

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 4034**  
TO BE ANSWERED ON 10.08.2018

**Impact of Climate Change on GDP Growth**

4034. DR. KAMBHAMPATI HARIBABU:

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

- (a) whether the Government has conducted any study to assess the impact of climate change on the GDP growth of the country along with the mitigation strategies that are to be undertaken to check the trend;
- (b) if so, the details thereof; and
- (c) the details of names of all the Government programmes that are directed towards reducing the Carbon Foot Print (CFP) of the economy for achieving India's INDC's under Paris Climate Agreement?

**ANSWER**

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

- (a) to (c) The Government has not conducted any specific study to assess the impact of climate change on the GDP growth of the country. However, all efforts to combat climate change are being made. In the pre-2020 period, India took up a voluntary goal to reduce the emission intensity of its Gross Domestic Product (GDP) by 20-25 per cent from 2005 levels by 2020. India's emission intensity of GDP has reduced by 12% between 2005 and 2010 (as per India's first Biennial Update Report submitted to United Nations Framework Convention on Climate Change) in line with our voluntary goal, while the GDP of the country approximately doubled during this period and population increased by about 18%.

The commitments under Paris Agreement, called "Nationally Determined Contributions" (NDC), are to be implemented in post 2020 period. The programmes and schemes of various missions under the National Action Plan on Climate Change (NAPCC) and actions under the State Action Plan on Climate Change (SAPCC) will help achieve our NDCs. The missions under the NAPCC are National Solar Mission (NSM); National Mission on Enhanced Energy Efficiency (NMEEE); National Mission on Sustainable Habitat (NMSH); National Water Mission (NWM); National Mission for Sustainable Agriculture (NMSA); National Mission for Sustaining the Himalayan Ecosystem (NMSHE); Green India Mission (GIM); National Mission on Strategic Knowledge for Climate Change (NMSKCC).

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