

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1101
TO BE ANSWERED ON 08.02.2019

National Action Plan on Climate Change

1101. SHRI RAJENDRA AGRAWAL:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the key achievements under the National Action Plan on Climate Change, along with the cumulative capacity installed under the National Solar Mission till 2018;
- (b) the afforestation activities carried out by the Government over the last five years;
- (c) whether there are any research centres established to study and observe climate change issues across the country and if so, the details thereof; and
- (d) the achievements of various projects under the National Water Mission over the last five years?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. MAHESH SHARMA)

- (a) to (d)** The key achievements under the National Action Plan on Climate Change (NAPCC) including National Solar Mission and National Water Mission are:
- i.** A cumulative capacity of 25.21 GW has been installed till December 2018 under the National Solar Mission.
 - ii.** Afforestation activities under the National Mission for a Green India were carried out in an area of 57,239.28 ha in forest and non-forest lands in eight States.
 - iii.** 6 thematic task forces and 11 state climate change cells have been set up to facilitate climate change action in the Himalayan states under the National Mission on Sustaining Himalayan Ecosystem.
 - iv.** 11 centres of excellence and 23 major R&D programmes are supported in different areas, and 8 global technology watch groups have been set up under the National Mission on Strategic Knowledge for Climate Change.
 - v.** Achievements under the National Water Mission, *inter alia* include, award of R&D studies on impact of climate change on water resources in seven river basins, 18 States/UTs have been requested for preparation of State wise implementation plans for rain water harvesting and artificial recharge to ground water; development of comprehensive water database in public domain and assessment of impact of climate change on water resources; award of one demonstration / pilot project on grey water to blue water based on “Natural Treatment Techniques for Transforming Wastewater into Sustainable Useable Water”; collaboration with Bureau of Indian Standard (BIS) for improving water use efficiency; signing of Memorandum of understanding (MoU) by 23 States/UTs for preparation of their State Specific

- Action Plans for water security; baseline studies in irrigation sector; desalination plant in collaboration with Central Salt and Marine Chemicals Research Institute.
- vi.** The Perform, Achieve and Trade (PAT) scheme under the National Mission for Enhancing Energy Efficiency has resulted in an energy saving of 8.67 MTOE which has led to an emissions reduction of 31 million tonnes.
 - vii.** A total area of 1,59,813 ha has been brought under System of Rice Intensification, and 1,62,274 ha has been brought under Direct Seeded Rice system till 2016-17 under the National Mission on Sustainable Agriculture.
 - viii.** Energy Conservation Building Code 2007 has been made mandatory for new as well as old buildings under the National Mission on Sustainable Habitat. Under Mass Rapid Transit System, 326 km of metro rail have been brought in operation.
