

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 950
TO BE ANSWERED ON 08.02.2019

Targets under Various Schemes

950. SHRI BIDYUT BARAN MAHATO:
SHRI NARANBHAI KACHHADIYA:
SHRI P.P. CHAUHAN:

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

- (a) the details of the schemes launched in his Ministry since the year 2014 till date along with the details of targets set and the achievements made under each of the said scheme, year-wise;
- (b) the details of the proposals received from various States along with the proposals approved under the schemes sponsored by his Ministry, State/UT-wise;
- (c) the details of funds allocated and utilized for implementation of various schemes of his Ministry during each of the last four years and the current year, scheme and State/UT-wise; and
- (d) whether the Government has set any time limit for completing the pending schemes and if so, the details thereof?

ANSWER

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

(DR. MAHESH SHARMA)

- (a) Schemes namely National Mission on Himalayan Studies, National Adaption Fund Climate Change Action Programme and Control of Pollution have been launched since the year 2014 to till date. Control of Pollution has been approved in November, 2018. The details of the targets set and the achievements made under schemes are attached as Annexure-I.
- (b) The details of the proposals received from various states under schemes are attached as Annexure-II.
- (c) The details of funds allocated and utilized under schemes are attached as Annexure-III.
- (d) Standing Finance Committee (SFC)/Expenditure Finance Committee (EFC) of the schemes are approved till 2019-20.

Annexure-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 950 FOR ANSWER ON 08.02.2019

National Mission on Himalayan Studies

Year	Mission Targets	Achievements
2015-16	<ul style="list-style-type: none">• Establishment of Project Management Unit (PMU) at GB Pant Himalayan Institute of Environment and Development (GBPIHED)• Implementation of NMHS for 12 states in Indian Himalayan Region (IHR) under 25 thematic areas• Initiation of Himalayan fellowships in 12 Universities and Institutes	<ul style="list-style-type: none">• PMU made functional with database centre• 26 new studies launched • 89 Himalayan Junior Research Fellowships (HJRFs) and 39 Himalayan Research Associates (HRAs) awarded • 3 existing laboratories upgraded
2016-17	<ul style="list-style-type: none">• Strengthening of the Project Management Unit (PMU) and Data base Centre at GBPIHED• Studies and interventions on thematic areas of work in IHR in 27 projects/ start of 12 new projects• Creation of 50 HJRFs and 25 RAs and continuation of 89 JRFs and 30 RAs	<ul style="list-style-type: none">• Operation of Database management centre at GBPIHED for online reporting • Compilation of data base and information from 27 projects and start of 14 new projects • A cadre of 119 young and trained Himalayan environmental managers, ecologists, socio-economists, etc.
2017-18	<ul style="list-style-type: none">• Continuation of the Project Management Unit (PMU) and Database Management Centre at GBPIHED• Studies and interventions on thematic areas of work in IHR in 42 projects/ start of 12 new projects• Continuation of 119 HJRFs and HRAs and initiation of 50HJRFs and HRAs• Strat of state Govt. projects and Him-Nature learning Centres (NLCs) in 4 IHR states	<ul style="list-style-type: none">• Full scale operation of Database management centre at GBPIHED for online monitoring • Compilation of data base and information from 41 projects and start of 62 new projects • Developing a cadre of 157 young and trained Himalayan environmental managers, ecologists, socio-economists, etc. • 5 New State govt. projects started • 5 Him- NLCs started in 5 state
2018-19	<ul style="list-style-type: none">• Running of the Project Management Unit (PMU) and Data base Centre at	<ul style="list-style-type: none">• Operation of Database management centre at GBPIHED with user interaction/

	<p>GBPIHED</p> <ul style="list-style-type: none"> • Studies and interventions on thematic areas of work in IHR with completion of 103 projects and start on 12 new projects • Continuation of 157 HJRFs/HRAs and initiation of 50HJRFs and 25 HRAs • Strengthening of research facilities in key Institute including GBPIHED 	<p>organizing meets/ workshops</p> <ul style="list-style-type: none"> • Compilation of data base and information from 103 ongoing projects and start of 32 new projects • Creation of 157 young and trained Himalayan environmental managers, ecologists, socio-economists, etc. and start of 11 new fellowships. • 3Dvisualization facility and data handling facility in Central
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National Adaption Fund

The target of the scheme is to meet the cost of adaptation measures in areas like agriculture, animal husbandry, fisheries, water, biodiversity and ecosystem services etc. that are vulnerable to climate change. Till date, 27 projects (including one Regional Project) have been approved at a total cost of Rs. 673.63 Cr. and Rs. 369 Cr has been released.

Climate Change Action Programme (CCAP)

The key activities of the scheme include Coordination of National Action Plan on Climate Change (NAPCC), State Action Plan on Climate Change (SAPCC), National Institute for Climate Change Studies and Actions (NICCSA), National Carbonaceous Aerosols Programme (NCAP), Long Term Ecological Observatories (LTEO) for Climate Change Studies, Coordinated Studies on Climate Change for North East Region (CSCCNER), International negotiations and contributions and Capacity Building.

Sub-scheme	Target	Achievements
National Carbonaceous Aerosols Programme (NCAP)	<ul style="list-style-type: none"> • Preparatory work for development of science plan, identification of institutes for funding and implementation, sampling, source characterisation etc. 	<ul style="list-style-type: none"> • Science plan prepared by IIT Bombay and approved by MoEFCC • Awarded NCAP studies to IIT Bombay led consortium of 17 institutions
Long Term Ecological Observatories for Climate Change Studies (LTEO)	<ul style="list-style-type: none"> • Preparatory work for launch of LTEO, selection of sites in geographical zones, and installation of weather stations 	<ul style="list-style-type: none"> • Science plan of the LTEO prepared by IISc Bangalore and launched at the sideline of COP21 in Paris. • 11 activities shortlisted for funding from 32 proposals
Coordination of the National Action Plan on Climate Change	<ul style="list-style-type: none"> • Servicing to the Executive Committee on Climate Change (ECCC) and Prime Minister's Council on Climate Change • Interactive meeting with State Governments and National 	<ul style="list-style-type: none"> • Organized 5 meetings of the Executive Committee on Climate Change to review the progress of implementation of the National Missions under NAPCC. • Organized 1 meeting of the

Sub-scheme	Target	Achievements
	Missions	Prime Minister's Council on Climate Change.
Coordinated Studies on Climate Change for North East Region (CSCCNER)	<ul style="list-style-type: none"> Develop science plan for studies on climate change impact and create knowledge base in NER 	<ul style="list-style-type: none"> It is being developed by Govind Ballabh Pant Institute, Panth Nagar.
Capacity building & State Action Plan on Climate Change	<ul style="list-style-type: none"> Preparation and implementation of SAPCC Capacity enhancement of States in respect of climate change 	<ul style="list-style-type: none"> 32 State Action Plans have been prepared and approved by MoEFCC 19 capacity building and 3 demonstration projects supported.
International Negotiations & Contributions	<ul style="list-style-type: none"> Participation of Indian delegation in international negotiation process including COP Financial contribution to UNFCCC and Kyoto Protocol on annual basis Participation in bilateral and multilateral meetings 	<ul style="list-style-type: none"> Participated at COP-20, COP-21, COP-22, COP-23 and COP-24 Organized India Pavilions at COP-21, COP-22, COP-23 and COP-24 Contribution to UNFCCC / Kyoto Protocol

Control of Pollution

Control of Pollution' has been conceptualized in 2018 on the basis of existing schemes through rationalization and merger of existing schemes to provide financial assistance to Central Pollution Control Board (CPCB) and State Pollution Control Boards/ Pollution Control Committee (SPCBs/ PCCs) in lieu of Water Cess funds; National Clean Air Programme (NCAP) and other CPCB's schemes. The targets set for the year 2018-19 and 2019-20 are as under:

- (i) Financial support to CPCB, SPCBs and PCCs for identified activities viz. Laboratory Development, E-Governance and IT applications including online consent management, Online emission/effluent monitoring systems, development of IT infrastructure, Training and Mass Awareness, Pollution Assessment (Source monitoring, Monitoring of Ambient Air, water and Noise).
- (ii) Funding to National Clean Air Programmes (NCAP) including augmentation of National Ambient Air Monitoring Programmes (NAMP) and Continuous Ambient Air Quality Monitoring Stations (CAAQMS).
- (iii) Assistance for Operation and Maintenance (O & M) of NAMP and CAAQMS stations
- (iv) Assistance for Monitoring of the water quality of aquatic resources under National Water Monitoring Programme
- (v) Assistance for establishment of National Ambient Noise Monitoring Network – NANMN
- (vi) Funding for Outreach Programmes.

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 950 FOR ANSWER ON 08.02.2019

National Mission on Himalayan Studies

S. No.	Year of Sanction	Project Title	Project Proponent	Fund (Cr)
1.	2017-18	Dispersal, Communication and Conservation Strategies for Tiger (<i>Pantheratigris</i>) in Kumaon Himalayas of Uttarakhand, India-Uttarakhand	Director, Haldwani Zoo & Conservator of Forests, Western Circle, Haldwani Uttarakhand	2.76
2.	2017-18	Rejuvenation of Rispana River in Uttarakhand - Uttarakhand	Shri P K Patro, Conservator of Forest, Yamuna Circle, Dilaram Bajar, Mussoorie Forest Division, Uttarakhand Forest Department, Dehradun, Uttarakhand	4.99
3.	2017-18	Eco-Restoration Activities in Nachan Forest Division - Himachal Pradesh	Shri T.R. Dhiman, The Divisional Forest Officer (DFO)- Nachan Forest Division, Gohar Distt. Mandi, Himachal Pradesh	2.96
4.	2017-18	Eco-Restoration and up-gradation of Degraded Forest Land into an Eco-Model (Nature Park) - Himachal Pradesh	Dr. Neeraj Kumar Chadha, The Divisional Forest Officer (DFO), Kullu Forest Division, Himachal Pradesh Forest Department, Himachal Pradesh	3.00
5.	2017-18	Eco-Restoration Proposal for Chaurasi Kutia - Uttarakhand	Director/ Chief Conservator, Rajaji Tiger Reserve, Uttarakhand Forest Department Dehradun, Uttarakhand	2.12
6.	2017-18	Him-Nature Learning Centre (NLC)-Assam	Shri Abhay Kumar Johari, IFS Principal Chief Conservator of Forest (Climate Change and Biodiversity) Aranya Bhawan, Assam	3.76
7.	2017-18	Him-Nature Learning Centre (NLC)- Himachal Pradesh	Dr. Avilasha Singh, Divisional Forest Officer, Great Himalayan National Park, Shamshi, Distr. Kullu Himachal Pradesh	2.75
8.	2017-18	Him-Nature Learning Centre (NLC)-Manipur	Shri Anurag Bajpai, CCF, Manipur Zoological Garden Imphal, Manipur	4.10
9.	2017-18	Him-Nature Learning Centre (NLC)- Nagaland	Dr. S.P. Tripathi, Chief wildlife Warden/Director, Nagaland Zoological Park	2.80
10.	2017-18	Him-Nature Learning Centre (NLC)-Tripura	Shri Jaykrishnan VK, IFS, DFO, Sepahijala, Tripura	3.70
Total				32.94

National Adaption Fund

(Rs. in Crores)

S. No.	States	Title of the Project	Total Cost of the project	Amount Released
Approved and Sanctioned Projects in the F. Y. 2015-16				
1	Kerala	Promotion of integrated farming system of Kaipad in coastal wetlands of North Kerala	25.00	12.50
2	Jammu & Kashmir	Climate Resilient Sustainable Agriculture in Rain – Fed Farming (Kandi) Areas of Jammu & Kashmir	22.51	11.25
3	Mizoram	Sustainable Agriculture Development through Expansion, Enhancement and Modelling in the state of Mizoram	10.38	5.19
4	Punjab	Towards Climate Resilient Livestock Production System in Punjab.	17.40	13.92
5	Telangana	Resilient Agricultural Households through Adaptation to Climate Change in Mahbubnagar district, Telangana.	24.00	6.00
6	Himachal Pradesh	Sustainable Livelihoods of agriculture – dependent Rural communities in drought prone district of Himachal Pradesh through climate smart solutions.	20.00	10.00
7	Puducherry	Integrated Surface Water Management through rejuvenation of 20 tanks and 32 village ponds for Climate Change Adaptation in Puducherry	16.76	3.95
8	Meghalaya	Spring-shed development works for rejuvenation of springs for climate resilient development in the water stressed areas of Meghalaya	22.91	11.45
9	Odisha	Conserve Water through the Management of runoff in the River basin to improve ground water recharge to reduce vulnerability and enhance resilience for traditional livelihood in Nuapada	20.00	16.00
10	Chhattisgarh	Climate Adaptation Strategies in Wetlands along Mahanadi River Catchment areas in Chhattisgarh	21.47	10.73
11	Manipur	Model Carbon Positive Eco-Village in Phayeng of Manipur	10.00	5.00
12	Tamil Nadu	Management and rehabilitation of coastal habitats and biodiversity for climate Change Adaptation and Sustainable Livelihood in Gulf of Mannar, Tamil Nadu, India	24.74	12.37
Total Cost in the F.Y 2015-16			235.17	118.36
Approved and Sanctioned Projects in the F. Y. 2016-17				
13	Andhra Pradesh	Climate Resilient interventions in Dairy Sector in coastal and Arid areas in Andhra Pradesh.	12.71	6.36
14	Haryana	Scaling-up Resilient Agriculture Practices towards Climate Smart Villages in Haryana	22.09	8.77
15	Karnataka	Conservation and Management of Indigenous	24.22	12.11

		varieties of livestock (Cattle and Sheep) in the Wake of Climate Change in Karnataka.		
16	Madhya Pradesh	Increasing Adaptive Capacity to Climate Change through developing climate-Smart Villages in Select Vulnerable Districts of Madhya Pradesh	24.87	12.44
17	West Bengal	Rain Water harvesting and sustainable water supply to the hilly areas in Darjeeling adaptive measures climate change impacts	23.12	11.56
18	Maharashtra	Efficient water management and agriculture technology adoption for climate adaptive and resilient farming system in 51 villages of Nundurbar and Buldhana districts of Maharashtra	22.95	11.47
19	Sikkim	Addressing Climate Change vulnerability of Water Sector at Gram Panchayat Level in drought prone areas of Sikkim.	24.67	10.00
20	Assam	Management of Ecosystem of Kaziranga National Park by creating Climate Resilient Livelihood for Vulnerable Communities through Organic farming and pond based Pisciculture	24.56	12.43
21	Gujarat	Climate Change adaptation for Natural Resource Dependent communities in Kachchh, Gujarat.	21.36	8.79
Total cost in the F.Y 2016-17			200.55	93.93
Approved and Sanctioned Projects in the F. Y. 2017-18				
22	Rajasthan	Mukhya Mantri Jal Swavlamban Abhiyaan (MJSa) for Climate Change Adaptation and Water harvesting in Arthuna, Anandpuri and Sajjangarh Blocks of District Banswara in Rajasthan.	24.98	12.49
23	Bihar	Scaling up climate smart agricultural through mainstreaming climate smart villages in Bihar.	23.10	11.53
24	(for Punjab, Haryana, UP & Rajasthan State)	Regional Project - Climate Resilience Building among Farmers through Crop Residue Management.	120.66	60.33
25	Nagaland	Gene pool Conservation of Indigenous Rice Varieties under Traditional Integrated Rotational Farming System (<i>Jhum optimisation</i>) for Promoting Livelihood and Food Security as Climate Change Adaptation Strategy in Nagaland	24.67	12.33
26	Uttar Pradesh	Ecosystem Services based Adaptation to Climate Change Project in Bundelkhand Region of Uttar Pradesh	19.80	6.31
27	Jharkhand	Enhancing Climate Resilience of Forests and its Dependent Communities in Two Landscapes of Jharkhand.	24.73	12.36
Total cost in the F.Y 2017-18			237.94	115.35

Climate Change Action Plan

Details of CCAP Demonstration Projects:

S. N.	State	Year	Name of Project	Total Grant Sanctioned (INR)	Grant Disbursed (INR)
1	Tamil Nadu	2015	Coastal habitat rehabilitation for Climate Change adaptation in Gulf of Mannar, South-eastern India: Improving Ecosystem services and fisheries livelihood	6,704,500	6,556,689
2	Madhya Pradesh	2016	Enhancing Adaptive Capacity to Climate Change through Conservation of Traditional water Supply sources of Indore city	50,000,000	41,680,000
3	Punjab	2016	Technological Adaptation for Gainful Utilisation of Paddy Straw	22,362,000	12,099,000

Control of Pollution

So far no proposal received from States / UTs under this scheme.

Annexure-III

ANNEXURE REFERRED TO IN REPLY TO PART (C) OF LOK SABHA UNSTARRED QUESTION NO. 950 FOR ANSWER ON 08.02.2019

National Mission on Himalayan Studies

(Rs. in crore)

Financial Year	Allocation	Released by Ministry to GBPHIED	Expenditure by GBPHIED
2015-16	100.00	64.08	28.24
2016-17	50.00	16.50	12.69
2017-18	50.00	41.00	70.99
2018-19 (as on 04.02.2019)	50.00	45.00	28.37

National Adaption Fund

(Rs. in crore)

Financial Year	Allocation	Expenditure
2015-16	150.00	128.46
2016-17	100.00	96.94
2017-18	119.41	119.41
2018-19 (as on 04.02.2019)	110.00	42.44

Climate Change Action Programme

(Rs. in crore)

Financial Year	Allocation	Expenditure
2014-15	23.00	5.50
2015-16	25.00	16.55
2016-17	47.00	45.72
2017-18	40.00	26.86
2018-19 (as on 04.02.2019)	40.00	20.69

Control of Pollution

(Rs. in crore)

Financial Year	Allocation	Expenditure
2018-19 (as on 04.02.2019)	Allocation will be made after approval of third batch of Supplementary	NA
