

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 3257
TO BE ANSWERED ON 21.08.2025

Efforts to Alleviate Impacts of Climate Crisis

3257. SHRI K.R. SURESH REDDY:

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

- (a) the details of climate adaptation measures being implemented under the National Adaptation Fund for Climate Change (NAFCC);
- (b) the funds allocated and utilized under each measure in the last five years, State/UTwise; and
- (c) whether the Ministry has undertaken any assessment of the effectiveness of these measures in reducing climate vulnerability and if so, the findings thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI KIRTI VARDHAN SINGH)

(a) to (c) The National Adaptation Fund for Climate Change (NAFCC) was established to support adaptation initiatives in India's States and Union Territories (UTs). Implemented on a project basis, 30 projects were sanctioned under NAFCC across 27 States and UTs, with a total approved cost of Rs 847.48 crores. The National Bank for Agriculture and Rural Development (NABARD) acts as the National Implementing Entity (NIE) for NAFCC. These projects focussed on different areas of adaptation including; (i) Climate smart Village/Agriculture (ii) Sustainable Livelihoods (iii) Soil and Water Conservation (iv) Forest, Biodiversity and Land Degradation Management and (v) Livestock & Fisheries Management.

The details of the projects sanctioned under the scheme along with the funds sanctioned, released and utilized under NAFCC project over the last five years are given in Annexure 1 (Fund released from MoEFCC to NABARD) and Annexure 2 (Fund released from NABARD to Executing Entities).

The projects under NAFCC have helped to enhance resilience of the natural resources dependent communities and vulnerable groups against the adverse effects of climate change. These projects have helped in diversification and strengthening of livelihoods and sources of income for vulnerable people in targeted areas as an adaptation measure against climate change. Reclamation of degraded landscapes and biodiversity conservations initiatives has helped in enhancing essential ecosystem services which had deteriorated due to climate change. NAFCC projects also built awareness and ownership of adaptation and climate risk reduction processes at community and institutional level. In the year 2020, Third Party Evaluation of the ongoing NAFCC projects was conducted and the report highlighted the strength, weakness, opportunities and threats for the NAFCC projects.

Annexure 1

ANNEXURE REFERRED TO REPLY OF RAJYA SABHA UNSTARRED QUESTION NO. 3257 DUE FOR 21.08.2025 REGARDING ‘EFFORTS TO ALLEVIATE IMPACTS OF CLIMATE CRISIS’ RAISED BY SHRI K.R. SURESH REDDY.

NATIONAL ADAPTATION FUND FOR CLIMATE CHANGE (NAFCC) – RELEASE OF FUNDS

SN	Name of Project	State/UT	Sanctioned Amount (₹ lakhs)	Amount Released (Released by MoEF&CC to NABARD) [₹ lakh]					
				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
1	Climate resilient interventions in dairy sector in costal and arid areas in Andhra Pradesh	Andhra Pradesh	1,271.36	-	-	-	-	-	-
2	Addressing Climate Change Vulnerability of Papum-Poma River for conservation and recharging of its springs	Arunachal Pradesh	2,391.53	-	-	954.90	-	-	-
3	Management of Ecosystem of Kaziranga National Park by Creating Climate Resilient Livelihood for Vulnerable Communities through Organic farming and Pond Based Pisciculture in Kaziranga National Park, Assam	Assam	2,456.65	-	-	-	-	-	193
4	Scaling up of climate smart agriculture through mainstreaming climate smart villages in Bihar	Bihar	2,306.62	-	-	629.39	-	-	-
5	Climate Adaptation Strategies in Wetlands along Mahanadi River Catchment areas in Chhattisgarh	Chhattisgarh	2,147.26	-	300.00	-	-	193	-
6	Climate Change Adaptation for Natural Resource Dependent Communities in Kachchh, Gujarat: Strengthening Resilience through Water & Livelihood Security and Ecosystem Restoration	Gujarat	2,135.88	-	-	-	-	-	-
7	**Scaling up climate smart agriculture through mainstreaming climate smart villages in Haryana	Haryana	2,209.85	-	-	-	-	-	-

SN	Name of Project	State/UT	Sanctioned Amount (₹ lakhs)	Amount Released (Released by MoEF&CC to NABARD) [₹ lakh]					
				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
8	Sustainable Livelihoods of Agriculture-Dependent Rural Communities in Drought Prone District of HP through Climate Smart Solutions	Himachal Pradesh	2,000.00	-	-	-	-	-	-
9	Climate Resilient Sustainable Agriculture in Rain-Fed Farming (Kandi) Areas of J & K	Jammu & Kashmir	2,251.53	-	-	275.79	-	-	-
10	Enhancing climate resilience of forests and its dependent communities in two landscapes of Jharkhand	Jharkhand	2,473.20	-	624.32	-	-	-	-
11	Conservation and Management of indigenous varieties of livestock in Karnataka	Karnataka	2,421.53	-	653.84	-	-	-	-
12	Promotion of Integrated Farming System of Kaipad and Pokkali in Costal Wet -lands of Kerala	Kerala	2,500.00	300.00	450.00	-	-	-	-
13	Enhancing adaptation capacity to climate change through development of climate smart villages in MP	Madhya Pradesh	2,487.81	-	-	-	-	-	-
14	Efficient Water Mgt. and Agriculture Technology Adoption for Climate Adaptive and Resilient Farming System in 51 villages of Nandurbar and Buldhana Districts of Maharashtra State	Maharashtra	2,294.57	-	-	-	-	-	-
15	Model Carbon Positive Eco-Village In Phayeng Of Manipur	Manipur	1,000.00	-	-	-	-	-	-
16	Spring-shed development works for rejuvenation of springs for climate resilient development in the water stressed areas of Meghalaya	Meghalaya	2,291.54	645.77	-	-	-	-	-
17	Sustainable Agriculture Development through Expansion, Enhancement and Modelling	Mizoram	1,038.09	-	-	-	-	-	-
18	Gene pool conservation of indigenous varieties under traditional integrated rational farming system	Nagaland	2,466.69	-	1,100.00	133.45	-	-	-

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				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
	(Jhum optimization) for promoting livelihood and food security as climate change adaptation strategy in Nagaland								
19	Conserve water through the management of run-off in the river basin to improve GW recharge to reduce vulnerability and enhance resilience for traditional livelihood in Nuapada	Odisha	2,000.00	-	399.97	-	-	-	-
20	Integrated surface water management for climate change adaptation in Puducherry	Puducherry	1,676.00	-	-	346.34	-	-	-
21	Towards Climate Resilient Livestock Production System In Punjab	Punjab	1,740.00	-	151.10	-	-	-	-
22	Mukhya Mantri Jal Swavlamban Abhiyaan for Climate Change Adaptation and Water Harvesting in Arthuna, Anandpuri and Sajjangarh blocks of District Banswara	Rajasthan	2,497.75	-	-	-	-	-	-
23	Addressing Climate Change Vulnerability of Water Sector at Gram Panchayat Level in Drought Prone areas of Sikkim	Sikkim	2,466.74	600.74	-	-	-	-	-
24	Management and rehabilitation of coastal habitats and biodiversity for Climate Change Adaptation and Sustainable Livelihood in Gulf of Mannar, Tamil Nadu, India	Tamil Nadu 1	2,474.00	-	-	-	-	-	-
25	Climate proofing of rainfed watersheds in Salem and Virudhunagar districts of Tamil Nadu	Tamil Nadu 2	2,380.26	-	-	297.53	-	-	-
26	Resilient Agricultural Households through Adaptation to Climate Change in Telangana	Telangana	2,400.34	1,068.20	-	732.06	-	-	-
27	Ecosystem Services based adaptation to climate change in Bundelkhand region of UP	Uttar Pradesh	1,980.46	523.50	601.92	-	-	-	-

SN	Name of Project	State/UT	Sanctioned Amount (₹ lakhs)	Amount Released (Released by MoEF&CC to NABARD) [₹ lakh]					
				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
28	Rain Water Harvesting and Sustainable Water Supply to the Hilly Areas in Darjeeling as an Adaptive Measure to Potential Climate Change Impacts	West Bengal	2,312.10	856.00	-	-	-	-	-
29	**Regional project on climate resilience building in rural areas through crop residue management	Regional Project 1	12,066.00	-	-	-	-	-	-
30	Restoration of degraded landscapes to natural state of ecosystem for climate resilience and livelihood improvement of vulnerable communities	Regional Project 2	12,610.00	-	-	721.00	-	-	-
	Total		84,747.77	3,994.22	4,281.15	4,090.47	-	193	193

** Project Closed prematurely

Annexure 2

ANNEXURE REFERRED TO REPLY OF RAJYA SABHA UNSTARRED QUESTION NO. 3257 DUE FOR 21.08.2025 REGARDING 'EFFORTS TO ALLEVIATE IMPACTS OF CLIMATE CRISIS' RAISED BY SHRI K.R. SURESH REDDY.

NATIONAL ADAPTATION FUND FOR CLIMATE CHANGE (NAFCC) - UTILIZATION OF FUNDS

SN	Name of Project	State/UT	Sanctioned Amount (₹ lakhs)	Amount Utilized (Released by NABARD to EEs) [₹ lakh]					
				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
1	Climate resilient interventions in dairy sector in costal and arid areas in Andhra Pradesh	Andhra Pradesh	1,271.36	-	-	-	-	-	-
2	Addressing Climate Change Vulnerability of Papum-Poma River for conservation and recharging of its springs	Arunachal Pradesh	2,391.53	922.92	-	613.91	1.61	-	-
3	Management of Ecosystem of Kaziranga National Park by Creating Climate Resilient Livelihood for Vulnerable Communities through Organic farming and Pond Based Pisciculture in Kaziranga National Park, Assam	Assam	2,456.65	-	-	-	0.02	-	193
4	Scaling up of climate smart agriculture through mainstreaming climate smart villages in Bihar	Bihar	2,306.62	434.62	-	-	-	-	-
5	Climate Adaptation Strategies in Wetlands along Mahanadi River Catchment areas in Chhattisgarh	Chhattisgarh	2,147.26	522.42	457.27	-	-	193	-
6	Climate Change Adaptation for Natural Resource Dependent Communities in Kachchh, Gujarat: Strengthening Resilience through Water & Livelihood Security and Ecosystem Restoration	Gujarat	2,135.88	629.26	73.53	-	-	-	-

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				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
7	**Scaling up climate smart agriculture through mainstreaming climate smart villages in Haryana	Haryana	2,209.85	-	-	-	-	-	-
8	Sustainable Livelihoods of Agriculture-Dependent Rural Communities in Drought Prone District of HP through Climate Smart Solutions	Himachal Pradesh	2,000.00	469.08	-	-	-	-	-
9	Climate Resilient Sustainable Agriculture in Rain-Fed Farming (Kandi) Areas of J & K	Jammu & Kashmir	2,251.53	-	-	-	-	-	-
10	Enhancing climate resilience of forests and its dependent communities in two landscapes of Jharkhand	Jharkhand	2,473.20	716.55	862.57	-	-	-	-
11	Conservation and Management of indigenous varieties of livestock in Karnataka	Karnataka	2,421.53	231.02	660.98	-	-	-	-
12	Promotion of Integrated Farming System of Kaipad and Pokkali in Coastal Wet -lands of Kerala	Kerala	2,500.00	300.00	440.95	-	-	-	-
13	Enhancing adaptation capacity to climate change through development of climate smart villages in MP	Madhya Pradesh	2,487.81	669.96	-	-	-	-	-
14	Efficient Water Mgt. and Agriculture Technology Adoption for Climate Adaptive and Resilient Farming System in 51 villages of Nandurbar and Buldhana Districts of Maharashtra State	Maharashtra	2,294.57	-	-	-	-	-	-
15	Model Carbon Positive Eco-Village In Phayeng Of Manipur	Manipur	1,000.00	-	-	-	-	-	-
16	Spring-shed development works for rejuvenation of springs for climate resilient	Meghalaya	2,291.54	645.77	-	-	-	-	-

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				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
	development in the water stressed areas of Meghalaya								
17	Sustainable Agriculture Development through Expansion, Enhancement and Modelling	Mizoram	1,038.09	521.25	-	-	-	-	-
18	Gene pool conservation of indigenous varieties under traditional integrated rational farming system (Jhum optimization) for promoting livelihood and food security as climate change adaptation strategy in Nagaland	Nagaland	2,466.69	-	1,100.00	-	-	-	-
19	Conserve water through the management of run-off in the river basin to improve GW recharge to reduce vulnerability and enhance resilience for traditional livelihood in Nuapada	Odisha	2,000.00	542.23	400.06	-	-	-	-
20	Integrated surface water management for climate change adaptation in Puducherry	Puducherry	1,676.00	-	375.64	-	-	-	-
21	Towards Climate Resilient Livestock Production System In Punjab	Punjab	1,740.00	104.70	151.11	-	-	-	-
22	Mukhya Mantri Jal Swavlamban Abhiyaan for Climate Change Adaptation and Water Harvesting in Arthuna, Anandpuri and Sajjangarh blocks of District Banswara	Rajasthan	2,497.75	-	-	-	-	-	-
23	Addressing Climate Change Vulnerability of Water Sector at Gram Panchayat Level in Drought Prone areas of Sikkim	Sikkim	2,466.74	843.46	7.28	-	-	-	-
24	Management and rehabilitation of coastal habitats and biodiversity for Climate Change	Tamil Nadu 1	2,474.00	135.17	-	-	-	-	-

SN	Name of Project	State/UT	Sanctioned Amount (₹ lakhs)	Amount Utilized (Released by NABARD to EEs) [₹ lakh]					
				FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Current FY 2025-6
	Adaptation and Sustainable Livelihood in Gulf of Mannar, Tamil Nadu, India								
25	Climate proofing of rainfed watersheds in Salem and Virudhunagar districts of Tamil Nadu	Tamil Nadu 2	2,380.26	-	773.39	-	-	-	-
26	Resilient Agricultural Households through Adaptation to Climate Change in Telangana	Telangana	2,400.34	1,083.47	-	-	-	-	-
27	Ecosystem Services based adaptation to climate change in Bundelkhand region of UP	Uttar Pradesh	1,980.46	720.12	637.69	-	-	-	-
28	Rain Water Harvesting and Sustainable Water Supply to the Hilly Areas in Darjeeling as an Adaptive Measure to Potential Climate Change Impacts	West Bengal	2,312.10	862.70	-	-	-	-	-
29	**Regional project on climate resilience building in rural areas through crop residue management	Regional Project 1	12,066.00	1,477.81	19.85	-	-	-	-
30	Restoration of degraded landscapes to natural state of ecosystem for climate resilience and livelihood improvement of vulnerable communities	Regional Project 2	12,610.00	35.14	602.84	1,425.28	17.78	-	-
	Total		84,747.77	11,867.64	6,563.15	2,039.18	19.40	193	193

** Project Closed prematurely