

Sectoral

Sustainability

1. What are some new technologies introduced by the Govt to promote sustainable energy?

The Ministry of New and Renewable Energy (MNRE) is driving innovative technology programs, initiating projects for research, development, and demonstration. These projects span prestigious research institutions, universities, national labs, and industries. They catalyze indigenous research, industry expertise, skilled manpower, and prototype development within the country. Some sources of green energy are: Hydrogen Energy, Fuel Cells, Battery Operated Vehicles, Biofuels etc.

2. Which key sectors of the Indian Economy are focusing on sustainability as a mission?

India has set an ambitious target of Net Zero by 2070. In order to achieve the targets set at COP27, the Government has undertaken the Panchamrita Strategy and has identified green growth as one of the focus areas in the Union Budget 2023. Some sectors championing sustainability are: Renewable Energy Automobiles (EV) Tourism Agriculture

3. What are some initiatives/missions launched by the Government to promote sustainability?

The National Action Plan on Climate Change is a comprehensive framework adopted by the GOI to address the challenges posed by climate change. The NAPCC outlines strategies and measures across various sectors to promote sustainable development, mitigate greenhouse gas emissions, and enhance the country's resilience to the impacts of climate change. Eight missions under NAPCC are: National Solar Mission National Mission for Enhanced Energy Efficiency National Mission on Sustainable Agriculture National Water Mission National Mission for Sustaining the Himalayan Ecosystem National Mission for a Green India National Mission for Sustainable Habitat National Mission for Strategic Knowledge on Climate Change

4. What is a Circular Economy?

A circular economy is a sustainable economic model that emphasizes reducing waste and resource consumption by designing products for reuse, refurbishment, and recycling. It aims to create a closed-loop system where materials and products are continuously regenerated, extending their lifecycle and minimizing environmental impact.