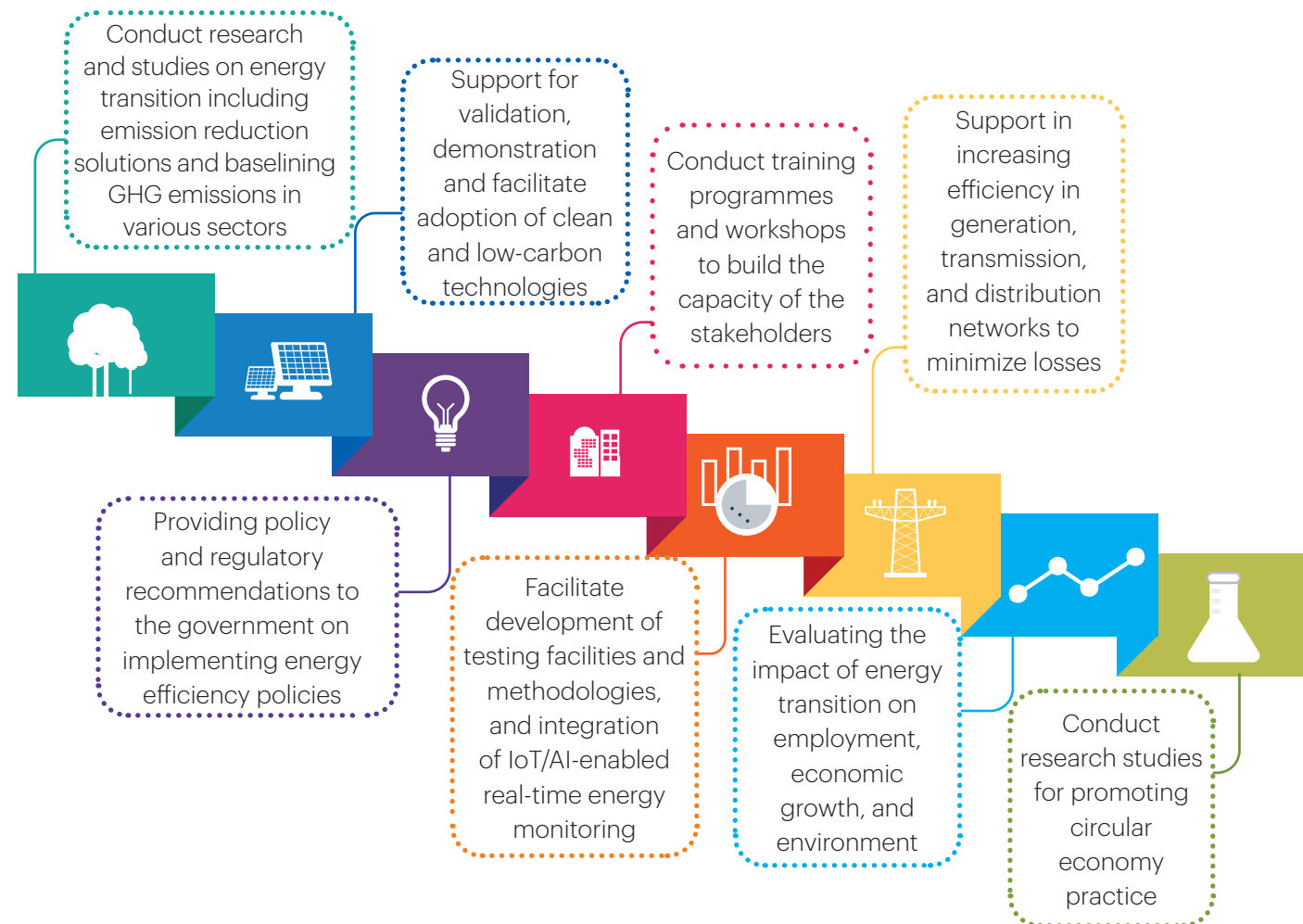


## Centre of Excellence on Energy Transition (CoEET)

TERI in collaboration with the Bureau of Energy Efficiency (BEE), Ministry of Power is setting up the first Centre of Excellence at TERI's Institute of Energy Transition at its campus in Hyderabad.



Through its state-of-the-art facilities, world-class expertise, and strategic partnerships, the Institute of Energy Transition at TERI Hyderabad will emerge as a vital platform for innovation, driving meaningful change at the local, national, and global levels.

Together, let's embark on a journey towards a more sustainable tomorrow, where research meets action, and knowledge transforms into impact.

**Power the  
change!**

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# INSTITUTE OF ENERGY TRANSITION

## Your Gateway to Sustainable Energy Solutions



The global landscape is evolving, with a steadfast commitment to transforming our energy systems to combat the pressing challenge of climate change. Now, more than ever, there is an urgent need to redefine our approach to energy. This shift is crucial for minimizing environmental impact while paving the way for a resilient and sustainable future.

India stands at the forefront of this transformation, determined to transition from conventional forms of energy to innovative and sustainable solutions across power, industry, transport, buildings, and other sectors.

This ambitious endeavour is designed to drive growth and fulfil the aspirations of our people without compromising on our development trajectory.



Introducing the Institute of Energy Transition (IoET) at TERI's Hyderabad campus—a pioneering hub set to catalyze transformative research and innovation under the overarching themes of energy, environment, and sustainability. Set against the backdrop of pressing global challenges, this centre represents a beacon of hope, dedicated to advancing knowledge and solutions towards a greener, more resilient future.

## Vision

At IoET, we envision a world-class knowledge hub that bolsters cutting-edge research, analysis, studies, and capacity building in the field of energy, environment and sustainable development. The Institute will facilitate collaboration between industry-academia-civil society to transition towards cleaner pathways and boosting economic growth.

Our vision is to be a key driver in India's march towards net zero 2070 by fostering a dynamic environment.

**Join forces with IoET  
to Power the Change!**

## OBJECTIVE & SCOPE OF WORK

The Institute would undertake inter-disciplinary studies, research, and analysis at the technology, policy as well as project levels on various themes including but not limited to the following domains:

01	03	05	07	09	11
Clean energy solutions in solar, wind, biofuels, and emerging green technologies.	Life cycle analysis, waste management, circularity, and resource optimization	Vulnerability and climate risk assessment	Energy storage options like battery energy storage systems, pumped storage plants, and concentrated solar plants	Integrated energy assessment and modelling	Sustainable and people-centric energy transition
Energy efficiency across all sectors of the economy	Net-zero emission pathways	Digitalization and smart grids	Sustainable infrastructure development	Clean mobility solutions	Agriculture and bio-energy
02	04	06	08	10	12

## MULTI-STAKEHOLDER COLLABORATION



Our institute will be designed with various units and Centres of Excellence (CoE), each focusing on key areas of energy transition, including renewable energy, energy efficiency, biofuels, circularity, climate change, etc.