

Major Initiatives to Reduce the Impact of Climate Change



State Climate Change Cell under NMSKCC
Department of Environment & Climate Change
Government of Haryana

Funded by:



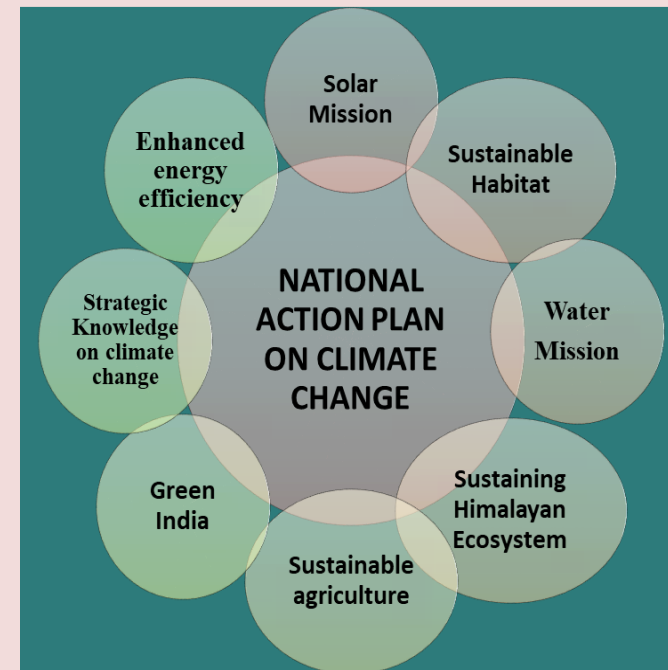
Government of India
Ministry of Science & Technology
Department of Science & Technology
Climate Change Programme (CCP)

Global Initiatives

- **Intergovernmental Panel on Climate Change (IPCC):** It was created in 1988 jointly by the World Meteorological Organization (WMO) and the United Nations Environmental Programme (UNEP) to address climate change issues and to provide up-to-date picture of the current state of scientific knowledge relating to climate change.
- **United Nations Framework Convention on Climate Change (UNFCCC):** It is an international environmental treaty adopted on 9 May 1992 and entered into force on 21 March 1994. Its objective is to stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.
- **Kyoto Protocol:** It is an international treaty that commits to reduce greenhouse gas emissions namely Carbon dioxide (CO_2), Methane (CH_4), Nitrous oxide (N_2O), Hydrofluorocarbons (HFCs) Perfluorocarbons (PFCs) and Sulphur hexafluoride (SF_6). It was adopted in Kyoto, Japan on 11 December 1997 and entered into force on 16 February 2005. There are currently 192 parties to the Protocol.
- **Paris Agreement:** It is an agreement within UNFCCC which aims to hold the increase in the global average temperature to well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels. It was drafted December 2015 at France.

National Initiatives

- **National Action Plan on Climate Change (NAPCC):**
 - ✓ Government of India (GoI) submitted its first National communication to UNFCCC in June 2004 and second in May 2012.
 - ✓ National Action Plan on Climate Change was prepared in 2008, focusing on adaptation and mitigation actions through below mentioned eight missions.



Recently Government of India has introduced four new missions under NAPCC-

1. **Mission on Wind Energy**
2. **Mission on Human Health**
3. **Mission on Coastal Areas**
4. **Mission on Waste to Energy**