

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 1180
TO BE ANSWERED ON 22.12.2017

Global Warming

1180.SHRI RAVNEET SINGH:

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

- (a) whether the Government has undertaken actions post Paris Agreement for ecological and environmental transition against global warming;
- (b) if so, the details thereof;
- (c) whether any action plan/policy has been finalised in this regard;
- (d) if so, the details thereof; and
- (e) whether the Government has monitored the cumulative carbon footprint of the country during the last three years and if so, the details thereof?

ANSWER

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

(a) to (d) Under the Paris Agreement, climate action termed as Nationally Determined Contributions (NDC) is to be implemented in post 2020 period by all Parties.

In the pre-2020 period, Government of India despite having no binding obligations under the United Nations Framework Convention on Climate Change (UNFCCC) announced its voluntary goal to reduce the emission intensity of its GDP by 20-25% by 2020 in comparison to the 2005 level. India has achieved 12% reduction in emission intensity between 2005 and 2010. Relevant activities, as part of specific national missions to achieve the domestic goal in the area of climate change, are implemented by Government through National Action Plan on Climate Change (NAPCC). Government of India has also embarked upon ambitious actions in the areas of renewable energy, afforestation, energy efficiency, planned urban development, adaptation measures in sectors including agriculture, water resources, coastal areas, Himalayan region, health etc.

(e) As per the latest Biennial Update Report submitted by Government of India to United Nations Framework Convention on Climate Change (UNFCCC) in December 2015, the quantum of India's gross greenhouse gas (GHG) emissions (excluding Land Use, Land-Use Change, and Forestry) in 2010 was 2.136 billion tonnes Carbon dioxide equivalent (CO₂eq). India's

contribution to cumulative global CO₂ (1850-2011) was only 3 per cent as against 21 per cent by the USA and 18 per cent by the European Union. According to the information available, India's emissions are far lower than GHG emissions of other major countries including China (11.183 billion tonnes CO₂eq), USA (6.713 billion tonnes CO₂eq), European Union (4.834 billion tonnes CO₂eq) and Brazil (2.902 billion tonnes CO₂eq). India's per capita GHG emission in 2010 was 1.56 tonnes CO₂eq which is less than one-third of the world's per capita emissions and far below that of other developed and developing countries like China (8.22 tonnes CO₂eq), USA (21.5 tonnes CO₂eq), Germany (11.42 tonnes CO₂eq).
