

# Mission Innovation (MI) Face to Face meeting of Innovation Challenges(IC)

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***Source:*** Press Information Bureau

The Union Minister of Science & Technology inaugurated the Mission Innovation (MI) Face to Face meeting of Innovation Challenges(IC). During the event, the Minister has mentioned that India is going to increase the share of non-fossil fuel, and by 2022 plan to increase our renewable energy capacity to much beyond 175 GW and later till 450 GW.

## **Objectives of the meeting**

- To take stock of the deliverables by MI and its plans until 2020.
- Another major objective is to identify major gap areas in Clean Energy Innovation and how to address these beyond 2020 to make MI more impactful.

## **About Mission Innovation**

- **Mission Innovation was announced in November 2015** due to **pioneering efforts by India, France, and the USA**, as world leaders came together in Paris to undertake ambitious efforts to combat climate changes.
- **Mission Innovation (MI) is a global initiative of 24 countries and the European Union** to dramatically accelerate global clean energy innovation.
- **As part of the initiative, participating countries have committed to double their governments' clean energy research and development (R&D) investments over five years**, while encouraging greater levels of private sector investment in transformative clean energy

technologies.

- These additional resources are expected to dramatically accelerate the availability of the advanced technologies that will define a future global energy mix that is clean, affordable, and reliable.
- **Mission Innovation has identified eight (8) Innovation Challenges** which are global calls to action aimed at accelerating research, development, and demonstration (RD&D) in technology areas where increased international attention would make a significant impact in the shared fight against climate change.
- The Innovation Challenges cover the entire spectrum of RD&D; from early-stage research needs assessments to technology demonstration projects.
- India is also co-leading Smart Grids, Off Grids and Sustainable Biofuels Innovation and is actively participating in all ICs and other activities of MI. **These challenges taken up under Analysis and Joint Research and co-led by India and Canada include:**
  1. Smart Grids
  2. Off-Grid Access to Electricity
  3. Carbon Capture
  4. Sustainable Biofuels
  5. Converting Sunlight
  6. Clean Energy Materials and
  7. Affordable Heating and Cooling of Buildings Innovation Challenge