

# US-India nuclear energy partnerships

by

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- **Indo-US Civil Nuclear Agreement**  
(Hyde Act, 123 Agreement, IAEA Safeguards, NSG Waiver, Reprocessing Agreement, Nuclear Liability Bill/Convention on Supplementary Compensation), **2005-2010**
- **American and Indian Nuclear Societies MOU, 2007**
- **Invitation to participate in ‘Science at the National Ignition Facility’ at Livermore Lab, 2008**
- **US Nuclear Engineering Dept Heads Organization (NEDHO) Agreement**  
(Collaboration with Indian institutions in the education, research and training in nuclear engineering), **2009**
- **ANS Chapter opened in India, February 2011**
- **MOU between Idaho National Laboratory and India’s Dept of Atomic Energy, 2011**

# US-India Discovery Science Collaboration

- Energy
  - Thorium based energy production
  - Transmutation of nuclear waste
- Materials Development
- Medical Science
  - Proton and ion Radiation treatment
  - Radioisotope production
- Environment
- Basic Science and Technology
  - Human Resource Development