

1. Environmental Knowledge and Capacity Building: Forestry Training and Capacity Building (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
9	1. Training of IFS Officers, Other Services and Other Stakeholders	1.1 No. of one- or two-week training conducted during the year	35	1. Skill Up gradation of Forest Officers at all levels	1.1. Cumulative % of IFS officers upgraded their managerial skill through in-service / foreign training	100	
		1.2 No. of IFS officers to be trained in one- or two-week trainings	1,050			1.2. Cumulative % of officers of other stakeholders / other services trained in awareness workshops/seminars	100
		1.3 No. of two days training conducted during the year	14				
		1.4 No. of IFS officers to be trained in two days trainings	350				
		1.5 No. of trainings conducted for other stakeholders during the year	20				
		1.6 No. of officers of other stakeholders to be trained	600				
		1.7 No. of trainings conducted for personnel of other services during the year	10				
		1.8 No. of personnel of other	300				

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			services to be trained				
		1.9 No. of Foreign Trainings conducted for Forestry Personnel during the year		4			
		1.10 No. of Forestry Personnel to be trained		60			

2. Environmental Knowledge and Capacity Building: Eco Task Force (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
88	1. Afforestation	1.1. Number of seedlings planted (in lakh) during the year		28	1. Ecological restoration of inhospitable/difficult / remote and inaccessible areas	1.1. Difficult/inaccessible /remote area covered under plantation (in ha)	2,800
					2. Promotion of meaningful employment to Ex-Servicemen	2.1. Number of ex-servicemen provided with employment	2,000

3. National Coastal Management Program (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22					
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22		
240 ¹	1. Implementation of ENCORE Project in all 13 coastal States/UTs	1.1 No. of project grounded in 11 coastal States and UTs which on-boarded	20	1. Enhanced conservation and protection of ecologically sensitive areas	1.1 Increase in area of mangroves, shelter belt, sand dunes, sea grass meadows, coral reef restored / generated (in ha)	1000			
		1.2 No. of ICZM Plans formulated	0						
	2. Pollution abatement, management and development of infrastructure for protection of coastal and marine ecosystems	2.1 Total number of innovative pollution prevention measures implemented	0						
		2.2 Total number of environmental monitoring systems established	3						
	3. Livelihood enhancement/ security of coastal communities	3.1 Total number of SHGs formed for enhanced/ alternate livelihood and entrepreneurship opportunities such as seaweed culture, aquaculture, pearl culture etc.	16				2. Enhanced and improved access to diversified livelihood activities and entrepreneurial opportunities enhancing livelihood security of coastal	2.1. % change in income of SHGs members	0
		3.2 Coastal Communities and SHGs trained for livelihood security	16						

¹ Subject to approval of project by CCEA

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
					communities		
	4.	Environment education, research and capacity building	4.1 Total number of knowledge products developed	5	3. Improved partnerships among stakeholders for coordination and collaboration on integrated coastal zone management and enhancement of coastal and marine resource efficiency	3.1 Total no. of stakeholders participating in various training programs	500
	5.	Beach cleaning and pollution abatement: Healthy coastal and marine environment in all targeted beaches	5.1 Number of beaches to be covered by activities to improve tourism and income to coastal communities	20	4. Pollution and solid waste free beaches	4.1 Cumulative % of clean model beaches achieved International Standards in India under the Beach Environment & Aesthetic Management System (BEAMS)	50%
			5.2 Total number of clean ecofriendly beaches developed	10			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
	6. National Coastal Mission: A comprehensive coastal mission document which will be submitted to the PM's Council for Climate Change. Consultant based studies and formulation of Detailed Project Reports for various components under the National Coastal Mission	6.1 No. of Draft coastal mission document to be submitted	1	5. Inter-ministerial coordination to address common coastal issues prepared	5.1 Improved livelihood, tourism, fisheries, coastal protection and conservation addressed by each coastal state/ UT	0
		6.2 Number of Detailed Project Reports to be formulated for various components under the National Coastal Mission	0			

4. Environment Protection, Management and Sustainable Development: Hazardous Substances Management (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
40	1. SAMPATTI - 'Sustainable Management	1.1.No. of	5	1. Pilot projects for	1.1 Quantity of	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		of Pre-owner Asset through Trade Initiatives' : Innovative solutions for municipal solid waste segregation, handling and treatment	Municipalities benefitted through the Scheme during the year		management of hazardous waste	waste (in million tons annually) segregated into dry and wet waste country-wide during the year	
						1.2 Quantity of waste (in million tons annually) recycled/reused country-wide during the year	50
						1.3 Quantity of waste (in million tons annually) disposed through landfill country-wide during the year	5
	2.	Capacity building of government agencies/organizations/department/civil society/institute with respect to environmentally sound management of	2.1 Number of personnel trained in the field of chemical accidents during the year	25	2. Capacity-building in the field of waste management	2.1 Cumulative % of personnel trained in the waste management	100%

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		chemicals and wastes	2.2 Number of personnel trained in the field of Solid waste management during the year	25		sector	
			2.3 Skill Development Training of personnel in respective waste management sector	60			
		3. Organizing awareness program with various stakeholders for implementation of various waste and chemicals management rules	3.1 Number of awareness program conducted during the year	1	3. Awareness among stakeholder regarding various rules, regulations on Waste Management	3.1 Cumulative % of stakeholders trained in awareness activities regarding various rules, regulations on Waste Management	100
			3.2 Number of stakeholders to be reached through awareness activities	1,000			
		4. Pilot Projects with respect to Innovative technologies for environmentally sound management of chemicals and wastes (except municipal solid waste).	4.1 No. of innovative technologies for environmentally sound management of chemicals and wastes to be	1	4. Management of biomedical and landfillable hazardous waste	4.1 Quantity of biomedical waste treated/disposed country-wide (in million tons annually)	500

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			funded			4.2 Quantity of landfillable hazardous waste (in million tons annually) generated country-wide	25.46
			4.2 Number of pilot projects to be conducted	5		4.3 Quantity of landfillable hazardous waste (in million ton annually) treated country-wide	1,000
	5.	Setting up facilities for management of biomedical waste and treatment, storage and disposal facilities (TSDF) of hazardous waste	5.1 Number of Integrated TSDF for Hazardous waste to be created	1			

5. Environment Protection, Management and Sustainable Development: Climate Change Action Plan (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
41	a. National Carbonaceous Aerosol Program						
	1. Source characterization and emissions	1.1 Field campaign experiments for emission factor measurements: Crop residue burning		35	1. Measured field emission factors for crop residue burning	1.1. Digital data files on emission factor measurements (CO, SO ₂ , NO _x , PM _{2.5} , chemical speciation) for crop residue burning	1
		1.2 Field campaign experiments for emission factor measurements: Brick kilns		15	2. Measured field emission factors for brick kilns	2.1 Digital data files on emission factor measurements (CO, SO ₂ , NO _x , PM _{2.5} , chemical speciation) for brick kilns	1
		1.3 Field campaign experiments for emission factor measurements: Residential		10	3. Measured field emission factors for residential sources	3.1 Digital data files on emission factor measurements (CO, SO ₂ , NO _x , PM _{2.5} , chemical speciation) for residential sector	1
	2. Ambient observational network and source apportionment	2.1 Chemical analysis of ambient field filter samples {year1 (2019)}		2,220	4. Inorganic ions, trace elements & thermally fractionated OC/EC, year-1 (2019) filters	4.1 Digital data files on analytical measurements on year-1 (2019) filters	1
2.2 Analysis of selected field samples for special chemical markers (c-isotopes)			630	5. C-13 isotopes for field filter samples; year-1	5.1 Digital data files on special chemical markers (c-isotopes) for field samples	1	

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22				
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22	
					(2019) & year-2 (2020)			
		2.3 Analysis of selected field samples for special chemical markers (molecular markers)	630	6.	Molecular markers for field filter samples; year-1 (2019) & year-2 (2020)	6.1 Digital data files on special chemical markers (molecular) for field samples	1	
	3.	Modelling of air quality and climate impacts	3.1 Standard Simulations-I (2015) with Regional Climate Models	1	7.	Standard Simulations-I model output (1 RCM)	7.1 Digital model output files on Standard Simulations I (1 RCM)	1
			3.2 Special Experiments-I (2019-20) with Regional Climate Models	3	8.	Special Experiments-I 2019-20 model output (3 RCMs)	8.1 Digital model output files on special Experiments-I (3 RCMs)	1
			3.3 Special Experiments-II (1985-2015) with General Circulation Models	3	9.	Special Experiments-II model output (3 GCMs)	9.1 Digital data files on special experiments-II (3 GCMs)	1
	b. Long Term Ecological Observatories Program							
	1.	First season of data collected in each of six biogeographic zones of India (Western Himalaya, Eastern Himalaya, Northwest	1.1. Number of study sites with first season of biodiversity data collected	6	1.	Baseline biodiversity data established for long term monitoring	1.1. Number of research themes with baseline data	9

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		Arid Zone, Central India, Western Ghats, Island Ecosystems) for each research theme					
	2.	Biodiversity monitoring methodology for each theme integrated into a standard, replicable protocol that enables data compatibility across all themes	2.1 Number of sites implementing the standardized data collection methodology	6	2. Replicable methodology established for long term biodiversity monitoring	2.1. Number of research themes with clearly documented sampling protocols	9
	3.	LTEO methodology disseminated to larger scientific community via a peer-reviewed commentary paper	3.1 Number of peer-reviewed publications	1	3. Methodology contributes to larger scientific knowledge in the Indian context	3.1. Publication in a peer reviewed scientific publication	1
	4.	First season of weather data collected for each of six biogeographic zones	4.1 Number of sites with first season of weather data collected	6	4. Baseline weather data established for long term monitoring	4.1. Number of sites with baselines weather data	6

6 Environment Protection, Management and Sustainable Development: National Adaptation Fund for Climate Change (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
80	1. Provision of funds to States for climate adaptation projects	1.1 Number of Project Concept Notes (PCN) and Detailed Project Reports (DPRs) appraised by National Steering Committee on Climate Change (NSCCC) during the year	3	1. Increased resilience and adaptive capacity of vulnerable areas and ecosystems against climate change impacts by financing adaptation activities of States / UTs	1.1. Cumulative % of projects meet their outcome targets as per third party final evaluation report*	0 ²
		1.2 Cumulative number of new projects funded under the scheme till current FY	31			
		1.3 Cumulative number of on-going projects funded under the scheme till current FY	29	2. Improved livelihood and source of income of vulnerable people in targeted areas	2.1. Number of people benefitted (in lakh)	2
		1.4 Cumulative number of projects completed under the scheme till current FY	2			

² Considering the Outcome, the given indicator 1.1 is not a proper parameter for outcome and unless third party final evaluation are carried out target will be NIL

7. Environment Protection, Management and Sustainable Development: National Mission on Himalayan Studies (NMHS) (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
55.50	1. Strengthening Himalayan datasets thru PMU Data Centre with 3D Data Analysis and Visualization Lab (3D-DAVL)	1.1 Number of datasets created	3	1. Improved communication strategy for informed policy making in IHR	1.1 Number of Policy/Science Briefs/papers/knowledge products	20
		1.2 Number of Staff Trainings to be conducted on 3D Visualization	5		1.2 Number of subject areas covered through staff trained	2
	2. Implementation of Demand driven action research projects and start of new multi-state coordinated projects in all States and UTs of IHR	2.1 Number of demand-driven projects implemented	42	2. Strengthening the natural capital for sustenance of IHR through time-bound studies	2.1 Number of Standard Operating Procedures (SOPs) for sustainable NRM	4
		2.2 Number of beneficiaries	2,000		2.2 No of field models established	3
	3. Creation of Trained Researchers	3.1 Number of Fellowships awarded	45	3. Strengthening R&D facilities by creating of new Human Capital of Institutions in IHR	3.1 Number of Institutions strengthened in different States/ UTs of IHR	5
	4. Development of spring revival models	4.1 Number of springs revived/ inventories created	26	4. Water security of Himalayan villages to supplement Jal Jeevan Mission	4.1 % change in water availability in springs of target Himalayan villages	20
		4.2 No. of states covered under development of spring revival models	3			
	5. Implementing Nature	5.1 Number of States/ UTs	3	5. Skill building and	5.1 Cumulative % of total	20

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
	Learning Centres (NLCs)/ State Government Projects (SGPs)/ Himalayan Incubation Centre (HICs)	covered under NLC/SGP		awareness creation thru NLCs and SGPs among local stakeholders across the IHR	micro-enterprises/ rural entrepreneurs targeted under the SGPs/DDAR projects in IHR States/UTs	
		5.2 No. of SGP established	2		5.2 Cumulative % of total environmental managers /students to be benefitted under Nature Learning Centres/State Government Projects in IHR States/UTs	15
		5.3 No. of facilities to be created in different IHR states/zones	3			
		5.4 No. of micro-enterprises to be incubated and no of rural entrepreneurs served	13			
	5.5 Number of Himalayan environmental managers/ students benefitted	600				

8. Decision support System for Environmental Awareness, Policy, Planning and Outcomes Evaluation: Environmental Education, Awareness and Training (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
84	1. Establishing Eco-club in schools/colleges	1.1 Number of Eco club supported (in lakh)	1.6	1. Sensitization of children to issues related to	1.1 Number of students participated in the programmes like	64
		1.2 Number of students to	64			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			participate in the cleanliness drives, plantation drives (in lakh)		environment and development through field visits	environment days, cleanliness drives etc (in lakh)	
	2. Nature camps shall be organised	2.1 Number of camps supported	200				
		2.2 Number of students in the nature camps	10,000				

9. Decision support System for Environmental Awareness, Policy, Planning and Outcomes Evaluation: Environmental Information Systems (ENVIS) (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
44.67	1. Development of ENVIS Knowledge products viz. newsletters, books, theme based special publications, e-books, e-bulletins, booklets, educational kits, etc.	1.1 Number of information/ knowledge products developed during the year	500	1. Creation of repository of value-added information products such as educational-kits, mobile Apps, environmental videos, photo bank, research papers/publications, thematic maps, directories of	1.1 Percentage change in downloads of environmental information products, kits and maps by the users over the year	10
		1.2 Number of environmental information products, kits and maps downloaded	8,00,000		1.2 Percentage increase in development of thematic maps during the year	10
		1.3 Number of thematic maps developed during the year	10		1.3 Percentage change in downloads of mobile	10

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
		1.4 Number of Mobile Apps developed during the year	15	information on State/regional/ National level, CD, atlases, thematic database etc.	apps from the websites of individual ENVIS Centres by all stakeholders - students, researchers, policy makers, general public etc over the year	
		1.5 Number of downloads of mobile apps from the websites of individual ENVIS Centres, over previous year, by all stakeholders - students, researchers, policy makers, general public etc.	50,000			
	2. Establishment of New ENVIS Hubs/Resource partners	2.1 Number of ENVIS Hubs/Resource Partners (RPs) established during the year	4	2. Establishment of ENVIS Hubs on the 'Status of Environment and Related Issues' in the States where there is no ENVIS Centre. Establishment of ENVIS Resource Partners to fill up the gap in the thematic areas related to environment.	2.1 Number of Hubs and Resource Partners to be set up vis-a-vis the targets, over and above the existing number	4
	3. Indian State-level Basic Environmental Information Database (ISBEID): Development and	3.1 No. of Time series descriptive /numerical environmental information database for	50	3. Coverage of data gaps in environmental and associated parameters, as per	3.1 Percentage change in analytical reports generated from the MIS database by ENVIS Hubs over the	100

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		analysis of the time series data of 17 modules of ISBEID	district/state/ country developed along with the analysis for policy implications		17 modules and 48 sub-modules. Generate MIS report on different environmental parameters.	previous year	
	4.	Green Skill Development Programme: To skill youth in various green skills such as Pollution Monitoring (Air/Water/Noise), Effluent Treatment Plant (ETP) Operation, Waste Management, Valuation of Ecosystem Services, Management of Forest Fires, Water Budgeting & Auditing, etc.	4.1 Number of youth to be skilled under various green skilling programmes	4,000	4. Enhancing skills of youth in environmental activities and creating opportunities for them to get gainfully employed/self-employed	4.1 Number of skilled youth to be employed after completing the certificate programmes	1,000
			4.2 Number of course to be conducted	150			
	5.	Grid Based Decision Support System (GRIDSS)- for Sustainable Management of Natural Resources: To capture	5.1 Number of districts covered during the year	10			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		environmental related data through a grid-based approach, of various environmental parameters					
		6. Preparation of State of Environment Report (SoER)/SoE Atlases and State-wise availability of the status of environment, to facilitate policy decisions and suitable interventions	6.1 Number of SoER and SoE Atlases published during the year	6			
			6.2 Number of States for which SoER would be available	6			

10. Decision support System for Environmental Awareness, Policy, Planning and Outcomes Evaluation: R and D for Conservation and Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
7.5	1. Funding R&D projects to generate data for natural	1.1 Total no. of new projects to be funded in the year	10	1. Knowledge sharing of R&D studies finding	1.1 Persons to be trained at meetings/ or information disseminated in	Not amenable

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
	resource management, conservation, regeneration, of degraded areas, cleaner technologies for resource and energy conservation, conservation of biodiversity; capacity increase in the country in terms of Equipment and scientific man power				through meetings/seminars projects	seminars/ workshops held on Final Technical Reports on completed projects	
		1.2 Total number of projects to be completed	3		2. Improved availability of Final Technical Reports on completed projects	2.1 Final Technical Reports to be obtained	3
		1.3 No. of meetings of the Steering Committee to be held during the year	1		3. Recommendations / findings of completed projects integrated with the Ministry's ongoing Programmes and Schemes	3.1 Cumulative % of completed projects recommendations/findings integrated with the ministry's ongoing programmes and schemes	Not amenable
		1.4 No. of meeting of the Technical & Financial Appraisal committee to be held	4				
		1.5 Cumulative no. of publications of the completed R&D projects published	3				

11. Conservation of Natural Resources and Ecosystems (CSS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		

2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
136.25	a. Conservation of Aquatic Ecosystems					
	1. Conservation and Management activities for wetlands (includes lakes) such as survey and demarcation, catchment area treatment, pollution abatement, strengthening of bund, fencing, weed control, fisheries development, education & awareness etc.	1.1. Number of wetlands where conservation and management activities are undertaken	8	1. Improved Conservation & Management of Wetlands	1.1 Tentative Area of wetlands covered (in lakh ha) under conservation activities	*3
				2. Improved Water Quality of Wetlands	2.1 Percentage change in Biological Oxygen Demand (BOD) level in the Wetlands covered under the scheme	
					2.2 Percentage change in Chemical Oxygen Demand (COD) level in the Wetlands covered under the scheme	
2. Workshops for wetland Managers for Conservation & Management of wetlands	2.1. Number of Regional Workshops for wetland Managers for Conservation & Management of wetlands organized	4	3. Capacity building of wetland managers	3.1 No. of stakeholders trained	80	
b. Biodiversity Conservation						
	1. Designation of new Biosphere Reserves (BR) and inclusion in the World Network of Biosphere Reserves (WNBR) of	1.1 Number of new BRs to be designated and included in the WNBR	1	1. Conservation of Biodiversity by enhancing the socio-economic and livelihood issues of the	1.1 Cumulative % of households employed/self-employed through supplementary and alternate livelihood	30 ⁴

³ Cannot be specified as it is dependent on the IMPs and PPRs to be submitted by the State Governments

⁴ Expected that with implementation of Management Action Plan 2021-22, on an average 30% of households within BR will be benefitted by way of alternate livelihood support

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	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		Man and the Biosphere Programme (MAB-UNESCO)			people living in BRs.	support in transition and buffer zones under the BR scheme	
	2.	Improved socio-economic conditions and livelihoods	2.1 Number of villages to be covered by activities to improve socio-economic conditions and livelihoods	300			
	3.	Organisation of Workshops/seminars and stakeholders meeting etc.	3.1 Number of meetings / workshops / seminars to be held for BR managers	1	2. Promoted research and monitoring on multifaceted areas	2.1 Cumulative % of reports of research studies on sustainable use of threatened resources and threatened species and ecosystems published	* ⁵
			3.2 Number of international meetings/workshops/seminars to be held	1			
	4.	Branding of BRs	4.1 Number of BRs to be branded	1	3. Enhanced rehabilitation of landscapes of threatened species and ecosystems	3.1 Cumulative % of threatened plants and animals species rehabilitated	* ⁶

⁵ Envisaged to felicitate few BRs in taking up research studies on sustainable use of threatened species notably in BRs under WNBR

⁶ Enhanced networking with other BRs envisaged, including sharing of information and materials for sustainable implementation of MAP 2021-22.

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
		4.2 Number of BR's Periodic Review Reports to be submitted to MAB-UNESCO	2	4. Enhanced communication and networking systems in the BR	4.1 Cumulative % of villages reached access of communication and networking systems in buffer and transition zones of BRs in the country	*7

12. Control of Pollution (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
470	1. Assistance for abatement of pollution to Central Pollution Control Board (CPCB), State Pollution Control Boards and Pollution Control Committees by providing funding for laboratory	1.1 Number of SPCBs assisted with funding	37	1. Wider and better assessment of improvement in air quality due to actions of Government	1.1 % change in air quality in terms of less number of 'severe', 'very poor' and 'poor' AQI days in the country over the year	Target not amenable ⁸

⁷ A comprehensive review of 18 BRs during 2021-22 envisaged

⁸ (over 134 stations across the country are measuring the AQI values, so a 5% change in air quality over the year, may be envisaged in the next year)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		development, pollution assessment, R & D etc.					
	2.	Funding for augmentation of National Air Quality Monitoring Programme (NAMP) stations under National Clean Air programme (NCAP)	2.1 No. of NAMP stations added	150	2. Enhanced air quality management	2.1 Strengthening of air quality monitoring network	Target not amenable ⁹
	3.	Monitoring of PM2.5 in uncovered locations under NCAP	3.1 No. of stations added for Monitoring of PM2.5	150			
	4.	Funding for augmentation of Continuous Ambient Air Quality Monitoring stations (CAAQMS) under NCAP	4.1 No. of CAAQMS stations added	150			
	5.	Source Apportionment	5.1 Number of SA studies initiated (each study)	17			

⁹ 731 existing covering 312 cities in 29 States and 6 UTs + 100 new, 205 existing covering 98 cities in 15 States and 3 UTs + 150 new, 150 existing covering 90 cities in 17 States + 25 new w.r.t. output no. 2,3,4

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		Studies (SAS) for non-attainment cities under NCAP	takes 2 years' time approx.)			contribution in non-attainment cities through source apportionment	
	6.	Preparation of action plans for cities under NCAP	6.1 No. of cities with action plans	20		2.3 Better planning for air quality management by local bodies, Central & State Government	70
	7.	Assistance for operation and Maintenance (O & M) of NAMP stations to SPCBs/PCCs	7.1 No. of NAMP stations assisted for O&M	731			
	8.	Assistance for O & M of CAAQMS in cities	8.1 No. of CAAQMS stations assisted for O&M	50			
	9.	Financial Support for development of CETP	9.1 Number of CETP	2	3. Better regulatory compliance by member industries of CETP	3.1 Improvement in water quality of receiving environment	2
	10.	Assistance for monitoring of water quality of aquatic	10.1 No. of stations for which States/UTs assisted / provided reimbursement for	100	4. Enhanced water quality management	4.1 Improvement in water quality monitoring network	3600

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		resources under National Water Monitoring programme (NWMP)	water quality monitoring under NWMP		5. Wider and better assessment of improvement in water quality due to actions of Government	5.1 Proportional improvement to be achieved in 2020-21 towards achieving prescribed bathing standards by 2022	Target not amenable
		11. Assistance for establishment of new noise monitoring stations in million plus cities under National Ambient Noise Monitoring Network (NANMN) as well as stations assisted for O & M	11.1 No. of new noise monitoring stations added	52	6. Enhanced noise quality management	6.1 Strengthening of noise quality monitoring network in million plus cities	226
			11.2 No. of stations assisted for O & M	35	7. Wider and better assessment of improvement in noise quality due to actions of Government	7.1 % change in noise pollution level basis on recorded sound level measure in the million plus cities over the year	25
		12. Result oriented time bound R&D studies for control and abatement of pollution specifically	12.1 No. of R&D studies initiated	5	8. Potential of new/innovative approaches for effective prevention and	8.1 Potential new, innovative, efficient and effective solutions / approaches developed	5

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		air and water pollution			control of air/water pollution		
	13.	Funding for Outreach Programme including capacity building and awareness of all stakeholders	13.1 No. of stakeholder consultations/ meetings / campaigns / field surveys held	5	9. Greater participation of all stakeholders	9.1 Awareness and capacity building programmes conducted	10

13. National Mission for a Green India (CSS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
290	a. Green India Mission – National Afforestation Programme						
	1.	First Year Activities: Advance Work for Afforestation which comprises of Soil Moisture Conservation work, Raising of Nurseries and preparation of site for plantation	1.1 Area (in ha) covered for advance work	45,345	1. Increase in forest cover	1.1 Area (in ha) covered for plantation to increase in forest cover	5,461
	2.	Second Year Activities:	2.1 Area (in ha) covered	21,844	2. Improvement in	2.1 Area (in ha) covered for	16,838

	Creation/Plantation of saplings	for plantation		quality of forest cover	plantation to improve quality of forest cover	
	3. Third to fifth year Activities: Maintenance of Planted saplings	3.1 Area (in ha) covered for maintenance of planted saplings	26,019	3. Increased forest-based livelihood income of household	3.1 No. of Household reported diversification of income	*10
	4. Promotion of alternative fuel energy devices	4.1 No. of Households received alternate fuel energy devices	10,000	4. Improvement in carbon sequestration potential	4.1 Increased in carbon sequestered potential (in billion tonne CO2 equivalent)	
b. Forest Fire Prevention and Management						
	1. Creation and maintenance of fire lines including control burning	1.1 Length of fire lines created and maintained (in km) during the year	40,000	1. Decrease in number of forest fire incidences	1.1 Percentage decrease in forest fire incidences	2
	2. Procurement of firefighting equipment's	2.1 No. of firefighting equipment's procured during the year	400	2. Decrease in forest areas affected by forest fire	2.1 Total decrease in estimated area affected due to forest fire	2
	3. Procurement/hiring of field vehicles for transportation of resources	3.1 No. of field vehicles to be procured/hired for transportation of resources	10			
	4. Water harvesting structure	4.1 Nos. of Water harvesting structures to be constructed	150			
	5. Engagement Fire watchers	5.1 Man-days of Fire watchers engaged	6,40,000			
	6. Training and pre- fire season workshops	6.1 No. of Training and pre-fire season workshops to be organised	600			

¹⁰ Targets for outcome in 3.1 and 4.1 will be updated on the submission of Annual Plan of Operations received from the states for FY 2021-22

	7. Incentivizing villages / JFMCs for protection against forest fire	7.1 No. of villages / JFMCs to be incentivized for protection against forest fire	400			
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14. Integrated Development of Wildlife Habitats (CSS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
414	a. Project Tiger						
	1.	Anti-poaching activities including camps, patrolling	1.1 Number of anti-poaching infrastructure assets constructed during the year	Target Not amenable	1. Stabilization of populations of critically endangered, flagship and other species in their habitats	1.1 Size of tiger population	Target Not amenable
			1.2 Number of wildlife crime seizures made w.r.t. tiger during the year	Target Not amenable		1.2 % change in the absolute size of Tiger Population in the country as per country level assessment of tigers	Target Not amenable
			1.3 Deployment of anti-poaching personnel during the year (man days in lakh)	20 lakh			
			1.4 Patrolling effort (in km)	50,000 km			
	2.	Strengthening of infrastructure within Tiger Reserve (including new Tiger Reserves)	2.1 Number of high watch towers constructed for surveillance during the year	Target Not amenable	2. Expansion of PAs covered under the scheme	2.1 Change in percentage of area designated as a Protected Area and/or Tiger Reserve	Target Not amenable
			2.2 Number of bridges/Culverts constructed during the year	Target Not amenable			
2.3 Maintenance of bridges /			100				

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			culverts during the year				
		2.4	Number of earthen ponds/dams created during the year	Target Not amenable			
		2.5	Maintenance of earthen ponds/ water holes during the year	100			
		2.6	Number of fire watch towers constructed during the year	Target Not amenable			
		2.7	Number of staff quarters constructed during the year	Target Not amenable			
		2.8	Maintenance of staff quarters during the year	50			
		2.9	Number of Offices constructed during the year	Target Not amenable			
		2.10	Maintenance of office building	25			
	3.	Habitat improvement (enrichment, planting, soil/moisture conservation, water harvesting, fire/flood protection)	3.1 Area (in ha) covered under grassland development during the year	5,000	3. Securing critical wildlife habitats like corridors and critically endangered habitats like mangroves	3.1 % change in area under forest cover within designated wildlife corridor (in sq km) over the last year	Target Not amenable
			3.2 Maintenance of grassland during the current year (in ha)	1,000			
			3.3 Area (in ha) covered under invasive plant removal activities including removal of gregarious	5,500			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			plant growth from grasslands during the year				
	4. Voluntary Relocation of villages from core /critical tiger habitats of Tiger Reserves to make them inviolate	4.1	Number of families relocated during the year	100	4. Supporting livelihoods	4.1 Number of man days generated (APC watchers, fire watchers, eco-tourism guides etc) by the tiger reserve during the current year (in lakhs)	8.25
		4.2	Number of villages relocated during the year	5			
		4.3	Area (in ha) made inviolate by relocation during the year	1,000			
	5. Management planning, strengthening research and awareness, capacity building	5.1	Number of Tiger Conservation Plan (TCP) / indicative Tiger Conservation Plan (where Tiger Conservation Plan is not approved) put in place during the year	3	5. Reduction in man-animal conflict	5.1 % Change in no. of human fatalities due to man-animal conflict under the project tiger over the last year	Target Not amenable
		5.2	No. of workshops for dissemination of reports conducted during the year	100			
		5.3	Number of Trainings for capacity building of frontline personnel conducted during the year	100		5.2 % Change in Amount of financial ex-gratia paid for instances of conflict under the project tiger over the last year	Target Not amenable
		5.4	No. of study tours conducted for appraisal of good practices during the year	10			
	6. Expansion of PAs covered under the	6.1	Change in number of Tiger Reserves over the year	2	6. Replication of good	6.1 Number of Tiger Reserves where good	Target Not amenable

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		scheme	6.2 Change in area under Tiger Reserves (in sq km) over the year	500	management practices	management practices to be replicated	
	7.	Strengthening and consolidation of PA management	7.1 Number of Tiger Reserves showing positive category change in Management Effectiveness Evaluation	Target Not amenable			
			7.2 No. of TRs with unified control over Core and Buffer zones	3			
			7.3 No of Tiger Reserves given funding support under CSS-PT	50			
	8.	Legalization of the management interventions in Tiger Reserves	8.1 Number of Tiger Conservation plans to be approved	3			
	9.	Increased preparedness of the forest officials for active management involving stakeholders concerned	9.1 Number of persons to be sensitized	1,000			
	10.	Enhancement of capacity of forest/other dept. officials	10.1 Number of persons to be trained	1,600			
	b. Project Elephant						
	1.	Management planning, strengthening research and awareness, capacity	1.1 No. of workshops / seminars / trainings /conferences organized	20	1. Stabilization of populations of critically	1.1 Size of elephant population	Target Not amenable

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		building	during the year		endangered, flagship and other species in their habitats	1.2 % change in the absolute size of elephant population in the country as per country level assessment of elephant over the year	Target Not amenable
	2.	Habitat improvement (enrichment planting, soil/moisture conservation, water harvesting, fire/flood protection)	2.1 Area improved under tree/fodder plantation (in ha) during the year	220	2. Securing critical wildlife habitats like corridors	2.1 % change in area under elephant habitats and corridors over the year	30
			2.2 Area covered under invasive plant removal activities (in ha) during the year	150		2.2 % Change in man- elephant conflict in crucial habitats over the year	27
			2.3 No. of water holes created during the year	150			
	3.	Anti-poaching activities including camps, watchtowers, patrolling, legal aid, procurement of rifles/guns/ammunition and infrastructure such as GPS, fire crackers etc	3.1 Number of anti-poaching camps/sheds created during the year	80			
			3.2 Number of anti-poaching squads created during the year	20			
			3.3 Number of watch towers created during the year	26			
			3.4 Stretch of patrolling path created/maintained (in km) during the year	630			
	4.	Integrated protection through landscape-level interventions and trans	4.1 Length of fire-lines to be brought under fire prevention and control (in	640			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22		
2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
	boundary PA initiatives	km)				
		4.2 Number of elephant barriers to be created	75			
		4.3 Number of salt licks to be created	40			
	c. Development of Wildlife Habitats					
	1. Management planning strengthening research and awareness, capacity building	1.1. Total number of Protected Areas (PAs) covered	450	1. Stabilization of populations of critically endangered, flagship and other species in their habitats	1.1. Number of species to be covered	21
		1.2. No. of PAs to have Management Plans	450		1.2. Species count - Lion	Target Not amenable ¹¹
		1.3. No. of PAs with Management Plan to be active	450		1.3. Species count - Manipur brow-antlered deer	Target Not amenable ¹¹
		1.4. Number of Capacity building seminars / workshop / trainings organized during the year	675		1.4. Species count – NilgiriTahr	Target Not amenable ¹¹
		1.5. Number of Awareness programmes/stakeholder consultations organized during the year	650		1.5. Species count - Rhinoceros	Target Not amenable ¹¹
					1.6. Number of species declared extinct	Target Not amenable ¹¹
	2. Relocation of villages	2.1. Size of population relocated during the year	590	2. Expansion of PAs covered under the scheme	2.1. Percentage of area to be under forest cover	24.54%
		2.2. Number of PAs covered by relocation programmes	2		2.2. Percentage of national territorial area to be	5.02%

¹¹ # As of 2020, (change cannot be predicted as the census is conducted by the state govt every five years. Last census was conducted in 2020)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			during the year			designated as a Protected Area	
	3.	Including projects for high-value biodiversity areas outside of PAs	3.1. Combined area of projects taken up outside of PAs (in sq km) during the year	6,200	3. Livelihood improved	3.1. Number of man-days (in lakh) of livelihood provided during the year	Target Not amenable
	4.	Habitat improvement (enrichment planting, soil/ moisture conservation, water harvesting, fire/ flood protection)	4.1. Area covered under tree plantation (in ha) during the year	1,500			
			4.2. Area brought under invasive plant removal (in ha) during the year	22,500			
			4.3. No. of water holes created during the year	1,600			
			4.4. No. of water holes maintained during the year	2,200			
	5.	Anti- poaching activities including camps, watchtowers, patrolling, legal aid, State Crime Cells	5.1. Number of Watch towers created during the year	20			
			5.2. Distance covered by Patrolling (in km) during the year	30,000			
			5.3. Number of Raids conducted during the year	1,500			
			5.4. Number of people provided with Legal Aid during the year	175			
			5.5. Intelligence network built during the year	200			
	6.	Supporting	6.1. Number of HHs provided	520			

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		alternative livelihoods, minor forest produce, eco-tourism	with alternate livelihoods during the year				
	7. Integrated protection through landscape-level interventions and trans-boundary PAs initiatives	7.1. Area covered under Fire protection activities (in sq km) during the year	25,000				
		7.2. Area brought under boundary protected (in sq km) during the year	25,000				
		7.3. Area covered under Perambulation (in sq km) during the year	5,000				