

# Sustainable Energy – A transformational Journey

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# Presentation outline

- What ?
- How ?
- When ?
- Who ?
- Summary and carry forward

What ? .....

# An International Edited Volume on **sustainable energy** with only invited chapters

Chapters are contributed by leading academicians, Scientists of Research organizations, Industry R&D, policy makers, senior consultants, professionals, policy makers etc. from India and abroad

Chapters are highlighting energy sustainability issues – either global or India specific

Most chapters are basically interdisciplinary in nature

**Committed chapters with submitted abstracts : 40**

**Chapters are from countries:**

**India, Norway, USA, UK, Malaysia, Philippines, South Africa, .....**

**Contributions include:**

**-- Concepts of energy sustainability, both theoretical and practical issues**

**-- Report on development/implementation of new technologies both at lab scale and/or at industry**

How ? .....



At Energy & Environment committee meeting in March 2015 ....





**Presentation in that meeting .....**





Visiting CESC Budge Budge Plant in May 2016.....





Presentation sharing technology experience .....



**Exploring CESC Budge Budge Plant .....**





Exploring Sustainable Energy Education: Inaugural Panel





Exploring Sustainable Energy Education: Industry-Education



Visiting BCCI with bigger group, Nov. 2016: [With Norwegian Consul, Kolkata](#)

When ? .....



# **Time Schedule: chronology**



**Initially Conceptualized: in February Feb 2017 by Prof. Mohsen Assadi (UiS, Norway) and Prof. Sudipta De (JU, India)**

**Shared the idea with Ms. Swati Mehershi, Executive Editor, Applied Science & Engineering of Springer, New Delhi.**

**Shared with: Mr. Deb A Mukherjee (BCC&I) and Prof. Santanu Bandyopadhyay (IIT-B). They accepted the idea and joined as editors to carry forward the project.**

**Subsequently several meetings at BCCI with Mr. Subhodip Ghosh and Ms. Angana Guha.**

**Book Proposal submitted to Springer: in June 2017 and supplementary material submitted in July 2017**

**Expected Date of Publication: December, 2017**

Who ? .....

# Editors



**Prof. Sudipta De**  
**Jadavpur University**



**Prof. Mohsen Assadi**  
**University of Stavanger, Norway**



**Prof. Santanu Bandyopadhyay,**  
**IIT-Bombay**



**Mr. Deb A Mukherjee,**  
**BCC&I**

- Summary and carry forward

# Summary

- An international edited volume on 'Sustainable Energy' is being developed
- Both global and specifically Indian issues are addressed in this volume
- Contributions are both from academia and industry from India and abroad
- Most of the contributions are interdisciplinary in nature
- Editing involves Jadavpur University, IIT-Bombay, University of Stavanger, Norway and Bengal Chamber of Commerce and Industry
- Publication of the volume is by December 2017

# Carry forward...



- Energy and environment issues are mostly interdisciplinary and several new applications/regulations are involved.
- Updating with new knowledge and skill is the key to success in these two areas.
- Planning of dissemination of knowledge and manpower training with definite objective is the need of the present.
- Industry and academia need to work together with possible collaboration within or outside the country
- This work together may be the beginning of a future knowledge/resource platform with a business model if others also join hands in this venture.

# Thank you !!