

CLIMATE CHANGE (DR. MAHESH SHARMA): (a) to (d) The Ministry of Environment, Forest and Climate Change has received a study document through e-mail on Thermal Papers from M/s Toxics Link (a Non-Government Organisation). The study was supported by Swedish Society for Nature Conservation. The study has claimed presence of Bisphenol-A (BPA) in thermal papers which is reported to be coated on it. The study document has been sent to relevant organisation *i.e.* Bureau of Indian Standards (BIS) being the nodal authority regulating quality specification of writing and printing papers.

Measures and policies for tackling climate change

1020. SHRI D.P. TRIPATHI: Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the measures and policies formulated by the Ministry to tackle climate change;
- (b) if so, the details thereof, and the budget allocated for the year 2018-19 to implement the policies; and
- (c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (DR. MAHESH SHARMA): (a) to (c) In the pre-2020 period, India announced its voluntary goal to reduce the emission intensity of its Gross Domestic Product (GDP) by 20-25 per cent from 2005 levels by 2020. According to Biennial Update Report submitted by Government of India to United Nations Framework Convention on Climate Change (UNFCCC) in 2016, India has achieved 12% reduction in emission intensity between 2005 and 2010 and is on course to achieve the voluntary goal by 2020. Under the Paris Agreement, India has submitted its Nationally Determined Contribution (NDC) to the UNFCCC outlining eight (8) targets for 2021-2030, including (i) to reduce Emission Intensity of its Gross Domestic Product (GDP) by 33 to 35 per cent by 2030 from 2005 level, (ii) to achieve about 40 per cent 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), (iii) to create an additional carbon sink of 2.5 to 3 billion tonnes of CO₂ equivalent through additional forest and tree cover by 2030. The other targets pertain to sustainable lifestyles; climate friendly growth path; climate change adaptation; climate change finance; and capacity building and technology.

To achieve the goals, Government of India is implementing the National Action Plan on Climate Change (NAPCC) which includes eight national missions being implemented

by various Ministries in specific areas of Solar Energy, Enhanced Energy Efficiency, Sustainable Habitat, Water, Sustaining the Himalayan Ecosystem, Green India, Sustainable Agriculture and Strategic knowledge for Climate Change. Further, 32 States/Union Territories have prepared State Action Plans on Climate Change (SAPCC) consistent with the objectives of NAPCC. Government of India is also implementing a dedicated National Adaptation Fund to implement adaptation actions in vulnerable sectors across the country.

For the financial year 2018-19, total budget of ₹ 150 Crores has been allocated to climate change division of Ministry of Environment, Forest and Climate Change.

Reserved forests in Manipur

1021. SHRI K. BHABANANDA SINGH: Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the details of reserved forests in Manipur, district-wise;
- (b) whether any afforestation programmes, schemes and projects were carried out with the Central financial assistance in the State during the last three years; and
- (c) if so, the details thereof along with their corresponding funding and the details of achievements thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (DR. MAHESH SHARMA): (a) As per information received from Principal Chief Conservator of Forests, Government of Manipur and Forest Survey of India, Dehradun, the total area under Reserve forest, Protected forest and unclassed forest in Manipur are 1467 square kilometer, 4171 square kilometer and 11780 square kilometer respectively. The district-wise list of reserve forest in the State of Manipur is given in the Statement-I (*See* below).

(b) and (c) To further increase the forest cover in the country, afforestation programmes are being taken up including during the last three years under various Centrally Sponsored Schemes such as National Afforestation Programme (NAP) and Green India Mission (GIM) being implemented by Ministry of Environment, Forest and Climate Change. Afforestation activities are also taken up under various programmes/funding sources such as Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), National Bamboo Mission, Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) and Compensatory Afforestation Fund Management and Planning Authority (CAMPA).

The details of releases and total area against which release have been made under