

INDIAN ZERO CARBON ENERGY PATHWAYS (IDEA)

MODEL DISSEMINATION WORKSHOP

DATE & TIME

21ST FEBRUARY, 2023
FROM 9:30 AM TO 5:30 PM

VENUE

DEPARTMENT OF MANAGEMENT STUDIES,
INDIAN INSTITUTE OF SCIENCE,
C.V. RAMAN ROAD, BENGALURU - 560 012
<https://goo.gl/maps/v2Vza5nVhTxz9qoF9>

NO REGISTRATION FEE !!

AIM

- To provide an overview of the open-source energy modelling tool – IDEA and illustrate its building blocks using R and GAMS software.
- To demonstrate the modelling code and analyze their transitions on operation, environment, and economic pathways.

OBJECTIVE

- Provide orientation training for using open-source energy modelling in improving their system's operational efficiency.
- To demonstrate how the model can be tweaked to fit the industry needs with respect to resource planning, operation management, generation expansion planning, energy-efficient methods etc.
- How IDEA model could help industries/stakeholders/think tanks in their policy landscaping.

Key Takeaways



Net Zero Targets

Industries and other energy consumers can optimize and plan energy efficiency methods to achieve net zero targets.



Engagement

Interaction with the modelling community across industry, academia and government officials.



Effective Tool

Strategic/management tool for deriving policy landscape in achieving zero carbon transition for future years.



Learning Experience

Hands on learning experience of open source energy modelling.



WHO SHOULD ATTEND?

Professionals and academicians working on energy modelling, climate change, sustainability studies, and carbon footprint reduction strategies.

Agenda

Time	Items
9:30 to 10:00 AM	Registration
10:00 to 10:10 AM	Welcome Address
10:10 to 10:25 AM	Overview of the project
10:25 to 10:40 AM	Open source modelling and its opportunities for India
10:40 to 11:00 AM	About IDEEA, energy modelling and expected outcome
11:00 to 11:30 AM	Tea Break
11:30 to 1:00 PM	Model Training - Session 1
01:00 to 2:00 PM	Lunch
02:00 to 3:30 PM	Model Training - Session 2
03:30 to 4:00 PM	Tea Break
04:00 to 5:00 PM	Open roundtable discussion with the participants
05:00 to 05:15 PM	Concluding remarks & future directions
05:15 to 5:20 PM	Vote of Thanks

**** Participation certificates from IISc and EDF ****

CONTACT DETAILS

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Please register here

<https://forms.gle/6hbTmW6A3CVGmMFY8>

**** ONLY LIMITED SEATS ****

Organized by

Initiative



**The Sutra Group,
Department of Management
Studies, Indian Institute of
Science (IISc)**



Indian Zero Carbon Energy Pathways

Our Knowledge Partners

