

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1002**  
TO BE ANSWERED ON 08.02.2019

**Effects of Climate Change**

1002. SHRI RAVINDRA KUMAR PANDEY

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

- (a) the salient features of India's Intended Nationally Determined Contribution (INDC) for mitigating the effects of climate change;
- (b) whether the Government has sought/ proposes to seek technological support from other countries to implement INDC;
- (c) if so, the details and the outcome thereof;
- (d) whether the developed countries have committed to provide financial assistance for implementation of INDC and if so, the details thereof; and
- (e) the details of other efforts being made by the Government to mobilize funds for the implementation of INDC?

**ANSWER**

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

- (a) India, in its Nationally Determined Contribution (NDC), has committed (i) to reduce the emissions intensity of its GDP by 33 to 35 percent by 2030 from 2005 level, (ii) to achieve about 40 percent cumulative electric power installed capacity from non-fossil fuel based energy resources by 2030 with the help of transfer of technology and low cost international finance including from Green Climate Fund (GCF), and (iii) to create an additional carbon sink of 2.5 to 3 billion tonnes of CO<sub>2</sub> equivalent through additional forest and tree cover by 2030. The other targets pertain to sustainable lifestyles; climate friendly growth path; climate change adaptation; climate finance; and technology and capacity building.
- (b) and (c) A Technology Framework has been agreed under the Paris Agreement, which will be implemented in post-2020 period. India launched the International Solar Alliance (ISA) on 30<sup>th</sup> November, 2015, jointly with the Government of France. The ISA is aimed at facilitating strategic and collaborative research and development and capacity building in the area of solar energy. India has also joined the "Mission Innovation", a global collaborative effort to accelerate clean energy innovation, with the objective to make clean energy affordable.

(d) Under the Paris Agreement, the developed countries have committed to mobilise US\$ 100 billion per year and agreed to enhance it beyond US\$ 100 billion per year post 2020. Green Climate Fund (GCF) has been set up under the UNFCCC as an operating entity of the financial mechanism of the Convention.

(e) Action on climate change is based on the budgetary outlays of Departments and Government at various levels. Besides, the Government has launched the National Adaptation Fund on Climate Change (NAFCC) to assist States and Union Territories to undertake projects and actions for adaptation to climate change. Several programmes and activities for sustainable development and climate change mitigation and adaptation are also implemented in coordination with and support from multilateral agencies such as Global Environment Facility (GEF).

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