

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

DEMAND NO. 27

Ministry of Environment, Forests and Climate Change*(In ₹ crores)*

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Gross	3319.38	40.92	3360.30	4002.69	40.03	4042.72	4258.80	40.70	4299.50	2594.67	88.75	2683.42
Recoveries	-933.63	...	-933.63	-1111.30	...	-1111.30	-1099.80	...	-1099.80	...	...	...
Receipts	-148.78	...	-148.78	-256.00	...	-256.00	-524.28	...	-524.28	-8.00	...	-8.00
Net	2236.97	40.92	2277.89	2635.39	40.03	2675.42	2634.72	40.70	2675.42	2586.67	88.75	2675.42
A. The Budget allocations, net of recoveries and receipts, are given below:												
CENTRE'S EXPENDITURE												
Establishment Expenditure of the Centre												
1. Secretariat	80.07	...	80.07	83.59	...	83.59	91.90	...	91.90	131.17	...	131.17
2. Attached/Subordinate Offices												
2.01 Regional Offices	27.06	7.69	34.75	31.12	5.88	37.00	32.00	5.25	37.25	35.00	5.50	40.50
2.02 National Afforestation and Eco-Development Board	3.83	...	3.83	5.60	...	5.60	5.00	...	5.00	5.80	...	5.80
2.03 National River Conservation Directorate	6.87	...	6.87	7.80	...	7.80	7.30	...	7.30	8.00	...	8.00
2.04 Forest Survey of India	22.54	0.04	22.58	22.31	2.10	24.41	27.25	0.45	27.70	33.00	1.30	34.30
2.05 Indira Gandhi National Forest Academy	36.77	1.05	37.82	44.30	0.70	45.00	46.00	0.70	46.70	50.00	6.55	56.55
2.06 State Forest Service and Rangers College	14.97	1.29	16.26	14.42	3.00	17.42	14.42	3.00	17.42	16.00	7.40	23.40
2.07 Wildlife Crime Control Bureau	8.43	...	8.43	10.04	...	10.04	10.04	...	10.04	14.00	...	14.00
2.08 National Institute of Animal Welfare	3.62	...	3.62	4.00	...	4.00	3.80	...	3.80	4.40	...	4.40
2.09 Botanical Survey of India	59.12	9.35	68.47	60.24	6.21	66.45	60.24	5.25	65.49	74.30	7.30	81.60
2.10 Zoological Survey of India	47.86	9.83	57.69	49.81	9.09	58.90	52.80	8.45	61.25	66.50	6.00	72.50
2.11 National Museum of Natural History	11.55	7.12	18.67	12.47	10.40	22.87	12.47	15.28	27.75	12.50	12.00	24.50
2.12 National Green Tribunal	43.64	...	43.64	40.58	1.00	41.58	40.58	...	40.58	45.00	30.00	75.00
Total- Attached/Subordinate Offices	286.26	36.37	322.63	302.69	38.38	341.07	311.90	38.38	350.28	364.50	76.05	440.55
3. National Zoological Park												
3.01 Gross Budgetary Support	15.73	4.55	20.28	19.25	1.65	20.90	19.25	2.32	21.57	22.00	12.70	34.70
3.02 Less Gate Receipts	-3.14	...	-3.14	-6.00	...	-6.00	-6.00	...	-6.00	-8.00	...	-8.00
Net	12.59	4.55	17.14	13.25	1.65	14.90	13.25	2.32	15.57	14.00	12.70	26.70
Total-Establishment Expenditure of the Centre	378.92	40.92	419.84	399.53	40.03	439.56	417.05	40.70	457.75	509.67	88.75	598.42

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Central Sector Schemes/Projects												
Environmental Knowledge and Capacity Building												
4. Forestry Training and Capacity Building												
4.01 Programme Component	4.58	...	4.58	6.00	...	6.00	5.50	...	5.50	6.00	...	6.00
4.02 EAP Component	9.53	...	9.53	17.00	...	17.00	10.00	...	10.00	9.00	...	9.00
Total- Forestry Training and Capacity Building	14.11	...	14.11	23.00	...	23.00	15.50	...	15.50	15.00	...	15.00
5. Eco-Task Force	20.04	...	20.04	30.00	...	30.00	120.00	...	120.00	67.50	...	67.50
Total-Environmental Knowledge and Capacity Building	34.15	...	34.15	53.00	...	53.00	135.50	...	135.50	82.50	...	82.50
National Coastal Management Programme												
6. National Coastal Zone Management Programme (EAP)	341.68	...	341.68	441.98	...	441.98	152.50	...	152.50	...	...	...
7. National Coastal Mission (NCM)												
7.01 Programme Component	...	...	...	5.00	...	5.00	...	...	...	15.00	...	15.00
7.02 EAP Component	...	...	...	...	...	...	...	...	...	150.00	...	150.00
Total- National Coastal Mission (NCM)	...	...	...	5.00	...	5.00	...	...	...	165.00	...	165.00
Total-National Coastal Management Programme	341.68	...	341.68	446.98	...	446.98	152.50	...	152.50	165.00	...	165.00
Environment Protection, Management and Sustainable Development												
8. Pollution Abatement	6.21	...	6.21	21.20	...	21.20	7.50	...	7.50	20.00	...	20.00
9. Hazardous Substances Management (HSM)												
9.01 Programme Component	2.80	...	2.80	4.32	...	4.32	7.50	...	7.50	15.00	...	15.00
9.02 EAP Component	29.32	...	29.32	50.00	...	50.00	68.00	...	68.00	...	...	...
Total- Hazardous Substances Management (HSM)	32.12	...	32.12	54.32	...	54.32	75.50	...	75.50	15.00	...	15.00
10. Climate Change Action Plan (Funded from NCEF)	42.67	...	42.67	40.00	...	40.00	33.00	...	33.00	40.00	...	40.00
11. National Adaptation Fund (Funded from NCEF)	96.94	...	96.94	110.00	...	110.00	108.25	...	108.25	110.00	...	110.00
12. National Mission on Himalayan Studies (Funded from NCEF)	16.50	...	16.50	50.00	...	50.00	41.00	...	41.00	50.00	...	50.00
Total-Environment Protection, Management and Sustainable Development	194.44	...	194.44	275.52	...	275.52	265.25	...	265.25	235.00	...	235.00
Decision support System for Environmental Awareness, Policy, Planning and Outcome Evaluation												
13. Environmental Education, Awareness and Training	43.80	...	43.80	60.00	...	60.00	58.29	...	58.29	67.00	...	67.00
14. Environment Information Systems (ENVIS)	13.45	...	13.45	23.00	...	23.00	23.00	...	23.00	24.00	...	24.00
15. Centres of Excellence	21.81	...	21.81	18.00	...	18.00	12.00	...	12.00	20.00	...	20.00
16. R and D for Conservation and Development	12.26	...	12.26	17.50	...	17.50	7.00	...	7.00	9.70	...	9.70
17. Environmental Impact Assessment	3.78	...	3.78	5.40	...	5.40	4.50	...	4.50	...	...	...
18. International Co-operation	16.71	...	16.71	15.81	...	15.81	14.40	...	14.40	...	...	...
Total-Decision support System for Environmental Awareness, Policy, Planning and Outcome Evaluation	111.81	...	111.81	139.71	...	139.71	119.19	...	119.19	120.70	...	120.70
Total-Central Sector Schemes/Projects	682.08	...	682.08	915.21	...	915.21	672.44	...	672.44	603.20	...	603.20

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Other Central Sector Expenditure												
Statutory and Regulatory Bodies												
19. Animal Welfare Board	1.94	...	1.94	2.75	...	2.75	3.75	...	3.75	10.00	...	10.00
20. Central Pollution Control Board	88.19	...	88.19	74.30	...	74.30	119.81	...	119.81	100.00	...	100.00
21. Central Zoo Authority	10.00	...	10.00	10.24	...	10.24	11.50	...	11.50	14.30	...	14.30
22. National Biodiversity Authority	17.60	...	17.60	18.40	...	18.40	20.40	...	20.40	20.00	...	20.00
23. National Tiger Conservation Authority	6.50	...	6.50	8.15	...	8.15	10.00	...	10.00	9.00	...	9.00
Total-Statutory and Regulatory Bodies	124.23	...	124.23	113.84	...	113.84	165.46	...	165.46	153.30	...	153.30
Autonomous Bodies												
24. GB Pant Himalayan Institute of Environment and Development	18.00	...	18.00	19.00	...	19.00	20.00	...	20.00	26.50	...	26.50
25. Indian Council of Forestry Research and Education	163.20	...	163.20	171.00	...	171.00	195.00	...	195.00	210.00	...	210.00
26. Indian Institute of Forest Management	20.10	...	20.10	20.60	...	20.60	22.00	...	22.00	25.00	...	25.00
27. Indian Plywood Industries Research and Training Institute	7.80	...	7.80	7.75	...	7.75	9.00	...	9.00	10.00	...	10.00
28. Wildlife Institute of India	25.67	...	25.67	26.45	...	26.45	33.00	...	33.00	30.00	...	30.00
Total-Autonomous Bodies	234.77	...	234.77	244.80	...	244.80	279.00	...	279.00	301.50	...	301.50
Public Sector Undertakings												
29. Andaman & Nicobar Islands Forests Plantation Development Corporation	...	...	...	...	...	...	497.73	...	497.73	...	...	...
	...	...	...	...	...	...	-372.01	...	-372.01	...	...	...
<i>Net</i>	...	...	...	...	...	...	125.72	...	125.72	...	...	...
Others												
30. <i>Prevention and Control of Water Pollution</i>												
30.01 Gross Budgetary Support	145.64	...	145.64	250.00	...	250.00	146.27	...	146.27	...	...	...
30.02 Less - Water Cess Receipts	-145.64	...	-145.64	-250.00	...	-250.00	-146.27	...	-146.27	...	...	...
<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
31. Transfer to National Clean Energy Fund (NCEF)	955.74	...	955.74	1111.30	...	1111.30	1099.80	...	1099.80	...	...	...
32. Less-Amount met from National Clean Energy Fund (NCEF)	-925.22	...	-925.22	-1111.30	...	-1111.30	-1099.80	...	-1099.80	...	...	...
33. Actual Recoveries	-8.41	...	-8.41	...	...	...	...	...	...	...	...	...
Total-Others	22.11	...	22.11	...	...	...	...	...	...	...	...	...
Total-Other Central Sector Expenditure	381.11	...	381.11	358.64	...	358.64	570.18	...	570.18	454.80	...	454.80
TRANSFERS TO STATES/UTs												
Centrally Sponsored Schemes												
Environment, Forestry and Wildlife												

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
34. National Mission for a Green India (Funded From NCEF)												
34.01 Green India Mission-National Afforestation Programme	101.10	...	101.10	107.80	...	107.80	127.30	...	127.30	159.00	...	159.00
34.02 Green India Mission- National Afforestation Programme (EAP Component)	...	...	...	...	...	...	0.50	...	0.50	1.00	...	1.00
34.03 Forest Fire Prevention and Management	44.55	...	44.55	50.00	...	50.00	45.25	...	45.25	50.00	...	50.00
Total- National Mission for a Green India (Funded From NCEF)	145.65	...	145.65	157.80	...	157.80	173.05	...	173.05	210.00	...	210.00
35. Integrated Development of Wildlife Habitats (Funded from NCEF)												
35.01 Project Tiger	342.25	...	342.25	345.00	...	345.00	345.00	...	345.00	350.00	...	350.00
35.02 Project Elephant	21.20	...	21.20	27.50	...	27.50	27.50	...	27.50	30.00	...	30.00
35.03 Development of Wildlife Habitats	89.51	...	89.51	150.00	...	150.00	150.00	...	150.00	165.00	...	165.00
35.04 Development of Wildlife Habitats (EAP Component)	...	...	...	...	...	...	10.00	...	10.00	10.00	...	10.00
Total- Integrated Development of Wildlife Habitats (Funded from NCEF)	452.96	...	452.96	522.50	...	522.50	532.50	...	532.50	555.00	...	555.00
36. Conservation of Natural Resources and Ecosystems (Funded from NCEF)												
36.01 Conservation of Corals and Mangroves	16.37	...	16.37	18.00	...	18.00	15.00	...	15.00	...	...	...
36.02 Biodiversity Conservation	20.90	...	20.90	30.21	...	30.21	11.00	...	11.00	14.50	...	14.50
36.03 Biodiversity Conservation (EAP Component)	...	...	...	...	...	...	14.00	...	14.00	...	...	...
36.04 Conservation of Aquatic Ecosystems	59.99	...	59.99	60.00	...	60.00	56.00	...	56.00	66.00	...	66.00
Total- Conservation of Natural Resources and Ecosystems (Funded from NCEF)	97.26	...	97.26	108.21	...	108.21	96.00	...	96.00	80.50	...	80.50
37. National River Conservation Programme												
37.01 Programme Component (Funded from NCEF)	77.99	...	77.99	140.50	...	140.50	140.50	...	140.50	123.50	...	123.50
37.02 EAP Component	21.00	...	21.00	33.00	...	33.00	33.00	...	33.00	50.00	...	50.00
Total- National River Conservation Programme	98.99	...	98.99	173.50	...	173.50	173.50	...	173.50	173.50	...	173.50
Total-Environment, Forestry and Wildlife	794.86	...	794.86	962.01	...	962.01	975.05	...	975.05	1019.00	...	1019.00
Total-Centrally Sponsored Schemes	794.86	...	794.86	962.01	...	962.01	975.05	...	975.05	1019.00	...	1019.00
Grand Total	2236.97	40.92	2277.89	2635.39	40.03	2675.42	2634.72	40.70	2675.42	2586.67	88.75	2675.42
B. Developmental Heads												
Economic Services												
1. Forestry and Wild Life	400.71	...	400.71	438.48	...	438.48	690.73	...	690.73	559.35	...	559.35
2. New and Renewable Energy	955.74	...	955.74	1111.30	...	1111.30	1099.80	...	1099.80	...	...	...
3. Ecology and Environment	768.20	...	768.20	932.52	...	932.52	674.25	...	674.25	861.34	...	861.34
4. Secretariat-Economic Services	80.07	...	80.07	83.59	...	83.59	91.90	...	91.90	131.17	...	131.17
5. Capital Outlay on Forestry and Wild Life	...	14.62	14.62	...	13.33	13.33	...	11.72	11.72	...	33.45	33.45

(In ₹ crores)

	Actual 2016-2017			Budget 2017-2018			Revised 2017-2018			Budget 2018-2019		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
6. Capital Outlay on Other Scientific and Environmental Research	...	26.30	26.30	...	26.70	26.70	...	28.98	28.98	...	55.30	55.30
Total-Economic Services Others	2204.72	40.92	2245.64	2565.89	40.03	2605.92	2556.68	40.70	2597.38	1551.86	88.75	1640.61
7. North Eastern Areas	...	...	...	131.75	...	131.75	131.75	...	131.75	163.60	...	163.60
8. Grants-in-aid to State Governments	32.25	...	32.25	-62.25	...	-62.25	-53.71	...	-53.71	869.64	...	869.64
9. Grants-in-aid to Union Territory Governments	...	...	...	...	...	...	...	...	...	1.57	...	1.57
10. Capital Outlay on North Eastern Areas	...	...	...	...	...	...	...	...	...	...	...	...
Total-Others	32.25	...	32.25	69.50	...	69.50	78.04	...	78.04	1034.81	...	1034.81
Grand Total	2236.97	40.92	2277.89	2635.39	40.03	2675.42	2634.72	40.70	2675.42	2586.67	88.75	2675.42

1 - 3. Establishment Expenditure of the Centre: The provision is for secretariat expenditure and attached/subordinate offices including the National Zoological Park. In 2018-19 other establishment related expenditure provisions of International Cooperation, Information Technology and Environment Impact Assessment are also included.

4 and 5. Environmental Knowledge and Capacity Building- The Umbrella Central Sector Scheme has two sub-schemes (i) Forestry Training and Capacity Building and (ii) Eco Task Force. The scheme Forestry Training and Capacity Building aims to cover the whole gamut of the training and exposure needs of the forestry sector personnel. Eco Task Force scheme is being implemented through Ministry of Defence for ecological restoration of terrains, rendered difficult either due to severe degradation or remote location.

6 and 7. National Coastal Management Programme: Ministry is responsible to ensure livelihood security of coastal communities including fisher folks, to conserve, protect the coastal stretches and to promote sustainable development based on scientific principles. The Ministry is also responsible for conserving, protecting and promoting sustainable development in the islands of Andaman & Nicobar and the Lakshadweep. A World Bank assisted Integrated Coastal Zone Management Project is implemented in the coastal States and Union Territories. In 2018-19 the two Central Sector Schemes namely National Coastal Zone Management Programme (EAP) and National Coastal Mission are clubbed into a single scheme National Coastal Mission with EAP and Non-EAP component.

8- 12. Environmental Protection, Management and Sustainable Development: The Umbrella Scheme supports development of clean technologies and also abatement of the pollution in industrial plants. The growing recognition of the threat of the Climate Change and its significance as an area of domestic policy making and planning is recognized under this umbrella scheme which funds support to programmes/projects on Pollution Abatement, Hazardous Substances Management, Climate Change Action Plan, National Adaptation Fund for Climate Change and National Mission of Himalayan Studies. Climate Change Action Plan has EAP component of ₹0.50crore included in the figure of BE-2018-19. The Climate Change Action Plan, National Adaptation Fund and National Mission on Himalayan Studies were funded from NCEF till 2017-18.

13 - 18. Decision Support System for Environmental Awareness, Policy, Planning and Outcome Evaluation: The scheme creates awareness and imparts environmental education through exhibitions and training programmes. Among other objectives are collection of environmental information, dissemination of

information to larger stakeholders. Provisions for Environment Education, Awareness and Training includes provisions for Media, Publicity and Information and Swachhta Action Plan.

19 - 23. Statutory and Regulatory Bodies: The Ministry has five bodies- Animal Welfare Board of India (AWBI), Central Pollution Control Board (CPCB), Central Zoo Authority (CZA), National Biodiversity Authority (NBA) and National Tiger Conservation Authority (NTCA).

24 - 28. Autonomous Bodies: The Ministry supports various autonomous bodies/institutions which are engaged in Research and Development namely, Indian Institute of Forestry Management(IIFM), Indian Council of Forestry Research and Education (ICFRE), Indian Plywood Industries Research & Training Institute (IPIRTI), Wildlife Institute of India (WII), GB Pant National Institute of Himalayan Environment and Sustainable Development (GBPNIHESD).

29. Write off of Government of India loan and accrued interest outstanding against Andaman and Nicobar Islands Forests Plantation Development Corporation (ANIFPDCL). Also one time support to ANIFPDCL for settlement of VRS and VSS of its regular employees has been made in 2017-18.

30. **Prevention and Control of Water Pollution:** Cess is levied under the Water (Prevention & Control of Pollution) Act 1974 and is collected by the State Pollution Control Boards. 80% of the cess collected is remitted to the States to support their pollution control measures and programmes. Water cess has been subsumed in GST w.e.f. 01.07.2017.

34. **National Mission for a Green India (Funded From NCEF):** In order to increase the forest cover and to protect the existing forest land, the Ministry has two plan schemes namely, Green India Mission -National Afforestation Programme and Forest Fire Prevention Management. Nomenclature of Intensification of Forest Management scheme is changed to Forest Fire Prevention Management in 2018-19. This scheme was funded from NCEF till 2017-18.

35. **Integrated Development of Wildlife Habitats (Funded from NCEF):** The ministry has three main schemes to protect the wildlife of the country, namely, Project Tiger, Project Elephant and Development of Wildlife Habitats. Nomenclature of Integrated Development of Wildlife Habitats is changed to Development of Wildlife Habitats for FY 2018-19. This scheme was funded from NCEF till 2017-18.

36. **Conservation of Natural Resources and Ecosystems (Funded from NCEF):** To conserve the natural resources and eco-system of the country, the Ministry has been making efforts in areas like Bio-spheres, wetland and lakes. This scheme was funded from NCEF till 2017-18.

37. **National River Conservation Programme:** The main objective of National River Conservation Programme (NRCP) is to improve the water quality of polluted stretches of rivers by reduction in pollution load reaching the rivers by undertaking various pollution abatement works. This scheme was funded from NCEF till 2017-18.