

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

DEMAND NO. 27

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

	Actual 2017-2018			Budget 2018-2019			Revised 2018-2019			Budget 2019-2020		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
Gross	4242.15	35.53	4277.68	2594.67	88.75	2683.42	2683.41	50.01	2733.42	3219.20	64.52	3283.72
Recoveries	-1098.41	...	-1098.41	...	...	...	-50.00	...	-50.00	-100.00	...	-100.00
Receipts	-552.66	...	-552.66	-8.00	...	-8.00	-8.00	...	-8.00	-8.00	...	-8.00
Net	2591.08	35.53	2626.61	2586.67	88.75	2675.42	2625.41	50.01	2675.42	3111.20	64.52	3175.72
A. The Budget allocations, net of recoveries and receipts, are given below:												
CENTRE'S EXPENDITURE												
Establishment Expenditure of the Centre												
1. Secretariat	89.36	...	89.36	131.17	...	131.17	136.99	...	136.99	143.00	...	143.00
2. Attached/Subordinate Offices												
2.01 Regional Offices	28.84	3.72	32.56	35.00	5.50	40.50	35.00	1.67	36.67	36.00	5.00	41.00
2.02 National Afforestation and Eco-Development Board	4.40	...	4.40	5.80	...	5.80	9.00	...	9.00	9.00	...	9.00
2.03 National River Conservation Directorate	6.89	...	6.89	8.00	...	8.00	8.00	...	8.00	8.00	...	8.00
2.04 Forest Survey of India	24.18	0.29	24.47	33.00	1.30	34.30	33.00	0.37	33.37	35.00	0.52	35.52
2.05 Indira Gandhi National Forest Academy	45.76	0.60	46.36	50.00	6.55	56.55	50.00	3.48	53.48	52.00	13.00	65.00
2.06 State Forest Service and Rangers College	14.23	2.75	16.98	16.00	7.40	23.40	16.10	6.78	22.88	17.00	6.00	23.00
2.07 Wildlife Crime Control Bureau	9.03	...	9.03	14.00	...	14.00	12.00	...	12.00	14.00	...	14.00
2.08 National Institute of Animal Welfare	2.91	...	2.91	4.40	...	4.40	4.40	...	4.40	5.00	...	5.00
2.09 Botanical Survey of India	59.45	4.28	63.73	74.30	7.30	81.60	74.30	8.42	82.72	76.00	10.00	86.00
2.10 Zoological Survey of India	52.61	5.56	58.17	66.50	6.00	72.50	68.00	4.63	72.63	72.00	10.00	82.00
2.11 National Museum of Natural History	10.72	16.64	27.36	12.50	12.00	24.50	12.50	18.72	31.22	12.50	10.00	22.50
2.12 National Green Tribunal	34.70	...	34.70	45.00	30.00	75.00	40.00	...	40.00	42.00	...	42.00
Total- Attached/Subordinate Offices	293.72	33.84	327.56	364.50	76.05	440.55	362.30	44.07	406.37	378.50	54.52	433.02
3. National Zoological Park												
3.01 Gross Budgetary Support	41.09	1.69	42.78	22.00	12.70	34.70	23.00	5.94	28.94	23.00	10.00	33.00
3.02 Less Gate Receipts	-5.83	...	-5.83	-8.00	...	-8.00	-8.00	...	-8.00	-8.00	...	-8.00
<i>Net</i>	35.26	1.69	36.95	14.00	12.70	26.70	15.00	5.94	20.94	15.00	10.00	25.00
4. National Authority												
4.01 Gross Budgetary Support	...	...	...	...	...	...	50.00	...	50.00	100.00	...	100.00

(In ₹ crores)

	Actual 2017-2018			Budget 2018-2019			Revised 2018-2019			Budget 2019-2020		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
4.02 Less Amount met from National Compensatory Afforestation Fund	...	...	...	...	...	...	-50.00	...	-50.00	-100.00	...	-100.00
<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
Total-Establishment Expenditure of the Centre	418.34	35.53	453.87	509.67	88.75	598.42	514.29	50.01	564.30	536.50	64.52	601.02
Central Sector Schemes/Projects												
Environmental Knowledge and Capacity Building												
5. Forestry Training and Capacity Building												
5.01 Programme Component	5.48	...	5.48	6.00	...	6.00	7.60	...	7.60	10.80	...	10.80
5.02 EAP Component	9.68	...	9.68	9.00	...	9.00	21.00	...	21.00	...	...	...
<i>Total- Forestry Training and Capacity Building</i>	<i>15.16</i>	<i>...</i>	<i>15.16</i>	<i>15.00</i>	<i>...</i>	<i>15.00</i>	<i>28.60</i>	<i>...</i>	<i>28.60</i>	<i>10.80</i>	<i>...</i>	<i>10.80</i>
6. Eco-Task Force	120.00	...	120.00	67.50	...	67.50	112.85	...	112.85	75.00	...	75.00
Total-Environmental Knowledge and Capacity Building	135.16	...	135.16	82.50	...	82.50	141.45	...	141.45	85.80	...	85.80
National Coastal Management Programme												
7. National Coastal Zone Management Programme (EAP)	152.50	...	152.50	...	...	...	...	...	...	...	...	...
8. National Coastal Mission (NCM)												
8.01 Programme Component	...	...	...	15.00	...	15.00	10.10	...	10.10	20.00	...	20.00
8.02 EAP Component	...	...	...	150.00	...	150.00	120.00	...	120.00	75.00	...	75.00
<i>Total- National Coastal Mission (NCM)</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>165.00</i>	<i>...</i>	<i>165.00</i>	<i>130.10</i>	<i>...</i>	<i>130.10</i>	<i>95.00</i>	<i>...</i>	<i>95.00</i>
Total-National Coastal Management Programme	152.50	...	152.50	165.00	...	165.00	130.10	...	130.10	95.00	...	95.00
Environment Protection, Management and Sustainable Development												
9. Pollution Abatement	7.47	...	7.47	20.00	...	20.00	20.00	...	20.00	10.00	...	10.00
10. Hazardous Substances Management (HSM)												
10.01 Programme Component	7.15	...	7.15	15.00	...	15.00	13.00	...	13.00	15.00	...	15.00
10.02 EAP Component	65.11	...	65.11	...	...	...	...	...	...	...	...	...
<i>Total- Hazardous Substances Management (HSM)</i>	<i>72.26</i>	<i>...</i>	<i>72.26</i>	<i>15.00</i>	<i>...</i>	<i>15.00</i>	<i>13.00</i>	<i>...</i>	<i>13.00</i>	<i>15.00</i>	<i>...</i>	<i>15.00</i>
11. Climate Change Action Plan	26.86	...	26.86	40.00	...	40.00	40.00	...	40.00	40.00	...	40.00
12. National Adaptation Fund	119.41	...	119.41	110.00	...	110.00	110.00	...	110.00	100.00	...	100.00
13. National Mission on Himalayan Studies	41.00	...	41.00	50.00	...	50.00	50.00	...	50.00	50.00	...	50.00
Total-Environment Protection, Management and Sustainable Development	267.00	...	267.00	235.00	...	235.00	233.00	...	233.00	215.00	...	215.00
Decision support System for Environmental Awareness, Policy, Planning and Outcome Evaluation												
14. Environmental Education, Awareness and Training	49.61	...	49.61	67.00	...	67.00	75.00	...	75.00	82.00	...	82.00
15. Environment Information Systems (ENVIS)	20.22	...	20.22	24.00	...	24.00	28.00	...	28.00	46.00	...	46.00
16. Centres of Excellence	13.91	...	13.91	20.00	...	20.00	15.25	...	15.25	15.00	...	15.00
17. R and D for Conservation and Development	6.98	...	6.98	9.70	...	9.70	4.40	...	4.40	10.00	...	10.00
18. Environmental Impact Assessment	3.89	...	3.89	...	...	...	...	...	...	...	...	...

(In ₹ crores)

	Actual 2017-2018			Budget 2018-2019			Revised 2018-2019			Budget 2019-2020		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
19. International Co-operation	12.93	...	12.93	...	...	...	...	...	...	...	...	...
Total-Decision support System for Environmental Awareness, Policy, Planning and Outcome Evaluation	107.54	...	107.54	120.70	...	120.70	122.65	...	122.65	153.00	...	153.00
20. Control of Pollution	...	...	...	...	...	...	5.00	...	5.00	460.00	...	460.00
Total-Central Sector Schemes/Projects	662.20	...	662.20	603.20	...	603.20	632.20	...	632.20	1008.80	...	1008.80
Other Central Sector Expenditure												
Statutory and Regulatory Bodies												
21. Animal Welfare Board	5.74	...	5.74	10.00	...	10.00	10.00	...	10.00	12.00	...	12.00
22. Central Pollution Control Board	118.81	...	118.81	100.00	...	100.00	114.42	...	114.42	100.00	...	100.00
23. Central Zoo Authority	11.50	...	11.50	14.30	...	14.30	12.00	...	12.00	15.00	...	15.00
24. National Biodiversity Authority	18.92	...	18.92	20.00	...	20.00	20.00	...	20.00	22.00	...	22.00
25. National Tiger Conservation Authority	10.00	...	10.00	9.00	...	9.00	10.00	...	10.00	10.00	...	10.00
Total-Statutory and Regulatory Bodies	164.97	...	164.97	153.30	...	153.30	166.42	...	166.42	159.00	...	159.00
Autonomous Bodies												
26. GB Pant Himalayan Institute of Environment and Development	20.00	...	20.00	26.50	...	26.50	27.50	...	27.50	27.90	...	27.90
27. Indian Council of Forestry Research and Education	195.00	...	195.00	210.00	...	210.00	216.00	...	216.00	215.00	...	215.00
28. Indian Institute of Forest Management	21.95	...	21.95	25.00	...	25.00	30.00	...	30.00	37.00	...	37.00
29. Indian Plywood Industries Research and Training Institute	8.96	...	8.96	10.00	...	10.00	10.00	...	10.00	11.00	...	11.00
30. Wildlife Institute of India	32.00	...	32.00	30.00	...	30.00	33.00	...	33.00	34.00	...	34.00
Total-Autonomous Bodies	277.91	...	277.91	301.50	...	301.50	316.50	...	316.50	324.90	...	324.90
Public Sector Undertakings												
31. Andaman & Nicobar Islands Forests Plantation Development Corporation	497.73	...	497.73	...	...	...	...	...	...	...	...	...
	-372.01	...	-372.01	...	...	...	...	...	...	...	...	...
<i>Net</i>	<i>125.72</i>	...	<i>125.72</i>	...	...	...	...	...	...	...	...	...
Others												
32. <i>Prevention and Control of Water Pollution</i>												
32.01 Gross Budgetary Support	174.82	...	174.82	...	...	...	...	...	...	...	...	...
32.02 Less - Water Cess Receipts	-174.82	...	-174.82	...	...	...	...	...	...	...	...	...
<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
33. Transfer to National Clean Energy Fund (NCEF)	1085.45	...	1085.45	...	...	...	...	...	...	...	...	...
34. Less-Amount met from National Clean Energy Fund (NCEF)	-1085.45	...	-1085.45	...	...	...	...	...	...	...	...	...
35. Actual Recoveries	-12.96	...	-12.96	...	...	...	...	...	...	...	...	...
Total-Others	-12.96	...	-12.96	...	...	...	...	...	...	...	...	...
Total-Other Central Sector Expenditure	555.64	...	555.64	454.80	...	454.80	482.92	...	482.92	483.90	...	483.90

(In ₹ crores)

	Actual 2017-2018			Budget 2018-2019			Revised 2018-2019			Budget 2019-2020		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
TRANSFERS TO STATES/UTs												
Centrally Sponsored Schemes												
Environment, Forestry and Wildlife												
36. National Mission for a Green India												
36.01 Green India Mission-National Afforestation Programme	126.58	...	126.58	159.00	...	159.00	159.00	...	159.00	179.00	...	179.00
36.02 Green India Mission- National Afforestation Programme (EAP Component)	0.50	...	0.50	1.00	...	1.00	1.00	...	1.00	11.00	...	11.00
36.03 Forest Fire Prevention and Management	34.80	...	34.80	50.00	...	50.00	50.00	...	50.00	50.00	...	50.00
Total- National Mission for a Green India	161.88	...	161.88	210.00	...	210.00	210.00	...	210.00	240.00	...	240.00
37. Integrated Development of Wildlife Habitats												
37.01 Project Tiger	345.00	...	345.00	350.00	...	350.00	350.00	...	350.00	350.00	...	350.00
37.02 Project Elephant	24.90	...	24.90	30.00	...	30.00	30.00	...	30.00	30.00	...	30.00
37.03 Development of Wildlife Habitats	148.58	...	148.58	165.00	...	165.00	165.00	...	165.00	175.00	...	175.00
37.04 Development of Wildlife Habitats (EAP Component)	9.44	...	9.44	10.00	...	10.00	10.00	...	10.00	5.00	...	5.00
Total- Integrated Development of Wildlife Habitats	527.92	...	527.92	555.00	...	555.00	555.00	...	555.00	560.00	...	560.00
38. Conservation of Natural Resources and Ecosystems												
38.01 Conservation of Corals and Mangroves	13.16	...	13.16	...	...	...	...	...	...	...	...	...
38.02 Biodiversity Conservation	9.05	...	9.05	14.50	...	14.50	14.50	...	14.50	16.00	...	16.00
38.03 Biodiversity Conservation (EAP Component)	13.55	...	13.55	...	...	...	...	...	...	...	...	...
38.04 Conservation of Aquatic Ecosystems	56.00	...	56.00	66.00	...	66.00	65.50	...	65.50	68.40	...	68.40
38.05 Conservation of Aquatic Ecosystems (EAP Component)	...	...	...	...	...	...	0.50	...	0.50	1.60	...	1.60
Total- Conservation of Natural Resources and Ecosystems	91.76	...	91.76	80.50	...	80.50	80.50	...	80.50	86.00	...	86.00
39. National River Conservation Programme												
39.01 Programme Component	140.50	...	140.50	123.50	...	123.50	143.50	...	143.50	146.00	...	146.00
39.02 EAP Component	32.84	...	32.84	50.00	...	50.00	7.00	...	7.00	50.00	...	50.00
Total- National River Conservation Programme	173.34	...	173.34	173.50	...	173.50	150.50	...	150.50	196.00	...	196.00
Total-Environment, Forestry and Wildlife	954.90	...	954.90	1019.00	...	1019.00	996.00	...	996.00	1082.00	...	1082.00
Total-Centrally Sponsored Schemes	954.90	...	954.90	1019.00	...	1019.00	996.00	...	996.00	1082.00	...	1082.00
Grand Total	2591.08	35.53	2626.61	2586.67	88.75	2675.42	2625.41	50.01	2675.42	3111.20	64.52	3175.72
B. Developmental Heads												
Economic Services												

(In ₹ crores)

	Actual 2017-2018			Budget 2018-2019			Revised 2018-2019			Budget 2019-2020		
	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total	Revenue	Capital	Total
1. Forestry and Wild Life	707.39	...	707.39	559.35	...	559.35	633.30	...	633.30	665.80	...	665.80
2. New and Renewable Energy	1085.45	...	1085.45	...	...	...	...	...	...	...	...	...
3. Ecology and Environment	654.34	...	654.34	861.34	...	861.34	843.81	...	843.81	1234.20	...	1234.20
4. Secretariat-Economic Services	89.36	...	89.36	131.17	...	131.17	136.99	...	136.99	143.00	...	143.00
5. Capital Outlay on Forestry and Wild Life	...	9.05	9.05	...	33.45	33.45	...	18.24	18.24	...	34.52	34.52
6. Capital Outlay on Other Scientific and Environmental Research	...	26.48	26.48	...	55.30	55.30	...	31.77	31.77	...	30.00	30.00
Total-Economic Services	2536.54	35.53	2572.07	1551.86	88.75	1640.61	1614.10	50.01	1664.11	2043.00	64.52	2107.52
Others												
7. North Eastern Areas	...	...	...	163.60	...	163.60	163.60	...	163.60	196.00	...	196.00
8. Grants-in-aid to State Governments	54.47	...	54.47	869.64	...	869.64	840.71	...	840.71	870.70	...	870.70
9. Grants-in-aid to Union Territory Governments	0.07	...	0.07	1.57	...	1.57	7.00	...	7.00	1.50	...	1.50
10. Capital Outlay on North Eastern Areas	...	...	...	...	...	...	...	...	...	...	...	...
Total-Others	54.54	...	54.54	1034.81	...	1034.81	1011.31	...	1011.31	1068.20	...	1068.20
Grand Total	2591.08	35.53	2626.61	2586.67	88.75	2675.42	2625.41	50.01	2675.42	3111.20	64.52	3175.72

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

5 and 6. 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.

7 and 8. 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.

9- 13. 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-2019-20.

14 - 19. 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.

20. **Control of Pollution:** Control of Pollution has been conceptualized to provide financial assistance to Pollution control Boards/Committees, funding to National Clean Air Programme (NCAP) and other schemes i.e. National Water Monitoring Programme, National Ambient Noise Monitoring Network and associated O&M, etc.

21 - 25. 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).

26 - 30. 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).

36. **National Mission for a Green India:** 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.

37. **Integrated Development of Wildlife Habitats:** 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.

38. **Conservation of Natural Resources and Ecosystems:** 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.

39. **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.