

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO.3235
TO BE ANSWERED ON 31.03.2022

Achievements of Climate Change division of the Ministry

3235. DR. VINAY P. SAHASRABUDDHE:

Will the Minister of Environment, Forest and Climate Change be pleased to state:

- (a) the major achievements of the Ministry's Climate Change (CC) division over the last four years, the details thereof;
- (b) the total number of projects sanctioned and funded by the Climate Change division under its various schemes, State-wise details thereof for the last five years; and
- (c) the total number of projects sanctioned under the National Adaptation Fund for Climate Change (NAFCC) in the State of Maharashtra, and their current status, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI ASHWINI KUMAR CHOUBEY)

(a) Ministry of Environment, Forest and Climate Change (MoEF&CC) co-ordinates actions for tackling climate change across relevant Ministries/Departments of Government of India, States and Union Territories (UTs), in line with India's commitments under multilateral climate agreements such as the United Nations Framework Convention on Climate Change (UNFCCC) and Paris Agreement (PA). MoEF&CC anchors the National Action Plan on Climate Change (NAPCC) which provides an overarching framework for climate action in the country, covering mitigation, adaptation and generating strategic knowledge for climate change. There are 8 National Missions covering solar energy, energy efficiency, water, sustainable agriculture, green India mission, sustaining the Himalayan ecosystem, Strategic Knowledge for climate change and sustainable habitat, under the NAPCC. National Missions under NAPCC have been revised to align them with India's Nationally Determined Contributions (NDCs) under PA up to 2030. MoEF&CC has also anchored India's participation and leadership in various international forums including, inter alia, meetings of the Conference of Parties under UNFCCC, United Nations Secretary-General (UNSG) Climate Summit, Major Economies Forum (MEF) etc. India has submitted updates to its National Communication (NC) under UNFCCC. India has achieved, inter alia, 24% reduction in emission intensity of its Gross Domestic Product over the period of 2005-2016 and its current share of non-fossil sources based installed capacity of electricity generation has become more than 40% in February, 2022. India has also enhanced its climate targets at COP 26 in 2021, including net zero by 2070. MoEF&CC is implementing central sector schemes, including inter alia, National Adaptation Fund for Climate Change (NAFCC) and the Climate Change Action Plan (CCAP). India, in partnership with Sweden, launched the Leadership group in Industry transition track. India also announced the launch of Coalition for Disaster Resilient Infrastructure.

(b) Under NAFCC, till date, 30 projects are sanctioned in 27 States and UTs with total project cost of Rs 847.48 crores. 28 projects are under various stages of implementation. National Bank for Agriculture and Rural Development (NABARD) is the National Implementing Entity (NIE) and Year-wise funds released to NABARD against the States/ UTs are placed at **Annexure I**. Under CCAP, funds are released under various sub components which include State Action Plan on Climate Change (SAPCC) with approved cost of 20 lakhs per State/UT, Demonstration projects with a sanctioned cost of Rs 12,90,66,500/- for four projects and capacity building projects with a sanctioned cost of Rs 12,000,000/- for twelve projects to various States/UTs. The details of the State/UT wise fund released under these sub-components of CCAP are at **Annexure II**. In addition, under CCAP, two all India coordinated research projects are also being implemented (i) National Carbonaceous Aerosols Programme (NCAP) with a sanctioned cost of Rs 67,16,10,000/- and (ii) Long Term Ecological Observatories (LTEO) project with a sanctioned cost of Rs 40,00,00,000/-.

(c) Under NAFCC, one project 'Efficient water management and agriculture technology adoption for climate adaptive and resilient farming system in 51 villages of Nandurbar and Buldhana districts of Maharashtra' is sanctioned in the State of Maharashtra with a grant of Rs 22.95 crore. So far, Rs 11.55 crore has been released to NABARD. Another multistate project 'Restoration of degraded landscapes to natural state of ecosystem for climate resilience and livelihood improvement of vulnerable communities covering three states (Telangana, Maharashtra and Rajasthan)' is sanctioned with a grant of Rs 126.10 crore in which Maharashtra has a grant of Rs. 21.36 crore. In both of the Projects, National Bank for Agriculture and Rural Development (NABARD) is the implementing agency. MoEF&CC has released an amount of Rs. 34.14 crore for all three states.

ANNEXURE REFERRED TO REPLY IN PART (b) OF RAJYA SABHA UNSTARRED QUESTION NO. 3235 DUE FOR 31.03.2022 REGARDING 'ACHIEVEMENTS OF CLIMATE CHANGE DIVISION OF THE MINISTRY' RAISED BY DR. VINAY P. SAHASRABUDDHE.

Year-wise, funds released to NABARD** in last five years against the States/ UTs under their sanctioned NAFCC project

| Financial Year | Funds Released to NABARD (Amount in Rupees) | State/UT |
|----------------|---|---|
| 2016-17 | 10,00,00,000 | Sikkim |
| | 11,55,15,307 | Maharashtra |
| | 8,79,05,001 | Gujarat |
| | 12,42,77,650 | Assam |
| | 11,56,05,000 | West Bengal |
| | 8,76,62,167 | Haryana |
| | 12,43,90,451 | Madhya Pradesh |
| | 6,35,68,108 | Andhra Pradesh |
| | 12,10,76,316 | Karnataka |
| | Total: 94,00,00,000 | |
| 2017-18 | 12,48,87,500 | Rajasthan |
| | 11,53,31,000 | Bihar |
| | 12,33,34,500 | Nagaland |
| | 6,31,47,000 | Uttar Pradesh |
| | 12,36,00,000 | Jharkhand |
| | 60,33,00,000 | Punjab, Haryana, Rajasthan & Uttar Pradesh (Regional Project) |
| | Total: 1,15,36,00,000 | |
| 2018-19 | 10,00,00,000 | Tamil Nadu |
| | 2,00,00,000 | Rajasthan |
| | 5,00,00,000 | Kerala |
| | 3,00,00,000 | Mizoram |
| | 3,00,00,000 | Manipur |
| | 5,00,00,000 | Himachal Pradesh |
| | 6,16,00,000 | Sikkim |
| | 6,90,12,823 | Tamil Nadu |
| | 11,95,76,582 | Arunachal Pradesh |
| | 9,34,94,000 | Puducherry |

| Financial Year | Funds Released to NABARD (Amount in Rupees) | State/UT |
|-----------------------|--|--|
| | 5,00,00,000 | Tamil Nadu |
| | 8,00,00,000 | Rajasthan |
| | 34,13,16,595 | Telangana, Maharashtra & Rajasthan (Multi State Project) |
| | Total: 1,09,50,00,000 | |
| 2019-20 | 5,00,00,000 | Meghalaya |
| | 12,56,82,652 | Gujarat |
| | 2,00,00,000 | Manipur |
| | 2,50,00,000 | Sikkim |
| | 2,19,04,532 | Mizoram |
| | 2,37,00,000 | Tamil Nadu |
| | 2,20,00,000 | Uttar Pradesh |
| | 4,69,07,812 | Himachal Pradesh |
| | Total: 33,51,94,996 | |
| 2020-21 | 5,23,50,256 | Uttar Pradesh |
| | 6,45,77,200 | Meghalaya (TSP) |
| | 6,00,74,102 | Sikkim (NER) |
| | 2,80,00,000 | West Bengal |
| | 3,00,00,000 | Kerala |
| | 10,68,20,000 | Telangana |
| | 3,00,00,000 | West Bengal (SCSP) |
| | 2,76,00,000 | West Bengal |
| | 2,00,00,000 | Chhattisgarh |
| | 1,00,00,000 | Chhattisgarh (TSP) |
| | Total: 42,94,21,558.00 | |

(**) National Bank for Agriculture and Rural Development (NABARD) is the National Implementing Entity for NAFCC.

Annexure II

ANNEXURE REFERRED TO REPLY IN PART (b) OF RAJYA SABHA UNSTARRED QUESTION NO. 3235 DUE FOR 31.03.2022 REGARDING 'ACHIEVEMENTS OF CLIMATE CHANGE DIVISION OF THE MINISTRY' RAISED BY DR. VINAY P. SAHASRABUDDHE.

Funds released to the States/UTs in last five years under CCAP(SAPCC -27 States/UTs, Demonstration projects -04 States and Capacity Building - 12 States/UTs)

| Financial Year | Fund Released (Amount in crore) | State/UT |
|----------------|------------------------------------|-------------------|
| 2016-17 | 4,00,000 | Karnataka |
| | 1,25,59,576 | Punjab |
| | 6,00,000 | Manipur |
| | 6,00,000 | Nagaland |
| | 6,00,000 | Arunachal Pradesh |
| | 2,16,80,000 | Madhya Pradesh |
| Total | 3,64,39,576 | |
| 2017-18 | 4,00,000 | Arunachal Pradesh |
| | 22,88,000 | Tamil Nadu |
| Total | 26,88,000 | |
| 2018-19 | 4,54,00,000 | Madhya Pradesh |
| | 4,00,000 | Haryana |
| | 10,00,000 | Telangana |
| | 4,00,000 | Nagaland |
| | 2,68,689 | Tamil Nadu |
| Total | 4,74,68,689 | |
| 2019-20 | 12,00,000 | Karnataka |
| | 12,00,000 | Uttarakhand |
| | 12,00,000 | Gujarat |
| | 12,00,000 | Puducherry |
| | 12,00,000 | Bihar |
| | 12,00,000 | Telangana |
| | 12,00,000 | Jharkhand |
| | 12,00,000 | Sikkim |
| | 12,00,000 | Nagaland |

| | | |
|--------------|--------------------|-------------------|
| | 12,00,000 | Tamil Nadu |
| | 12,00,000 | Tripura |
| | 12,00,000 | Odisha |
| | 95,20,000 | Madhya Pradesh |
| | 12,00,000 | Goa |
| | 22,00,000 | Chandigarh |
| | 12,00,000 | Haryana |
| | 12,00,000 | Maharashtra |
| | 12,00,000 | Manipur |
| | 12,00,000 | Arunachal Pradesh |
| | 12,00,000 | Assam |
| | 1,14,63,000 | Punjab |
| Total | 4,47,83,000 | |
| 2020-21 | 12,00,000 | Himachal Pradesh |
| | 12,00,000 | Chhattisgarh |
| | 12,00,000 | Kerala |
| | 12,00,000 | Meghalaya |
| | 8,00,000 | Odisha |
| | 12,00,000 | Rajasthan |
| | 8,00,000 | Madhya Pradesh |
| | 12,00,000 | Uttar Pradesh |
| | 18,00,000 | Punjab |
| | 12,00,000 | West Bengal |
| | 4,00,000 | Chandigarh |
| | 10,00,000 | Haryana |
| Total | 1,32,00,000 | |
