chapter 5**: Hydropower
- **Chapter 6**: Ocean Energy
- **Chapter 7**: Wind Energy

**Chapters 2-7: the Technology Chapters** focus on in depth discussions of their respective resource and technologies while following a similar structure covering Resource potential – market and industry development status – environmental and social impacts – cost trends – potential deployment.

- **Chapter 8:** Integration of Renewable Energy into Present and Future Energy Systems  
It covers the integration of renewable energies into electric power systems, heating and cooling networks and gas grids, and discusses the aspects of integration within the framework of relevant sectors.
- **Chapter 9:** Renewable Energy in the Context of Sustainable Development  
It discusses the relationship between sustainable development and renewable energies. It includes a summary and discussion of environmental and socio-economic impacts of renewable energies across chapters.
- **Chapter 10:** Mitigation Potential and Costs
- **Chapter 11:** Policy, Financing and Implementation  
Assessment of policy options based on the literature and discusses current trends in policy, financing and investment.

**SRREN = Better understanding of**

- Renewable energy resources by region and impacts of climate change on these resources.
- Mitigation potential of renewable energy sources
- Technology and market status, future development and projected rates of deployment
- Options and constraints for integration into the energy supply system and other markets, including energy storage options
- Economic, environmental costs, benefits, risks and impacts of deployment
- How accelerated deployment could be achieved in a sustainable manner
- Capacity building, technology transfer and financing in different regions
- Policy options, outcomes and conditions for effectiveness
- Linkages between renewable energy growth co-benefits and co-costs in achieving sustainable development by region
- Impacts on global, regional and national energy security

**For more information, please consult:**

<http://www.ipcc-wg3.de/publications/special-reports/srren/special-report-renewable-energy-sources>

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