



greenoorja

Initiative to promote
Alternative Energy Development
&
Energy Conservation



The Commonwealth Business Council (CBC) is setting up a major programme in India, called the “Green Oorja” initiative that facilitates the exchange, adoption, development and commercialisation of key renewable energy technologies and those that improve energy conservation.

The Commonwealth Business Council (CBC) was established by the Commonwealth Heads of Government Meeting in October 1997 to involve the private sector in the promotion of trade and investment. We act as a bridge for co-operation between business and government, helping to remove barriers to trade, and mobilise investment into Commonwealth countries. Today we also address major trade and investment related challenges across many industry sectors and geographies, working in partnership with Governments and the private sector.

The initiative is in response to the enormous pressure that is building up on the world to combat climate change and actively cut out and limit the green-house gases. It is launching this initiative in India given the country's fast growth and the need to introduce alternative energy solutions. India is also an important country for this initiative as it is a major source of innovation and new technology initiatives. The initiative, which will be spearheaded by CBC's technology wing named “Commonwealth Technologies”, is designed to not only strengthen the innovation eco-system in India but to also facilitate investments into development of alternative energy technologies.

Key Initiative Outputs

1. Develop a comprehensive map of clean energy eco-system in India that includes:

- a. Gap analysis – Technology availability; Technology Development; Technology Investment.
- b. Create a map of current research capabilities in laboratories, academic institutions and industry.
- c. Identify organisations or institutions that are developing clean energy technologies, the types they are developing and the level of advancement.
- d. Develop a case-study journal of successful and failed implementations.
- e. Develop an understanding of the Indian market needs.
- f. Develop a map of all organisations that are actively interested in bringing foreign

- technologies into the Indian market.
- g. Understand various commercialisation models
- h. Make investments in new clean energy technologies

2. Develop Partnerships and disseminate information

- a. Promote active collaborations with partners to share information and knowledge.
- b. Encourage collaborative innovation.
- c. Provide inputs to Government for policy development.

3. Promote energy conservation techniques

The initiative will propagate to the Indian industry the effective and proven energy conservation techniques from around the world.

4. Make Investments

On completion of the mapping exercise the initiative will set up an investment fund to invest into the further development of clean energy technologies.

Core Founding Partners

- Technology Development Board, Ministry of Science & Technology, Government of India
- BP
- Tata International
- Indian Institute of Technology, Bombay
- Bird & Bird
- Commonwealth Business Council



Technologies

The following are the types (but not limited to) of technologies that will be addressed through this initiative:

- Solar Thermal
- Solar Photovoltaic
- Wind Turbines
- Micro-Turbines
- Biogas plants
- Biomass gasifiers
- Hydro and Tidal power plants
- Bio-Fuels
- Clean Coal Technology
- Urban and Industrial Waste
- Specialist methods developed by communities

Initiative Timelines

- Initiative Launch: May 2008
- Mapping Exercise: May Sept. 2008
- Major Conference: December 2008
- Investment Phase: December 2008+

More Information & Participation

To find out more information about the initiative and how your organization may participate please visit: www.greenoorja.com

Energy Conservation

- Building Ventilation & Cooling
- Technology Equipment Usage Management
- Building Controls
- Systems & Controls
- Building Materials
- Other industry specific solutions
- Energy Management

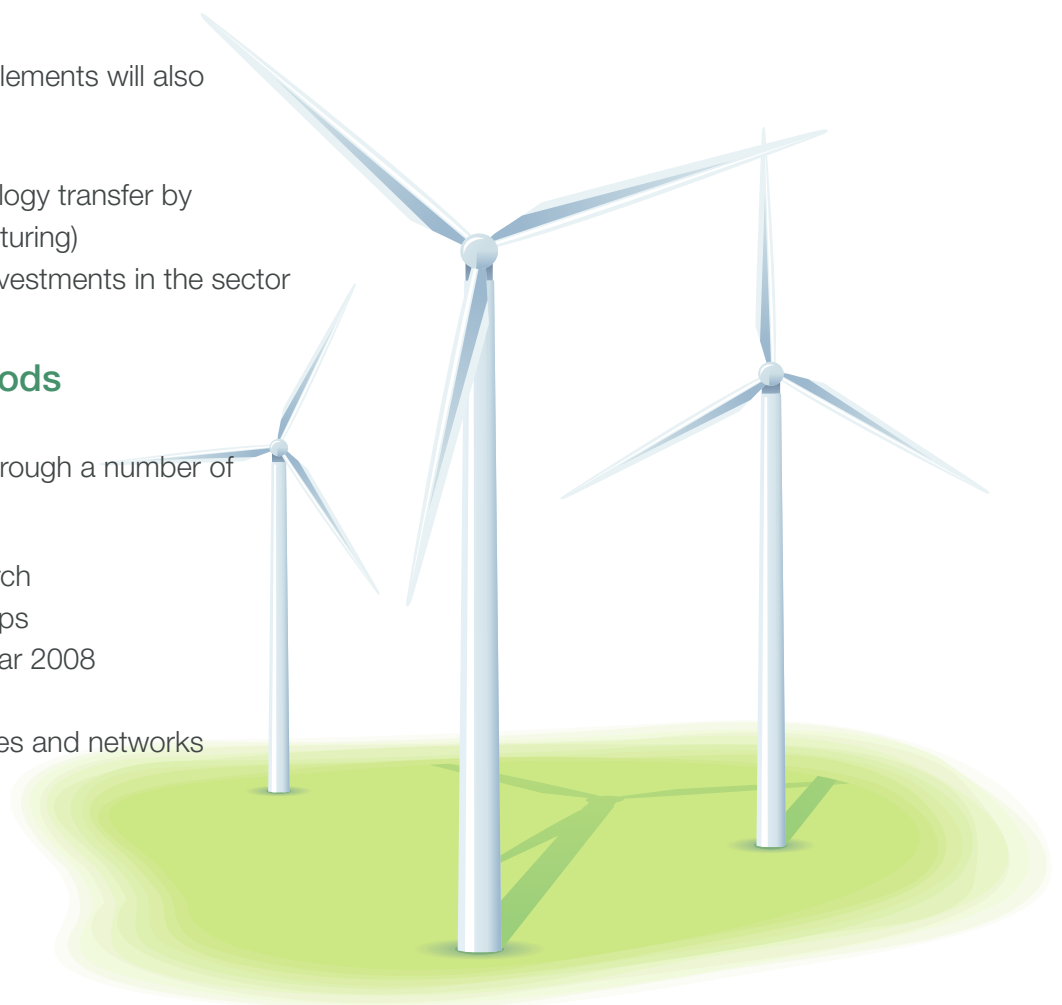
In addition to this the initiative elements will also address:

- Intellectual Property issues
- Reducing the cost of technology transfer by indigenisation (local manufacturing)
- Venture Capital and Angel investments in the sector

Initiative Delivery Methods

The initiative will be delivered through a number of channels including:

1. Primary & Secondary Research
2. Series of dedicated workshops
3. A major conference in the year 2008
4. High profile media exposure
5. Consolidating existing linkages and networks





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