

CHAPTER II-C-1

REVIEW OF OVERALL PERFORMANCE DURING 2000-2001.

FORESTRY AND WILDLIFE

61. INDIRA GANDHI NATIONAL FOREST ACADEMY (IGNFA)

(Rs. in Crores)

BE	Actual Expenditure	Physical targets	Physical Achievement	Reason for shortfall if any
2.50	2.50	*	**	Nil

* Training of IFS Probationers.
Conduct of Induction training courses
Compulsory courses

** 31 IFS probationers of 1998 batch trained.
25 IFS probationers of 1999 batch trained.
2 Induction training course of SFS officer organised
2 compulsory training courses of IFS officers organised.

62. STATE FOREST SERVICE AND RANGERS TRAINING COLLEGES

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements	Reason for shortfall, if any,
State Forest Service and Rangers Training colleges	0.75	0.63			
a) Training of SFS officers in SFS Colleges, Dehradun & Coimbatore.			3 courses	2 courses	Due to inadequate demand from the states.
b) Training of Forest Rangers at SFS College, Coimbatore, Burnihat & EFRC, Kurseong.			3 courses	3 courses	No shortfall.
c) Refresher Courses for in-service SFS officers with 35 participants each			11 courses	9 courses	Due to inadequate demand from the states.
d) Courses on Computer Application in Forestry for in-service forest officers with 25 participants each.			8 courses	8 courses	No shortfall.
e) Advance Courses on Computer Application in Forestry for in-service forest officers with 35 participants each.			2 courses	2 courses	-do-
f) Theme based courses in forestry for In-service Forest Officers with 25 participants each.			4 courses	4 courses	-do-
g) Two weeks "Trainers Training Course" with 20 participants for each course			2 courses	----	Due to inadequate demand from the states
h) Two weeks "Refresher Course" for Range Officers (30 participants each).			3 courses	2 courses	-do-

63. INDIAN INSTITUTE OF FOREST MANAGEMENT

(Rs. in crores)

Name of the activity	BE	Actual Expenditure	Physical Targets	Physical achievement	Reasons for shortfall if any
INDIAN INSTITUTE OF FOREST MANAGEMENT	2.80	2.96			
MDP/ Courses & Seminars			12 MDP 2 Workshop 1 Seminar 1+1 batch	11 MDP 6 Workshop 2 Seminar 2000-2002 batch : 39 students 2001-03 batch : 35 students	Nil
PGDFM/ MRM					

64. INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION (ICFRE), DEHRADUN

(Rs. in Crores)

Name of the Activity	B.E.	Actual Expenditure	Physical Target	Physical Achievements	Reasons for shortfall, if any
1) Research a. General Component b. Externally aided component	29.50 17.60	29.50 19.14		*	NA
2) Education & Training	2.10	2.10			

* Physical Targets & Achievement For 2000-2001

ICFRE Headquarters:

Directorate of Research: Launching of National Forestry Research Plan, National Forestry Research Action Plan, Testing and Application of MIS & M&E modules in ICFRE Institutes, Planting Stock Improvement Programme covering 1290 ha SPAS, 150 ha CSO, 300 ha SSPA, 50 ha VMG and Six Model Nurseries, the targets will be fully achieved in different institutes. Implementation & monitoring of ongoing research projects in various organisations other than ICFRE Institutes under Research Grant Fund. Monitoring of Project supported 30 research programmes.

Directorate of Education : Finalization and implementation of HRD Plan, Training activities on statistical design and methods for middle/senior level scientists of ICFRE and advanced research Management training for Heads of Divisions and Directors of ICFRE Institutes, Grants-in-Aid to Universities. Continuation of M.S.C. Courses in Forestry, Wood science & Technology, PG Diploma Courses in Plantation Technology, Pulps & paper.

Directorate of Extension : Implementation of extension strategy of ICFRE, demonstration of technologies through established satellite centers under Extension Support Fund, printing of publicity material and its dissemination, Impact assessment of ongoing projects under ESF, Preparation of films, Setting up of well equipped Media Center at ICFRE, Procurement of books and journals.

Directorate of Administration : Completion of Civil works envisaged under FREEP, Procurement of scientific equipment, Implementation of financial accounting system, Payroll etc in Directorate of Administration.

Directorate of Statistics : Publication of quarterly Timber/Bamboo Trade Bulletins, Publication of Forestry Statistics India – 2001, Maintenance and upgrading of NFDBMS to continue, Biometrical support to research projects of ICFRE will continue.

ICFRE Institutes and its Centers :

IFP, Ranchi : Collection of germplasm bank for important medicinal plants, Use of biotechnology for bio-diversity conservation, Phenology of important tree species, Introduction of exotic species like Paulownia, Eco-rejuvenation of coal mine areas, Studies of mangrove ecosystem in West Bengal, Management of lac hosts for lac cultivation, Standardization of nursery techniques of lac host trees. Establishment & Maintenance of 100 ha SPA, 15 ha CSO, 60 ha SSO and 10 ha VMG and One Model Nursery .

IRMDFR, Jorhat : Ecological monitoring of Biodiversity and strategy of conserving Kajiranga National Park, evaluation of tropical moist forest especially Dipterocarps, Developing methods of restoring vegetation on degraded lands, Disease management of forest tree species in nurseries and plantations, Fertilizers response studies for tree species of north east, Mycorrhiza screening, Methodology to develop alternatives for shifting cultivation. Establishment & Maintenance of 50 ha SPA, 6 ha CSO, 5 ha SSO and 3 ha VMG.

IWST, Bangalore : Study of anatomical and mechanical properties of plantation grown timber, Computer assisted wood identification, Plastisization of Palms and bamboo, Development of alternative wood substitutes, Chemical induction in heartwood, sandal and teak wood, Assessment of environmental effects of wood preservatives, Application of pheromone technology for management of teak borer, Studies to termite problems, Improvement of planting stock by Bio-fertilizer application, Impact of industrial influents on mangrove eco-system, Studies on micro propagation in threatened species. Standardization of protocol for seed biology, Selection of candidate plus trees for teak and sandal, development of modern nursery techniques. Establishment & Maintenance of 120 ha SPA, 12 ha CSO, 34 ha SSO and 6 ha VMG and One Model Nursery .

IFGTB, Coimbatore : Genetic improvement of forest trees, Evaluation of genetic variability, Development of tissue culture/micro-propagation for selected tree species, Screening of Casuarina for problems soils of Tamil Nadu. Impact assessment of silvicultural practices on seed production in Teak, Eucalyptus and Casuarine, Soil and water conservation measures, Selection of insect pest/disease resistance phenotype of tree species, Market survey of pricing and utilization pattern of timber products, Trials of teak plantations, Computer application on research activities, Planting stock improvement Programme by development of 250 ha SPA, 206 ha SSO, 27 ha CSO, 13 ha VMG and One Model Nursery. Film preparation on various forestry techniques.

FRI, Dehra Dun : Establishment & Maintenance of 160 ha SPA, 19 ha CSO, 19 ha SSO and 4 ha VMG and One Model Nursery. Productivity studies of teak plantations, impact of pollutants on tree species, studies of agro forestry system and development of suitable agro forestry models, Evaluation of role plantations on sodic soils. Resin tapping by bore hole method in Pine, Computerization of Herbarium of FRI, Dehra Dun, Computerization of Anatomical data base of Indian heartwood, in-vitro multiplication of bamboo, Chir pine, shisham, teak and eucalyptus. Genetic improvement of certain species, Marketing mechanism for farm forestry species, Studies on drying time in Solar Kiln, Development of adhesives, Phyto-chemical examination, studies of tree borne oil seeds, Ecological impact assessment on bio-reclamation projects, Effluent treatment of pulp and paper industry, Forest community interface, Bio-ecological studies on insects pests of bamboos and their management, Evaluation of physical and mechanical properties of certain tree species, studies on threatened forestry species of U.P., DNA market studies, Phyto-chemical investigation of Sal for managing heartwood borer.

TFRI, Jabalpur : Establishment & Maintenance of 300 ha SPA, 40 ha CSO, 70 ha SSO and 10 ha VMG and One Model Nursery. Development of seed technology of pterocarpus, Standardization of nursery techniques for MPT species, Bio-chemical changes associated with tree seeds and study of leaf litter decomposition rater, Evaluation of non-wood forest products yielding species, Preservative application from plant species, Establishment of advance center for Non-wood forest product. Collection of germplasm of threatened medicinal plants, Agroforestry studies, Socio economic studies, genetic improvement of Gmelina arborea, Integrated management of diseases of tree species, Eco-

rehabilitation of degraded forest research in tree farming models, Collection of ethno botanical data, Biodiversity studies in protected areas and joint forest management areas.

AFRI, Jodhpur : Demonstration trials in hot arid zone, studies on interactive effect of ex-situ rain water harvesting and stand density, study of shelter belt and wind erosion, study of seed Borne microflora of selected tree species, disease spectrum of arid and semi-arid tree species, Study of pest problems, Study of biocidal activities and proteins. In addition to the above 53 projects approved by the Research Advisory Group shall also be taken up during the year under report. The targets of 200 ha SPA, 26 ha CSO, 55 ha SSPA and 5 ha VMG shall also be achieved under Planting Stock Improvement Programme.

HFRI, Shimla : Establishment and maintenance of 50 ha Seed Production Areas, 8 ha CSO, 10 ha SSO and 2 ha of VMG, Provenance testing of poplars, Selection of suitable species for cold desert areas, Regeneration of conifers and broad leaf forests, Agroforestry in lower Himalayan hills, Conservation of indigenous species of western Himalayas and increasing productivity to man-made forests etc. The projects cleared by RAG will also be taken up during the period under report.

65. INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE (IPIRTI), BANGALORE

(Rs. in Crores)

BE.	Actual Expenditure	Physical Target	Physical Achievements	Reasons for shortfall, if any
0.90	0.90	* **		NA

* 22 research projects and 16 sponsored research projects in progress.

** 16 projects completed.

66. FOREST SURVEY OF INDIA (FSI), DEHRADUN

(Rs. in Crores)

Name of the activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
1. Forest Inventory (Forest Area in sq. kms.)	7.81	7.77	40,000	1,48,400
2. Data Processing (Non- Forest Area in sq. kms.)			40,000	50,655
3. Thematic Mapping (No. of Sheets of 1:50,000 scale)			50	51
4. Vegetation Mapping (No. of Sheets of 1:250,000 scale)			182	182
5. Training (No. of Persons trained)			90	159
6. Special study (No.)			---	2

67. FOREST CONSERVATION

(Rs. in Crores)

Name of Activity	BE	Actual Expdt.	Target Nos.	Ach. Nos.	Reasons for shortfall, if any
1. Monitoring projects approved under FCA, 1980 for compliance of stipulated conditions.	Revenue 3.90	4.03	950	836	Post are lying vacant
2. Monitoring Projects approved under EPA, 1986 for compliance of stipulated conditions.	Capital 1.00		400	821	No shortfall

68. FOREST PROTECTION AND REGENERATION

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
1. Association of Scheduled Tribes and Rural Poor in Regeneration of Degraded Forests	3.56	3.56	3340 ha.	Not yet assessed
2. National Forestry Action Plan (NFAP)	0.10	0.11	Release of NFAP Document	Released
3. Modern Fire Forest Control and Management	14.00	5.98*	To assist States in forest protection.	All States were assisted in forest protection.
4. Infrastructure Development	7.00	13.25	Forestry infrastructure development in North Eastern States and Sikkim	Funds provided to Assam and Tripura.

* low due to reduced budgetary outlay in revised estimates

69. WILDLIFE INSTITUTE OF INDIA (WII)

(Rs. in Crores)

Programme	BE	Actual Expdt.	Physical Targets (no. of persons)	Physical Achievements (no. of persons)	Reasons for shortfall, if any
WII	7.00	6.00			
a) M.Sc. Courses in Wildlife Sciences			12	12	No shortfall
b) P.G. diploma Course in Wildlife Management			30	23	Due to non-sponsoring of course participants by the relevant agency
c) Certificate Course in Wildlife Management			30	14	
d) Field Workshop/ Short Courses			300	300	

70. STRENGTHENING OF WILDLIFE DIVISION AND CONSULTANCIES FOR SPECIAL TASKS

.(Rs in. Crores)

BE	Actual Expdt.	Physical Targets/ Achievements
1.75	0.943	Physical targets/ achievements are not given as the Scheme aims at strengthening the functions of the Central Wildlife Organisation and Regional and Sub-Regional Offices and enforcing the provisions of the Wildlife (Protection) Act, 1972 and CITES. A large number of seizures of wildlife and derivatives have prevented illegal trade, particularly in the international market.

71. NATIONAL PARKS AND SANCTUARIES

(Rs. in Crores)

Name of the Activity	BE	Actual	Physical Targets	Physical Achievements
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Development of National Parks & Sanctuaries	15.85	Expdt. 16.80	200 National Parks and Sanctuaries	205
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72. CENTRAL ZOO AUTHORITY (CZA)

(Rs. in Crores)

BE	Actual Expdt.	Physical Targets/ Achievements
11.01	11.26	*As indicated below.

* Physical Targets for 2000 -2001

- To recognise or de-recognise zoos under the provisions of the Wildlife (Protection) Act.
- To evaluate zoos with reference to the Recognition of Zoo Rules, 1992.
- To provide technical and financial support to zoos with potential to achieve the desired standards.
- To create Rescue Centres.
- Proper housing and upkeep of animals received from circuses and Zoos refused recognition.

Physical Achievements in 2000-2001

- 30 zoos evaluated and 18 zoos granted recognition, with suggestions for further improvement. Renewal of recognition of other zoos withheld, pending compliance of suggestions.
- 21 zoos assisted in improvement of housing, upkeep, veterinary care, etc.
- Several training courses and workshops organised and various education and awareness programmes financed. One Zoo Director and one veterinarian sent for specialised training in zoo management.
- Financial assistance provided to the Centre for Cellular and Molecular Biology (CCMB), Hyderabad for creation of a laboratory for conservation of endangered species.
- Assigned projects to the Wildlife Institute of India, Dehradun on behaviour of primates and carnivores and preparation of studbooks of five endangered species.

73. ANIMAL WELFARE BOARD OF INDIA

The scheme has been transferred to the Ministry of Social Justice and Empowerment w.e.f. 3.9.1998.

74. PROJECT TIGER

(Rs. in Crores)

BE	Actual Expenditure	Physical target	Achievements
Rs.19.18 crores including Rs. 2.18 crores for NE Region	Rs.19.18 crores including Rs. 2.18 crores to NE Region.	To continue to provide Central Assistance to the 27 Tiger Reserves under the Project Tiger Scheme.	Based on the Annual Plan of Operations containing physical targets submitted by the State Governments Central Assistance was released and implementation was monitored.

75. PROJECT ELEPHANT

(Rs. in Crores)

BE	Actual Expenditure	Physical Target	Physical Achievements	Reasons for shortfall, if any
7.80	6.37	As proposed by States in A.P.O	*	North-Eastern States have been slow in utilisation of funds.

* Physical Achievements in 2000-2001

- Habitat Restoration - (a) Plantation - 1445 ha. (b) Pasture Development – 480 ha.

2. Protection and Anti-Poaching- (a) Patrolling track and firelines - 502 kms. (b) Patrolling Camps- 32 (c) Watch Towers- 12. (d) Wireless sets- 8 fixed stations, 14 VHF sets, 36 handsets.
3. Vehicles (operational use)- 22 motorcycles, 1 jeep.
4. Fire Arms- 10
5. Conflict Management- (a) Energised Fencing - 80 kms. (b) Elephant Proof Trenches - 143 kms. (c) Capture- 9.

76. ECODEVELOPMENT IN AND AROUND PROTECTED AREAS

- (i) The targets and achievements under the Scheme for Eco-development in and around Protected Areas in 2000-2001 are as below:

(Rs. in Crores)

BE	Actual Expdt.	Physical target	Achievement
Rs.15.33 crores including Rs. 3.11 crores	Rs.13.11 crores including Rs. 3.11 crores to NE Region	To provide Central Assistance to 80 National Parks and Sanctuaries	Central Assistance was provided to 130 National Parks and Sanctuaries based on the Annual Plan of Operations containing physical targets submitted by the State Governments, in addition to monitoring the implementation of the Scheme.

- (ii) The targets and achievements under the India Eco-development Project (Externally Aided) in 2000-2001 are as below:

(Rs. in Crores)

BE	Actual Expdt.	Physical Target and Achievements	Reasons for shortfall, if any
39.00	31.82	<p>Assistance was provided to seven Project States. The expenditure was incurred on the following activities relating to ecosystem management and habitat protection and management:</p> <ol style="list-style-type: none"> i. Survey and Demarcation ii. Baseline Mapping iii. Microplanning for Villages iv. Management training and Study Tours v. Implementation support and Supervision vi. Environmental Education and Awareness activities vii. Impact Monitoring And Research Activities which include Support Facilities viii. Civil Works, Vehicles, Transport and Procurement of Equipment. <p>Most of the activities under Village Eco-development Programme are to be implemented by the Eco-Development Committees for each village in and around Protected Areas (PAs). There are 569 villages in all the PAs. The Project is being continuously monitored by the Review Missions of the World Bank from time to time.</p>	Less demand by States

77. BENEFICIARY ORIENTED SCHEME FOR TRIBAL DEVELOPMENT

(Rs. in Crores)

BE	Actual Expenditure	Physical target & achievements
Rs 4.00 crores + Rs. 4.00 crores for NE Region.	Rs.3.11 crores	For relocating 461 tribal families from Kuno Palpur and Nagarhole National Parks and Melghat Tiger Reserve.

78. NATIONAL ZOOLOGICAL PARK (NZN)

(Rs in Crores)

Name of the Activity	BE.	Actual Expenditure	Physical Target/ Achievement
Development Works in The NZP	0.75 (Capital) 0.65 (Revenue)	0.75 0.65	Creation of African Elephant, Chimpanzee, Gibbon enclosure and modification of existing animal enclosures.

79. NATIONAL AFFORESTATION & ECO-DEVELOPMENT

(Rs. in crores)

Sl. No.	Name of Scheme	BE	Actual Expenditure	Physical target for 2001-02 (in ha.)	Physical Achievement 2001-02 (in ha.)
1.	Integrated Afforestation and Eco-Development Project Scheme	88.00	60.05	58970	42810
2.	Fuelwood/Fodder Projects Scheme	33.00	22.52	69484	47649
3.	Non-Timber Forests Produce (including Medicinal Plants) Scheme	22.00	22.93	23087	16113
4.	Seed Development Scheme	1.70	1.44	No targets	18 States assisted
5.	Grants-in-Aid Scheme (for Voluntary Agencies)	4.50	3.83	2000	73 Projects sanctioned

The reasons for shortfall in the release in respect of these schemes namely AOFFP, IAEPS, NTFP and Seed Development are as under:

Cut in overall expenditure of the NAEB advised by PC Division. Revised estimates of these schemes had to be reduced to keep the overall expenditure within Rs.71.80 crores. AOFFP scheme is 50:50 sharing basis between State Governments and the Government of India. Confirmation regarding availability of matching share for this scheme was not received from several State Governments.

ECOLOGY AND ENVIRONMENT

80. BOTANICAL SURVEY OF INDIA (BSI), CALCUTTA

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Achievements
BOTANICAL SURVEY OF INDIA	5.50	3.86		
i) Exploration survey travel expenses under research and investigation			185	95
ii) Collection of specimens (numbers)			-	14,679

iii) Preservation of specimens (nos.)			-	340
iv) Coverage of species under threat under publication of Red Data Books			-	--
v) Publication Books/Journals			14	11

81. ZOOLOGICAL SURVEY OF INDIA (ZSI), CALCUTTA

(Rs. in Crores)

Name of the Activity	B E	Actual Expdt.	Physical Targets	Physical Achievements	Reasons for Shortfall, if any.
ZSI	4.56	4.56	Exploration & Survey – 83	Survey – 78	1 Surveys to Ladakh could not be completed 2 Surveys due to manpower shortage 1 Survey due to Non receipt of permission from State Forest Dept. of Kerala 1 survey due to the disturbed condition in the Forests of Karnataka
			Status Survey of Endangered Species	1 survey	Nil
			Taxonomic studies	Fauna of Sikkim : Manuscript in Press Fauna of Manipur: Manuscript in writing Fauna of Ujini : In Press Fauna of Mizoram : Manuscript in press Fauna of Nagaland : Manuscript in Press Fauna of Kabar lake : Ms. In press Fauna of Desert : Part –I published, part-II in progress Fauna of Gulf of Mannar : Ms is under review	
			<u>Publication</u>	Fauna of India : Diptera : Chloropidae & Sarcophagidae is in Press Fauna of Larval Trematodes : Ms. in press Fauna of Reptelia (Crocodelia) in press State Fauna of Megahalaya, West Bengal, remaining parts in press. Tripura, 3 books in press Occasional paper : 8 book published Records of ZSI : 98, Part – I, II & III published Bibliography of Indian Zoology : Vo. 29 & 30 Published, Vol. 31 in press 1 Hand book & 1 manual on EIA published Memoirs Vol.18 parts 3 & 4 published	
			Renovation of Musea	Work in progress at ZSI, Solan, Jodhpur, Pune & Chennai. Bird and Habitat Gallery in Indian Museum completed	
			ENVIS on Faunal Diversity	News letter (Half yearly) published , Data entry on Type specimens continued	
			Training & Extension Services	Two training Programme conducted	

82. ENVIRONMENTAL EDUCATION, AWARENESS & TRAINING

(Rs. in Crores)

Name of the Scheme	BE	Actual Expdt.	Physical Targets	Physical Achievements, shortfall, if any
1. Environment Education & Training	4.22	4.22		
i) National Environment * Awareness Campaign (NEAC)			Different activities under the campaign to be completed	The campaign was completed in time.
ii) Establishment of Eco-clubs *			1600	1870
2. Seminar/Symposia/ Workshops	0.30	0.35	65	70

* No separate allocation was made for these programmes.

83. ENVIRONMENTAL POLICY & LAW

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target	Physical Achievements
1. Environment Policy & Law Activities.	0.25	0.19		
a) Environment Policy & Legislation			- Publication of notification - Holding of Seminar - Amendment to Water Cess Act	- notifications published
b) Eco-mark scheme			- Development of criteria - Publicity to Eco-mark - Assistance to Comparative Testing programme	- Project sanctioned to Indian Institute of Materials Management
c) Comprehensive National Environment Policy			- Publication of National Environment Policy document - Organisation of Seminars	- The State of Environment Report released on 5.6.1999
d) Trade & Environment			- Prepare a Position Paper	
2. National Environment Tribunal	0.50	-	- Setting up of Benches of the Tribunal	Act could not be put into operation

84. WORLD BANK AIDED INDUSTRIAL POLLUTION CONTROL PROJECTS

(Rs. in Crores)

Name of the activity	B.E.	Actual Expdt.	Physical Targets	Physical Achievements
<p>World Bank Aided Industrial Pollution Control Projects</p> <p>Industrial Pollution Prevention Project.</p>	22.00	17.03	<ul style="list-style-type: none"> - Procurement of equipment for 4 SPCBs, viz., Andhra Pradesh, Karnataka, M.P. and Rajasthan - Upgradation of facilities in the regional labs of the four project SPCBs - Imparting of training to the personnel of SPCBs - Provision of funds to industries for waste water recycling plants - Provision of funds to Gujarat for software procurement and training under the GIS Project - Upgradation of training package under the Waste Minimisation Circle. 100 Circles to be established. 4 Newsletters to be issued 	<p>Many Equipments have been procured and certain packages are under processing</p> <ul style="list-style-type: none"> • At APPCB, the work has almost been completed. Work at other Central / Regional Labs will be completed by March 2002 • Specific training programmes have been identified for different levels of management and staff of the four beneficiary SPCBs. The activities under this sub-component will pick up speed once the Inception Report is approved by the World Bank • A GIS programme on Hazardous Wastes data for Gujarat State has been put in place • 20 Waste Minimization Circles have been established and over 100 Waste Minimization options were generated by these circles. 23 industrial sectors have been covered and 8 WMC Newsletters were published under the project

85. ENVIRONMENTAL AUDIT, CLEAN TECHNOLOGY, ENVIRONMENTAL STATISTICS AND MAPPING

(Rs. in Crores)

Name of the activity	BE	Actual Expdt.	Physical Target	Physical achievements
Environmental Audit	0.20	0.20	Preparation of Env. Audit update,	Training programmes in the sectors of distillery Fertilizer were sponsored.
			Sectoral analysis of Environmental Statements	A Publication on Env. Audit update has been brought out.
			Demonstration studies.	A project on 'Comprehensive Approach for Environmental Audit' has been sponsored to CPCB.
Environmental Statistics and Mapping	0.10	0.10	Project on 'Geochemical Baseline Mapping for Environmental Management for Cauvery Basin' sponsored to National Geophysical Research Institute, Hyderabad.	Continuing
			Environmental Statistics and Mapping in Delhi sponsored to NISTADS	Continuing
Adoption of Clean Technologies in Small Scale Industries			Project on 'Coastal Environmental Management Plan' sponsored to EPTRI. Training & awareness programmes, WM demonstration Studies Sector Specific, Manuals.	Continuing Waste minimization demonstration studies textile cotton yarn, bulk drug and chemical and tanneries have been completed. Training and awareness Programmes on WM have been conducted through DC:SSI for SSIs.

86. ENVIRONMENTAL IMPACT ASSESSMENT (INCLUDING CLEAN TECHNOLOGIES)

(Rs in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Target	Physical Achievement
Environment Impact Assessment	1.60	1.0715	The objective of Impact Assessment division is to assess the environmental impacts of development projects which are referred to this Ministry.	Since environmental impact assessment is a continuous procedure, there are no physical targets assigned.
Sustainable Development Strategy and promotion of Clean Technologies	5.00	1.19	One carrying capacity and one Life Cycle Analysis (LCA) study to be completed.	Carrying capacity study on Tapi Estuary and LCA study on steel sector completed.

87. NATIONAL MUSEUM OF NATURAL HISTORY (NMNH), NEW DELHI.

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements	Reasons for shortfall, if any
NMNH, New Delhi.	2.50	2.21	Updating & renovation of museum premises and exhibit galleries, strengthening of specimen collection by field working.	Partially achieved	Due to limitation of the hired premises and also due to inability to appoint Field Collector
			Acquisition of exhibits and display materials	Partially Achieved	
			Educational activities and extension services. Year round different activities as outlined in the Annual Action Plan	Achieved	
Regional Museum of Natural History, Mysore			Exhibit preparation for 2 nd Phase development; Exhibition on plant & animal classification	Partially achieved. Planning in process. Exhibition in progress	Shortage of human resource due to diversion to other Regional museums
			One exhibition in each quarter	Achieved as planned	
			To acquire raw material for fabrication of showcases and procurement of machines	Achieved as planned	
			To organize number of activities, programmes and extension activities	Achieved	
Regional Museum of Natural History, Bhopal			Development of new exhibits for 2 nd Phase Gallery	Not achieved	
			Discovery Room/Khoj Clubs in Schools	Partially achieved	
			Tiger Resource Centre Planning	Consultant selected	
			Major renovation and mounting exhibition Year round activities	Renovation part achieved. Mounting work being undertaken.	
Regional Museum of Natural History, Bhubaneswar			To establish a site office in the newly constructed building	A site office with nucleus staff established	Development activities could not be taken up due to lack of human resource
			Acquisition of exhibit/display materials.	Achieved as planned	
			Collection, acquisition and documentation of specimens/slides/photographs	Targets could not be achieved due to lack of manpower	
			Planning of 1 st Phase Exhibit galleries, Discovery Centre and other public areas	Targets could not be achieved for want man power	

88. CIVIL CONSTRUCTION UNIT

(Rs. in Crores)

Name of the Activity	BE/RE	Actual Expdt.	Physical Targets (No. of works)	Achievements (No. of works)	Reasons for shortfalls if any	
					Under PE Progress (No. of works)	Sanction awaited
Forestry & Wild Life	4.75	4.75	15	5	8	2
Ecology & Wild Life	7.00	7.63	73	29	39	5
Environment Education/Training/Extenuation	2.50	1.84	7	2	4	1
Civil Works	1.70	1.73	-	-	-	-
Grand Total	15.95	15.95	95	36	51	8

89. ENVIRONMENTAL INFORMATION SYSTEM (ENVIS)

(Rs. in Crores)

Name of the scheme	BE		Actual Expdt.		Target/Achievements
	Plan	Non Plan	Plan	Non Plan	
ENVIS	1.25	0.27	1.86	0.26	*

*Physical targets and achievements

- Two ENVIS Centres on new emerging area are proposed to be set up during the year.
- Annual Report of the Ministry (2000-01) will be published by ENVIS. The report has been published and distributed.
- A home-page of the Ministry has been set up and could be browsed at URL: <http://envfor.delhi.nic.in>
- ENVIS has also started publishing a monthly newsletter namely 'Enviro News' reporting various programmes, achievements, laws, rules, clearances etc. This Newsletter is continued to be published during 2000-2001.
- Queries-answer service will be provided to all ENVIS Network and efforts will be made to provide substantive information as far as possible to users.
- A total number of 14,695 queries were responded to by the ENVIS network during the year to the users concerned.
- ENVIS has started implementing the Sustainable Development Networking Programme (SDNP) supported by UNDP and IDRC, Canada. A web site has already been developed which can be browsed at URL: <http://sdnp.delhi.nic.in> and is regularly updated. 11 SDNP nodes have been identified and set up in various organizations of the country.

Reasons for shortfall, if any

Only one area has been identified by the Committee and the Centre is being processed to be set up.

90. CENTRES OF EXCELLENCE

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target and Achievements
CENTRES OF EXCELLENCE	6.00	5.09	<p>19 projects were started; 25 projects were completed, 1 Ph.D. Degree was awarded and 78 research papers were published by the CEs, Bangalore, CME, Dhanbad, completed.</p> <p>3 long term and 12 short term R&D projects, trained 75 persons and awarded 13 M. Tech. Degrees in Environmental Science and Engineering.</p> <p>SACON completed the ongoing construction work, ongoing projects were entrusted and initiated some new Research Projects. The remaining Centers continued their ongoing activities in respective fields, as approved by respective Governing Councils/Board of Governors.</p>

91. NATIONAL NATURAL RESOURCES OF MANAGEMENT SYSTEMS (NNRMS)

(Rs. Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target and Achievements
NNRMS	1.00	0.85	<p>- A few new thrust areas already identified by the Bio-Resources Committee have been covered and 13 new projects under these priority areas have been supported. Monitoring of the on-going projects are being taken up during the year.</p>

92. GRANTS-IN-AID TO PROFESSIONAL SOCIETIES:

(Rs. in Crores)

Name of the Scheme	BE	Actual Expdt.	Target and achievements
Grants-in-aid to Professional Societies	0.10	0.09	Though no numerical target was set up under this scheme, proposals received from the various organisations were considered and worth-supporting proposals were provided financial assistance

Reasons for short -fall:

The budgeted expenditure could not be utilized due to non-availability of worth supporting proposals.

93. NATIONAL RIVER CONSERVATION DIRECTORATE

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Target (no. of schemes)	Physical Achievements (no. of schemes completed)	Reasons for shortfall, if any
1.NRCD (Estt.)	6.55	3.85			Funds under these programmes could not be utilized as U.C.'s were not recd. from the implementing agencies/ NGO's/ States concerned by December end. NRCD could utilize the funds in the last quarter
2. NRCP	193.50	117.54	278 (schemes appd .with diff. compl .dates, many may spill over to next year)	52	
3. NLCP	10.00	0.20			

					but by that time, cut was imposed by Ministry of Finance & P.C. Division.
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94. WETLAND CONSERVATION PROGRAMME

(Rs. in crores)

Name of Activity	BE	Actual Expdt.	Physical Targets	Achievements	Reasons for shortfall, if any
WETLAND CONSERVATION PROGRAMME	5.00	4.00	*	Target achieved	-

- Physical Targets:
 - Release of financial assistance for the MAPs of 20 identified wetlands for carrying out the approved activities under management action plan.
 - Convening the meetings of Research sub-Committee and National Committee.
 - Sanctioning of new research projects.
 - Identification of new wetlands of national importance.
 - Evaluation of progress of ongoing research projects.
 - International cooperation and participation related to Ramsar Convention/Standing Committee meeting and follow -up action for CoP 7.
 - Finalization of guidelines for monitoring mechanism and updating wetland directory.
 - Seeking information for inclusion of more wetlands of international importance under Ramsar Convention as announced by India in the 7th CoP.

95. ASSISTANCE FOR ABATEMENT OF POLLUTION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target
Assistance For Abatement Of Pollution	0.25	0.25	- Nil -

96. COMMON EFFLUENT TREATMENT PLANTS (CETPs)

(Rs. in Crores)

Name of the activity	BE	Actual expenditure	Physical target	Reasons for shortfall, if any
CETP	1.50	nil	nil	Since the funding to the CETPs are to be made out of the GOI budget, the SFC was to be prepared and approved

97. REIMBURSEMENT OF WATER CESS

(Rs. in crores)

Name of the scheme	BE	Actual Expdt.	Physical targets and Reasons for shortfall, if any
Reimbursement Of Water Cess	44.80 (Non-Plan)	43.32(Non-Plan)	- Nil -

98. TAJ PROTECTION MISSION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target/Physical Achievements	Reasons for shortfall, if any
Taj Protection Mission	35.00	35.00	Ten schemes have been started under the Mission and are under implementation. Six more projects have been received by the MoEF for consideration	There is no short fall

99. CENTRAL POLLUTION CONTROL BOARD

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Target/Physical Achievements
CENTRAL POLLUTION CONTROL BOARD	9.00	9.00	The programmes on pollution assessment, survey & monitoring continued as planned. Laboratory facilities were strengthened, AQC exercise held, water quality criteria reviewed Initiated studies for providing back-up to SPCBs/ local bodies in implementation of MSW Rules

100. ASSISTANCE TO BOTANIC GARDENS

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
Assistance to Botanical Gardens.	1.00	1.35	Inviting proposals from existing Botanical Gardens	17 Botanic Gardens were provided financial support.

101. RESEARCH AND ECOLOGICAL REGENERATION(R&D)

(Rs. in Crores)

Name of the activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
Research & Development	3.50	3.24	Initiation of new projects: 30 Servicing of ongoing projects: 105 Review & monitoring of ongoing projects: 105 Dissemination of Results of completed research projects.	Initiation of new projects: 22 Serviced 105 ongoing projects Reviewed & monitored 105 ongoing projects. Executive summaries of 37 completed projects were put on the Web site of the Ministry.

During 2000-2001, the thrust areas of research were prepared in due consultations with experts, scientists, researchers and the various divisions of the Ministry. In all, 22 thrust areas were accordingly identified. Further, with a view to disseminate the salient findings of the completed research projects, a separate location under the web site of the Ministry under the title 'Research and Development Notes' has made. The notes under each project provide the salient results of the investigation.

102. G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical achievements.
G.B. Pant Institute of Himalayan Environment & Development				
R&D and other expenditure Construction	5.00	3.14	1. Strengthening of six on-going R&D programmes and initiation of a new major core programme. 2. Completion of construction works (Phase-I), at Katarmal (HQs), Kullu (HP) and Panthang (Sikkim)	1. Six identified R&D programmes continued and marginally strengthened, at HQs and through four units; a new core programme initiated. 2. Library & Information Centre completed at HQs.; School & dispensary buildings are under construction. New campus at Katarmal, Almora & Kullu became functional and works at Panthang initiated.

Reasons for shortfall

Lack of adequate manpower for (1) and insufficient funding for (1&2). A sum of Rs. 2.25 sanctioned in the financial year 2000-2001 but released in the financial year 2001-2002.

103. INTEGRATED ACTION ORIENTED RESEARCH AND DEVELOPMENT IN HIMALAYAN REGION

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
Integrated Eco-development Research Programme	0.45	0.25	Continuation of on-going projects and sanction of new projects under the activity	Some ongoing projects completed; a few new programmes initiated.

Reasons for shortfall

Lack of budget enhancement as requested. A sum of Rs. 0.20 sanctioned in the financial year 2000-2001 but released in the financial year 2001-2002.

104. BIODIVERSITY CONSERVATION

(Rs. in Crores)

Name of the activity	B.E.	Actual Expdt.	Physical Targets/ Physical Achievements
Bio-diversity Conservation	0.75	0.62	*

*

1. Legislation on bio-diversity

After Cabinet's approval in March 2000, extensive interactive sessions were held with Legislative Department for converting the outline of legislation into a Bill. All procedural formalities

for introducing the Bill in Parliament were completed. The Bill was introduced in the Lok Sabha on 15 May 2000. The Bill was referred to the Department related Parliamentary Standing Committee on Science, Technology, Environment and Forests for examination and report. A detailed commentary giving clause-wise explanation, a tabulated statement depicting the comparison of our legislation with Biodiversity legislation's in some other countries, a background note on the legislation and a paper on Hotspots and Biodiversity in India were prepared for the use of the Committee. Interactive sessions were held with the Chairman and other members of the committee to explain the nuances of various clauses. From September 2000 to January 2001, the Committee examined about 20 witnesses on the Bill. Nearly 25 written representations were received by the Committee on the Bill. These were carefully analysed and Ministry's remarks against each of these comments were tabulated. The Committee undertook these study visits covering various States for eliciting the views.

2 Biosafety Protocol

After the adoption of the Cartagena Protocol on Biosafety, a draft note for Cabinet seeking approval for signing the Protocol was prepared and circulated to concerned Ministries/Departments. Comments received were analysed, and the note revised. The revised note was submitted to the Cabinet in September 2000. The Cabinet in its meeting held on 7.11.2000, approved the proposal. India signed the Protocol on 23.1.2001. In order to prepare for first meeting of the Intergovernmental Committee for the Cartagena Protocol on Biosafety (ICCP), extensive interministerial consultations were held. A detailed background note elucidating the position was prepared and finalised after interministerial consultation.

3 National Biodiversity Strategy and Action Plan (NBSAP) project

The Executing agencies for the States, Thematic Working Groups, Eco-regions and Substate sites were identified. The State Governments were requested to designate nodal agencies and constitute State Steering Committees. The first National Workshop for introducing the key participants to the process of NBSAP was held in June 2000. Regular interaction on a day to day basis is being held with the administrative agency as well as the Technical and Policy Core Group for implementation of the project. Several documents have been prepared to facilitate Executing agencies in the preparation of Strategy and Action Plan. Second meeting of the Steering Committee for the NBSAP project was held in November 2000 to review the performance of the project.

4 Conference of the Parties (CoP) to the CBD

Agenda documents for the fifth meeting of the CoP to the CBD were examined and India's brief prepared after interministerial consultations. The Indian delegation participated actively in the fifth CoP. Follow-up action was initiated and a number of case studies submitted to the CBD Secretariat.

5 Matters relating to the Genetic Engineering Approval Committee (GEAC)

Following the transfer of this work to CS Division in August 2000, two meetings of GEAC were organised in November 2000 and March 2001. A total of twenty proposals requiring GEAC clearance were processed and considered in these meetings. A process has been initiated to examine the 1989 Rules vis -à-vis the Biosafety Protocol.

6 Consultations on specific aspects relevant to bio-diversity

Participated in interministerial consultations and provided inputs on issues relevant to bio-diversity, such as intellectual property rights, traditional knowledge, benefit sharing, plant varieties protection, Patents Act etc.

7 Commissioning of studies addressing specific aspects

A project has been commissioned for validation of threatened animals of the country.

105. CONSERVATION & MANAGEMENT OF MANGROVES AND CORAL REEFS

(Rs. in crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements	Reasons for shortfall, if any
CONSERVATION & MANAGEMENT OF MANGROVES AND CORAL REEFS	4.70	4.12	26 MAPs on Mangrove & 4 MAPs Coral Reef areas	24 MAPs on Mangroves and 4 MAPs on Coral Reefs	Physical Targets could not be achieved due to non-receipt of Ucs from the States
Research	0.30	0.11	11 on-going and 5 new projects	11 on-going and 4 new projects	Revised projects from the proponents not received.

106. HAZARDOUS SUBSTANCE MANAGEMENT

(Rs. in crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets/Achievements	Reasons for shortfall, if any
Hazardous Substance Management	4.10	2.07	*	The shortfall is due to reformulation of the EFC and delay in receiving assurance from Maharashtra Government regarding their share in the project on TSDCF for Hazardous Wastes.

*Physical Targets/Achievements

Amendments to MSIC Rules, 1989 and HW (M&H) Rules, 1989 notified; EFC reformulated incorporating (i) capacity building in Management of Chemical Accident and (ii) Establishment of common TSDF; Fund released for sub-scheme (i) capacity building to institution for management of chemical accident; Red Book is being updated; Eleven Feasibility studies under ISDPP Project completed; 8 Hazard Analysis Studies undertaken; Fund released for training on emergency preparedness, accident prevention; & Hazardous Waste Management; Municipal Solid Waste Rule notified; Registration of 69 Units completed and 17 units have been approved in principle. Draft feasibility report on Bichri remediation reviewed.

107. BIOSPHERE RESERVES

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements	Reasons for shortfall, if any.
Biosphere Reserves (MAP)	2.65	4.05	14 MAPs on B.Rs	14 Maps on BRs	
Research	0.85	0.90	47 on-going and 10 new projects	47 on-going and 12 new projects were supported	No shortfall

108. INTERNATIONAL COOPERATION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target	Physical Achievements
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ICEF	0.05	--	Projects are at various stages of implementation	The Govt. of Canada have not donated any commodity. The projects are implemented with the available funds in ICEF.
UNDP/GoICCF-I on Environment Support Programme	7.00	6.50	Implementation of the Sub-Programme as approved by PMB	21 sub-programmes are at various stages of their implementation.
Delhi Urban Environment Project	3.50	3.25	Consultant appointed for the Project	The project started in Feb. 2000.
IC Division activities	1.15	1.10		The details are given below

Achievements:

- 1) Nomination of officials for training abroad in the field of environment & Forests.
- 2) The study under the World Bank Assisted Delhi Urban Environment Project was completed.
- 3) Follow-up, implementation, monitoring and evaluation of the approved projects under the GoI/UNDP-CCF Programme.
- 4) Follow-up on the MoUs signed with Germany, Russia, Turkmenistan, Tajikistan, Vietnam, China and Iran.
- 5) Follow-up on the Indo-US and Indo-Brazil Common Agenda on Environment.
- 6) Follow-up on the action points related to SAARC Environment Ministers Meeting.
- 7) Building a strong pipeline of new GEF proposal, follow up and implementation of approved GEF projects, to monitor and evaluate their progress.
- 8) India participated in GEF Council Meeting held in May 2000 in Washington.
- 9) Assessment of the funding objectives of various lending and donor agencies (multilateral, bilateral and private) to facilitate access of more resources for projects.
- 10) Coordination Committee meetings to review various Externally Aided Projects in the field of Environment & Forests.
- 11) MEF led the Indian delegation to the 8th Session of Commission on Sustainable Development in New York during 23-28 April, 2000.
- 12) MEF participated in the First Global Ministerial Environment Forum in Malmo, Sweden during 28th May-2nd June 2000.
- 13) MEF visited Iran during 1-2 July, 2000 to hold bilateral discussions with Vice-President of Iran in the field of environment.
- 14) MEF led the Indian delegation to Japan to attend the ESCAP Ministerial Conference on Environment and Development during 4-5 September, 2000
- 15) MEF led the Indian delegation to discuss bilateral issues with Dy. Prime Minister of United Kingdom during 1-3 October, 2000.

- 16) India also actively participated in the various Conference of parties /technical committee meetings of the UN Framework Convention on Climate Change, Convention on Biological Diversity, Basel Convention on Trans-boundary Movement of Hazardous Wastes, Convention to Combat Desertification, Montreal Protocol on Substances that deplete Ozone layer, Ramsar Convention, Governing Council of Global Environment Facility and UNEP.
- 17) Organised Regional Workshop on GEF Awareness in Bangalore, Lucknow, Ahmedabad and Calcutta.
- 18) The first Indo-EU Working Group meeting on Environment was held in New Delhi on 13th March, 2001.

109. TAXONOMY CAPACITY BUILDING PROJECT

(Rs. in Crores)

Name of the Activity	BE	Actual Exptd.	Physical Targets	Physical Achievements
TAXONOMY CAPACITY BUILDING PROJECT	2.50	1.00	To release funds to centres for research and training.	Centres identified. Steering Committee set up. Financial assistance provided to the 11 Coordinating Units/training centres and to various collaborating units..

110. ENVIRONMENTAL MANAGEMENT CAPACITY BUILDING TECHNICAL ASSISTANCE PROJECT (WORLD BANK AIDED)

(Rs. in crores)

Name of the Activity	BE	Actual Exptd.	Physical Targets	Physical Achievements	Reasons for shortfalls
ENVIRONMENTAL MANAGEMENT CAPACITY BUILDING TECHNICAL ASSISTANCE PROJECT	32.00	13.15	*	**	***

*

- Based on final report submitted by the consultants, hands on training to staff on computer to be given, international & domestic programmes to be finalized and conducted including procurement of equipment.
- Faculty Upgradation programme, Ph. D. Scholar Workshops, training programmes for practicing economist and non-economists and funding of research projects in environmental economics, library support to universities and institutions, holding of international workshops on economic instruments.
- Establishment of NGO Environmental Action Fund (NEAF) to support programmes in Gujarat on adverse environmental impacts
- Strengthening of institutions and training of personnel and demonstration of 2 projects in Mining sector.
- To map rapidly industrializing districts across India and proposed sites for new industrial estates for preparation of District Zoning Atlas for siting of industries, procurement of equipments and preparation of environmental management plans for several areas.
- Development of Geographical Information System (GIS) for selected Coastal Marine Areas; Development of Integrated Coastal Marine Area Management Plans, conducting of Waste Assimilation Capacity and Waste Load Allocation Studies for selected estuaries and development of impact assessment guidelines for marine and coastal area activities.

- Strengthening of Gujarat's Department of Environment & Forests and Gujarat Ecology Commission to enhance their capacity for policy formulation, implementation and monitoring compliance with environmental laws and regulations in high priority areas.
- Strengthening of Gujarat's Department of Environment & Forests and Gujarat Ecology Commission to enhance their capacity for policy formulation, implementation and monitoring compliance with environmental laws and regulations in high priority areas.
- To assist Central Pollution Control Board in upgrading Air Pollution Monitoring system and setting up of AQM cell.
- Strengthening infusion of environmental concepts in school curricula and pilot implementation in six States.
- Strengthening legal capacity of staff of MoEF, CPCB and SPCBs.

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- Training programmes finalized but training not yet conducted, most of the equipments purchased and hands on training on computer to research staff completed.
- 134 participated so far in different faculty upgradation programmes, in two Ph. D. Scholar Workshop 33 persons participated, 705 economists & non-economists participated in training programmes, 20 persons attended overseas fellowships, 59 research projects approved for funding, 49 institutions benefited from library support and International Workshop on Economic Instruments was held in New Delhi in June, 2001.
- 34 projects have so far been approved at a value of Rs. 2.92 crores. Others are being processed.
- The national and international consultants have been appointed and inception report received. Requirement of equipment finalized. Training programmes for 180 persons being worked out.
- Mapping and digitization work for 86 districts has been completed for preparation of District Zoning Atlas. Environmental Management Plans have been prepared for Kanpur and Haldia in West Bengal. For others action is in progress. These are all ongoing activities.
- GIS for Gahirmatha completed. GIS for Kambhat is at final stage. Final reports for Tapi and Ennore completed. TOR for Hoogly Est finalized. Development of draft EIA guidelines for waste disposal and tourism are under finalization Data for DSS being reviewed. Data for ICMAM Plan for Goa & data needs finalized.
- SEAP All the nine technical groups have completed their draft phase-II reports and are under evaluation. Development of Relational database management system is in progress. Preparation of the draft State Environmental action Programme (SEAP) report under way.
- LS. CP option generation and feasibility study are under progress. In 8 industries detailed process and energy efficiency studies, waste stream identification and material balance studies have been completed. For cleaner Production implementation work is scheduled to be held in October 2001. Survey of SCU clusters in the North Gujarat region conducted out of 36 CP clinics, 16 CP clinics have so far been conducted. For development of environmental indicators draft final report is awaited from the consultant. All procurement required under the component have been completed. Training strategy for the component was finalized and has been approved by the World Bank recently.
- Procurement of major equipment through the procurement consultant has been finalized and supply effected. AQM cell has been set up in CPCB.
- Action plan for second phase approved and training strategy finalized.
- Some training programmes organized and publications brought out. Partner institutions finalized.

- Draft contract with the consultant for foreign and domestic training not yet finalized. Specifications for some equipments could not be finalized in time.

- No major short falls have been noticed under this sub-component and it has been progressing all along satisfactorily. Only difficulty is being experienced in getting the books/monographs/publications translated into Hindi.
- There has been delay in the appointment of both national and international consultants who were on board in July, 2001 only and hence delay in the start of other activities.
- Delay in approval of TORs for engagement of consultants is impacting the activities in several other areas.
- EIA guidelines for Ports and Harbours are yet to be finally approved by MoEF.
- It took a long time in developing clarity about the work areas and the methodology of going ahead. There were changes in the setting of priorities from the beginning of the project. Initially the component was expected to strengthen institutions in handling pollution in a variety of areas. However, after prolonged discussion with the bank the Government of Gujarat decided to confine itself to industrial pollution control.
- Engagement of major Consultancies not yet finalized. Procurement of equipment for strengthening laboratories yet to be finalized by the consultant.
- There has been delay in finalization of pilot implementation plan and approval of the training strategy.
- Delay in finalization of partner institutions.

111. INDIAN INSTITUTE OF BIO -DIVERSITY

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
Indian Institute of Bio-diversity	0.50	Nil	Fencing of land and its development for construction of building.	Due to delay in approval, no action could be initiated.

Reasons for shortfall, if any:

Due to delay in approval.