



सत्यमेव जयते

Government of India



IUSSTF
Indo-US S&T Forum



Networking R&D Projects in Clean Energy

The **Indo-US Joint Clean Energy Research and Development Center (JCERDC)** has been established under an MoU between the Governments of India and the United States of America. The JCERDC is funded by the Indian Ministry of Science & Technology and US Department of Energy (DOE). **The Indo-US JCERDC will support multi-institutional networked R&D projects using public-private consortia model of funding.**

OBJECTIVES

- Enhance energy cooperation, energy security, clean energy and climate change research.
- Facilitate joint R&D on clean energy.
- Generate key technological advancements in clean energy sector through public-private collaboration.
- Deploy clean energy technologies rapidly with the greatest impact and global good.

PRIORITY AREAS IDENTIFIED FOR SUPPORT

- **Solar Energy** encompassing solar electricity production, nanoscale designs of interfaces & cells, advanced photovoltaic technologies, concentrating solar power technologies etc.
- **Second Generation Biofuels** covering conversion technologies for advanced biofuels, optimal characterization for lingo-cellulosic feedstocks, algal biofuel, standards & certification for different biofuels and co-product with end-use applications etc.

- **Energy Efficiency of Buildings** including building heating and cooling, cool roofs, advanced lighting, energy-efficient building materials, software for building design and operations, building-integrated photovoltaics etc.

FUNDING

- **Annual Program Funding:** US \$5 million each year from each Government committed for a period of five years
- **Matching Funds:** Consortia partners to contribute matching fund for any awarded proposal under the JCERDC
- **Total Award Size:** Solar energy (US \$12.5 million), Second generation biofuels (US \$6.25 million) and Building efficiency (US \$6.25 million) for projects each year

For more information, please visit:

<http://www.indousstf.org/JCERDC.html>

<http://www.energy.gov/news/10332.htm>

The program is coordinated and administered through the **Indo-US Science & Technology Forum (IUSSTF) in India and DOE in the US.**

INDO-US JOINT CLEAN ENERGY RESEARCH AND DEVELOPMENT CENTER