

### **Event Press Release**

**CARBON CAPTURE, STORAGE & UTILIZATION: a possible climate change solution for energy industry, 2015, Eds. Malti Goel, M. Sudhakar, R.V. Shahi, pp 290, TERI Press, New Delhi ISBN 9788179935682 .**

**20 Jan 2015 New Delhi.** Hon Union Minister of Railways Dr. Suresh Prabhu released the book *Carbon Capture, Storage, and Utilization* by Dr.Malti Goel at function in Railway Bhawan. The book is published by TERI (The Energy and Resources institute) a dynamic nongovernmental organization which works for sustainable environment with a global vision and a local focus.

Speaking on the book launch Dr.Suresh Prabhu Hon Union Minister of Railways said it was imperative that problems and challenges arising out of carbon dioxide emissions are addressed approximately. also underlined the fact that Ministry of Railways is the biggest consumer of energy in the country. While it mostly uses electricity and diesel but now using alternate sources of energy like wind, solar, CNG and Bio fuels. Referring to the energy scenario in the country, he said that while India is making vigorous efforts to use alternate sources of energy like solar energy, wind geo thermal, bio fuels but our dependence on fossil fuel will continue for many years. Global efforts in this direction, particularly during last ten years, have raised some optimism that in coming years Carbon Capture and Storage could become a reality and very soon thereafter could even become cost effective. All efforts have to be mobilized to see that these technologies become relevant for developing economies to adapt.

Praising the timely publication Dr. Suresh Prabhu said the book is an example of multi-disciplinary approach toward analyzing the climate change issue as it brings to reader different point of view from experts of earth science, environment and energy consuming industries.

The book is edited by Malti Goel former Adviser and Senior Scientist Ministry of science & technology, Government of India, M Sudhakar Advisor/Scientist 'G', Ministry of Earth Sciences, Prithvi Bhawan and R V Shahi CMD Energy Infratech & Former Secretary, Minister of Power

Emphasizing the importance of this sustainable technology Anupama Jauhry Head TERI Press said that TERI is committed toward finding innovative solutions for a sustainable future and our latest publication provides a possible climate change solution for energy industry. She also hopes *Carbon Capture, Storage and Utilization* will prove beneficial for the readers in their research and academic pursuits.

In his welcome speech Shri R.V Shahi, CMD Energy Infratech & Former Secretary, Minister of Power mentioned that even though the Carbon Capture and Storage Technology might take some time to be cost effective, it is important that Indian industry consuming coal become responsive towards research and technology development.

Dr. Malti Goel while explaining the concept of carbon capture said that "Carbon capture and storage (CCS) is among the advanced energy technologies suggested to make the conventional fossil fuel sources environmentally sustainable. It is of particular importance to coal-based economies". Carbon Capture, Storage, and Utilization deals at length with the various aspects of carbon dioxide capture, its utilization and takes a closer look at the earth processes in carbon dioxide storage. It discusses potential of Carbon Capture, Storage, and Utilization as innovative energy technology towards a sustainable energy future.