

**CHAPTER-II C-2**

**REVIEW OF OVERALL PERFORMANCE DURING 2000-2001**

**113. INDIRA GANDHI NATIONAL FORESTRY ACADEMY (IGNFA), DEHRADUN**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.(upto Oct.2000)	Physical Targets	Physical Achievements
<b>IGNFA</b>	2.50	0.90	a) Training of IFS Probationers  b) Conduct of Induction Courses.  c) Compulsory Courses	31 IFS Probationers of 1998 batch currently undergoing on the job training.  25 IFS probationers of 1999 batch currently undergoing professional phase training.  2 Induction Courses for SFS officers promoted to IFS underwent training for two and half months.  2 Compulsory Courses were conducted for 1 week & 2 weeks training.

**114. STATE FOREST SERVICE AND RANGERS COLLEGES**

(Rs. in Crores)

Name of the activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Target	Physical Achievements (upto Oct. 2000)
1) Training of S.F.S. Officers at SFS College, Dehradun & Coimbatore.	0.75	0.22	3 Courses	1 Courses
2) Training of Forest Rangers at S.F.S. College, Coimbatore, S.F.S. College, Burnihat & Eastern Forest Rangers College, Kurseong.			3 Courses	-----
3) Refresher Courses for In-service SFS Officers with 35 participants each			11 Courses	6 Courses
4) Courses on Computer Application in Forestry for In-service Forest Officers with 25 participants each.			8 Courses	3 Courses
5) Advance Courses on Computer Application in Forestry for In-service Forest Officers with 35 participants each.			2 Courses	1 Courses
6) Theme based courses in forestry for In-service Forest Officers with 25 participants each			4 Courses	2 Courses
7) Two Weeks "Trainers Training Course" (20 participants for each course).			2 Courses	-----
8) Two Weeks "Refresher Course" for Range Officers (30 participants each).			3 Courses	1 Course

**Reasons for shortfall, if any.**

- 1) Trainees of 1998-2000 passed out at S.F.S. College, Coimbatore on 30.6.2000. 1999-2001 & 2000-2002 S.F.S. Courses are under training at S.F.S. College, Dehradun.
- 2) 2000-2002 Rangers Course commenced at S.F.S. College, Coimbatore w.e.f. 01.11.2000. Next 2000-2002 Rangers Course commenced at E.F.R.C., Kurseong w.e.f. 15.11.2000 & 2001-2003 Rangers Course will be commenced at S.F.S. College, Burnihat w.e.f. 15.01.2001.
- 3) No shortfall. Remaining courses are to be completed from November, 2000 to March, 2001.
- 4) No shortfall. Remaining courses are to be completed from November, 2000 to March, 2001.
- 5) No shortfall. Remaining courses are to be completed from November, 2000 to March, 2001.
- 6) No shortfall. Remaining courses are to be completed from November, 2000 to March, 2001.
- 7) Nil
- 8) No shortfall. Remaining courses are to be completed from November, 2000 to March, 2001.

**115. INDIAN INSTITUTE OF FOREST MANAGEMENT (IIFM), BHOPAL**

(Rs. in Crores)

Name of the Activity	BE	Actual Release (Upto Dec. 2000)	Physical Targets	Physical Achievements
<b>IIFM</b>	2.80	2.10		
PGDFM/MRM MDP/Courses & Seminar Research Studies/ Consultancies			1 + 1 batch 15 MDP/ 2 Workshops --	1+1 batch 5 MDP/2 Workshops On going Projects will be completed and some new projects have been started

**116. INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE (IPIRITI), BANGALORE.**

(Rs. in Crores)

Name of the Activity	BE	Actual Release ( upto Nov. 2000)	Physical Target	Physical Achievements
<b>IPIRITI</b>	0.90	0.67	i) Continuation of 13 ongoing research projects. ii) Sanction of new research projects	All the 13 ongoing research projects were taken up out of which 9 have been completed and the reports released. The PAC approved 10 new research projects.

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

(Rs. in Crores)

Name of the Activity	BE	Actual Release (upto Oct. 2000)	Physical Targets/Achievements

<b>ICFRE</b> <u>Research (Plan)</u>			*
a) General component.	29.50	22.125	
b)Externally Aided Component.	22.75	11.375	
c)Education & Training	2.10	1.57	

**\* ICFRE Headquarter:**

**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 Biodiversity conservation, Phonology 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 on termite problems, Improvement of planting stock by biofertilizers 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, Photochemical examination, studies of tree borne oil seeds, Ecological impact assesment on bio-reclamation projects, Affluent treatment of pulp and paper industry, Forest community interface, Bio-ecological studies on insects pests of bamboo and their management, Evaluation of physical and mechanical properties of certain tree species, studies on threatened forestry species of U.P., DNA market studies, Photochemical 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 micro-flora 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, 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.

## SURVEY AND UTILISATION OF FOREST RESOURCES

### 118. FOREST SURVEY OF INDIA (FSI)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements
FSI	7.81	4.54		

a) Forest Inventory (area in sq. km)			40,000	36,921
b) Thematic Mapping (1:50,000 scale)			50 map sheets.	15 map sheets
c) Vegetation Mapping (1:25,000)			181 map sheets.	83 map sheets
d) Training (number of persons trained)			90	67
e) Data Processing (area in sq. km)			40,000	15612

## 119. FOREST CONSERVATION

Under the Scheme, Strengthening of Forest Divisions, 6 Regional Offices are implementing the Forest (Conservation) Act and monitoring of Environmental Clearances accorded by the Ministry under Environment (Protection) Act. The physical and financial targets/achievements during 2000-2001 are as under:

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Dec. 2000)	Physical Targets.	Physical Achievements.
<b>Strengthening of Forest Division.</b>	4.50	3.04	a) Monitoring of Forest Conservation Projects approved under FCA, 1980. Target: 950	400
			b) Monitoring of Environmental Projects approved under EPA, 1986. Target: 400.	260

## 120. FOREST PROTECTION AND REGENERATION

(Rs. in Crores)

Name of the Activity	BE	Actual Release (upto Oct, 2000)	Physical Targets	Physical achievements
<b>1. Association of Scheduled Tribe and Rural Poor in Regeneration of Degraded Forests.</b>	4.19	2.04	Implementation of Work programme for the year 2000-2001 in 13 States for rehabilitation of degraded forest and maintenance of spill over work	Work programme for 2000-2001 for rehabilitation of degraded forest land, including maintenance of assets created finalised and central assistance of Rs.2.04 crores (upto Oct. 2000) released to states.
<b>2. National Forestry Action Plan</b>	0.20	0.06 (upto Dec. 2000)	Preparation of concept papers for North East States. Obtaining concept papers for all the states in the prescribed Performa. To put NFAP on Website. Review of concert papers prepared by national consultants for any states. Publish a ring book containing concept papers for presentation to donors.	Concert paper for NE States have been formulated. Concert paper have been received from eight states and awaited from other states. Two National conferences have been funded. NFAP to be put on Website by December 2000. Ring book will be ready by December 2000. Initiated discussions with bilateral and multilateral

			Organise two national conferences. Hold discussions with bilateral and multilateral agencies in association with EAP Division.	funding agencies to secure funding for implementation of NFAP
<b>3. Introduction of Modern Forest Fire Control Methods in India.</b>	14.65	--	To assist all the states to develop necessary infrastructure to control forest fire.	All the states are being assisted

## WILDLIFE

### 121. NATIONAL ZOOLOGICAL PARK

(Rs. in Crores)

Name of the Activity	B.E.	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements
<b>Development work in NZP</b>	1.50	0.20	Creation of African Elephant, Chimpanzee, Gibbon enclosure and improvement and modification of existing animal enclosure.	

### 122. WILDLIFE INSTITUTE OF INDIA (WII)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Dec. 2000)	Physical Targets/Achievements (No. of persons)
<b>WII</b>	4.50	3.12	
a) M.Sc. course in Wildlife Science.			12
b) PG Dip. Course in Wildlife Management.			20
c) Certificate Course in Wildlife Management			20
d) Field Workshop/ Courses.			245

### 123. STRENGTHENING OF WILDLIFE DIVISION AND CONSULTANCIES FOR SPECIAL TASKS

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements
<b>Strengthening of Wildlife Division</b>	1.75	0.47	To provide funds for establishment, office expenses and travel for Regional Offices, Central Wildlife Division and Consultancies for Special Tasks.	Target will be achieved.

### 124. NATIONAL PARKS AND SANCTUARIES

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall, if any
<b>Development of National Parks and Sanctuaries.</b>	22.85*	18.09*	To provide assistance for 250 National Parks & Sanctuaries, against which assistance to 117 National Parks & Sanctuaries had been provided under the scheme.		--

\*Includes an amount of Rs.7.00 crores for North Eastern States against which an amount of Rs.4.68 crores has been released.

#### 125. CENTRAL ZOO AUTHORITY (CZA)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets/ Achievement
<b>CZA</b>	13.00*	4.26*	Financial assistance will continue to be provided to State Governments/Corporations, Research Projects/Training Programmes will be sponsored by the CZA.

\* Includes an amount of Rs.5.00 Crores for North Eastern States, against which an amount of Rs.0.26 crores has been released. Further proposals from North Eastern States amounting to approximately Rs.2.50 Crores are likely to be cleared by the Central Zoo Authority during the year.

#### 126. PROJECT TIGER (PT)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements
<b>PROJECT TIGER - Conservation and Protection</b>	23.00	12.00	Release of Assistance to 27 Tiger Reserves for habitat development, fire Protection Development, Construction of buildings, Roads, Improvement of Infrastructure for Communication and mobility.	Annual work Programme of all the 27 Tiger Reserves have been approved for development works. The progress against physical targets is being monitored.

#### 127. ECO-DEVELOPMENT IN AND AROUND PROTECTED AREAS

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements

<b>Eco-development in and Around Protected Areas.</b>	22.00	9.73	To provide financial assistance to 25 Project Tiger areas and 115 National Parks and Sanctuaries.	Biomass Generation – 6000 ha. Cattle camps – 200 Health camps – 250 Minor Irrigation – 75 Ponds, Check dams Hand pump – 250
<b>India: Eco-development Project (World Bank aided Scheme).</b>	39.00	10.96	Release of funds to 7 project States for works relating to improved Protected Area Management, Village Eco-development Environment Education, Improved Impact Monitoring and Research.	Assistance was given to 7 Project States. Ist instalment of funds released. Progress is being monitored.

### 128. PROJECT ELEPHANT (PE)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall, if any.
<b>Conservation and Protection of Elephants</b>	11.00	2.96	To assist 12 States for conservation of elephants.	Till date 9 states are given assistance under this scheme	--

### 129. NATIONAL AFFORESTATION & ECO-DEVELOPMENT BOARD

(Rs. in crores)

Name of Scheme	BE	Actual Expdt. (upto Oct. 2000)	Physical target for 2000-2001 (in ha.)	Physical Achievement 2000-2001(in ha.)	Reasons for shortfall if any
Integrated Afforestation and Eco-Development Projects Scheme	88.00**	32.57	60465	3901*	--
Area Oriented Fuelwood and Fodder Projects Scheme	33.00	17.04	76105	17700*	--
Conservation and Development of Non-Timber Forests Produce (including Medicinal Plants) Scheme	22.00	17.04	23794	5290*	--
Tree Pasture & Seed Development Scheme	1.70	1.19	Not applicable	Not applicable	--
Grants-in-Aid Scheme for Voluntary Agencies	2.50	0.81	--	--	--

\* - Tentative (Progress reports from all States has not yet been received).

\*\* including Rs. 30.00 crores earmarked for SVGSY scheme being implemented on pilot basis under IAEPS.

**130. BENEFICIERY ORIENTED SCHEME FOR TRIBAL VILLAGES OF PROJECT TIGER AREA, NATIONAL PARKS AND WILDLIFE SANCTUARIES**

(Rs. in Crores)

Name of the Activity	BE	Actual Release (upto Oct. 2000)	Physical Targets	Physical Achievements
Relocation of the tribal families from the protected areas	8.00	2.46	Relocation of 100 Tribal families from Madhav National Park in MP, 100 Tribal families from Nagarhole National Park in Karnataka and completion of Phase-II relocation of Kuno Palpur Wildlife Sanctuary in MP.	Relocation Plan in respect of Madhav National Park, Nagalhole National Park have been sanctioned and assistance has been provided to State Governments for relocation of tribal families outside the protected areas.

**131. BOTANICAL SURVEY OF INDIA (BSI)**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (up-to Oct. 2000)	Physical Targets	Physical Achievements
BSI	5.00	2.08	Exploration surveys 167 tours Collection of specimens Ca 20000. Preservation of specimens Ca. 15000 Publication.-14	54 tours Ca 7000 Ca 3000 11

**132. ZOOLOGICAL SURVEY OF INDIA (ZSI)**

The ZSI is responsible for the exploration and survey of faunal resources and research on Taxonomy, biology, ecology, wildlife, animal population and behavior. Its achievements during the year are as under:

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements (upto Sept. 99)
ZSI	5.5	2.34	*	**

\*Physical Targets

- Exploration and survey – 83
- Status survey of endangered species.
- Taxonomic studies

- d) Publication.
- e) Renovation of Musea
- a) ENVIS ON Ecology.
- b) Training & Extension Services

**\*\*Physical Achievements**

- a) Exploration and Survey – 35
- b) Status survey of endangered species – 1 survey.
- c) Taxonomy Studies:
  - Fauna of Sikkim
  - Fauna of Manipur
  - Fauna of Ujni
  - Fauna of Mizoram
  - Fauna of Nagaland
  - Fauna of Kabar Lake
  - Fauna of Desert
  - Faunal of Gulf of Mannar
- d) Publication:
  - Larval Trematodes Part-II
  - Reptilia:Crocodilia
  - Diptera:Chloropidae
  - Diptera:Sarcophagidae
  - Rec.ZSI:Vol.98 Part-I-IV (Part-I publ.)
  - AnnualReports:94-95
  - Bibliography:Vol.29 in Govt. Press
  - Fauna of Meghalaya:Vols.4,7 & 9 in Govt. Press
  - Fauna of Tripura: Vols.1-4 In CRC stage
  - Occasional Papers published 178-186
- e) Renovation of Musea
  - Work in progress at WRS, CRS, APFS, SRS, MBS, DRS, HAFZS.
- f) ENVIS on Ecology
  - News letter (Half yearly) & Data collection to be continued
- g) Training & Extension Services
  - Training Programmes to be conducted.

**133. ENVIRONMENTAL EDUCATION, AWARENESS & TRAINING**

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements

<b>1. Environment Education &amp; Training</b>	4.22	1.87		
<b>i) NEAC*</b>			Different activities under the campaign to be completed	The campaign is in advanced Stage and the activities would be completed in time
<b>ii) Estt. Of Eco-clubs*</b>			1500	The proposals for renewal setting up of new clubs are under processing.
<b>iii) Mass Awareness Campaign*</b>				It is not possible to fix any physical targets for this campaign.
<b>2. Seminar/Symposia/ Workshops</b>	0.30	0.17	65	39

\* No separate allocation has been made for these programmes.

#### 134. ENVIRONMENTAL POLICY AND LAW

(Rs. in Crores)

Name of the Scheme	B.E.	Actual Expdt. (upto Oct. 2000)
<b>1. Environment Policy &amp; Law Activities:</b>	0.25	0.90
<b>a) Environment Policy &amp; Law</b>		
<b>b) Eco-mark scheme</b>		
<b>c) Comprehensive National Environment Policy</b>		
<b>d) Trade &amp; Environment</b>		
<b>2. Environment Commission &amp; Tribunal</b>	0.25	

Physical Target:

1. Environment Policy & Law Activities:

- a) Amendment of Environment (Protection) Act, 1986. Amendment of Cess Act.
- b) Publicity to Eco-mark Assistance to Comparative Testing Programme Development of criteria and publication of notification.
- c) Preparation of a document on National Environment Policy.

2. National Environment Tribunal

- Setting up of Benches of the Tribunal.

Physical Achievement:

1. Environment Policy & Law Activities:

- a) A draft Bill has been prepared which is currently under examination in the Ministry. A Cabinet Note inviting comments of various Ministries will be circulated in due course. A Bill for amendment to the Water Cess (P&CP) Act, 1977 has been prepared. This Bill is expected to be introduced in the next session of the Parliament.
  - b) A report on comprehensive testing of certain consumer products has been prepared. A report on Green Rating is being executed.
  - c) The state of Environment Report has been released on 5.6.1999.
2. The Division is in the process of setting up of Benches of the Tribunal.

**135. WORLD BANK AIDED INDUSTRIAL POLLUTION CONTROL PROJECT**

(Rs. in Crores)

Name of the activity	B.E.	Actual Expdt. (Upto Oct. 2000)
World Bank aided Industrial Prevention Control Project.	22.00	10.00

Physical Target:

- Procurement of equipment for 4 SPCBs, viz., AP, Karnataka, MP and Rajasthan.
- Provision of facilities for the labs in the SPCBs of the four States mentioned above.
- Imparting of training to the personnel of PCBs.
- 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. 3 training programmes for facilitators to be organised. 60 circles to be established. 4 newsletters to be issued.

Achievements:

- Analytic and monitoring equipment for the PCBs as well as for small regional laboratories have been acquired. Tenders for six IFB packages of equipment have already been awarded and four more are under various stages of finalisation.
- Funds have already been sanctioned to the four SPCBs for refurbishing laboratory facilities including upgradation of existing facilities and provision of additional space for infrastructure.
- Funds have already been provided for one IWRP Project and two CETP Projects.
- Work is under progress with both Hardware and Software being installed, with the approval of World Bank.
- Two training programmes have been conducted and 39 Waste Minimisation Circles have been established till date.

**136. NATIONAL MUSEUM OF NATURAL HISTORY**

(Rs. in Crores)

Name of the scheme	B.E.	Actual Expdt. (Upto Oct. 2000)	Physical Targets/ Achievements

<p><b>National Museum of Natural History, New Delhi.</b></p>	<p>1.39</p>	<p>0.74</p>	<p>1) Updating &amp; renovation of museum premises and exhibit galleries, strengthening of specimen collection by field working</p> <p>2) Acquisition of exhibits and display materials</p> <p>3) Educational activities and extension services</p>	<p>Partially achieved</p> <p>Partially achieved</p> <p>Procurement of material achieved.</p>
<p><b>REGIONAL MUSEUMS</b></p> <p><b>Regional Museum of Natural History, Mysore</b></p>	<p>1.11</p>	<p>0.33</p>	<p>Exhibit preparation for 2<sup>nd</sup> Phase development;</p> <p>Exhibition on plant &amp; animal classification.</p> <p>One exhibition in each quarter To acquire raw material for fabrication of showcases for exhibits To procure equipments, furniture, etc.</p> <p>To organise number of activities, programmes and extension activities.</p>	<p>Partially achieved. Planning in progress.</p> <p>Exhibition in progress.</p> <p>Achieved as planned. Achieved as planned</p> <p>Achieved as planned.</p> <p>Achieved as planned.</p>
<p><b>Regional Museum of Natural History, Bhopal.</b></p>			<p>Development of new exhibits.</p> <p>Khoj Clubs in Schools.</p> <p>Planning of Tiger Resource Centre</p> <p>Major renovation and mounting exhibition.</p> <p>Year round activities as mentioned in the Annual Action Plan.</p>	<p>Not achieved.</p> <p>Partially achieved.</p> <p>Special meeting in December consultant selected.</p> <p>Achieved as planned.</p> <p>Achieved as planned.</p>

<b>Regional Museum of Natural History, Bhubaneswar</b>			To establish a site office in the newly constructed building.  Materials related to fabrication of exhibits to be acquired.  To enrich the museum with specimens and other related materials.  Phase-wise development of the galleries.	A site office with nucleus staff established.  Achieved as planned.  A strategy to be developed in consultation with Adv. Planning Committee.  Partially achieved.
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Reasons for shortfall:-

**National Museum of Natural History, New Delhi.**

Due to limitations of the hired premises.

**Regional Museum of Natural History, Mysore**

Shortage of human resource due to diversion to other Regional Museums.

**137. ENVIRONMENTAL IMPACT ASSESSMENT**

(Rs. in Crores)

Name of the Scheme	BE	Actual Expdt. (upto Oct. 2000)	Physical Target/Achievements	Reasons for shortfall, if any
<b>Environmental Impact Assessment</b>	1.60	0.80	The objective of Impact Assessment division is to assess the Impact of any development Projects from Environment angle which is referred to this Ministry. Therefore there is no physical target and achievement.	--

**138. CIVIL CONSTRUCTION UNIT**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct, 2000)	Physical Targets (No. of works)	Achievements (No. of works)	Reasons for shortfalls if any	
					Under PE Progress (No. of works)	Sanction awaited
<b>Forestry &amp; Wild Life</b>	4.75	2.70	13	1	9	3
<b>Environment</b>	7.00	4.41	71	23	28	20
<b>Environment Education/Training/ Extension</b>	2.50	1.53	4	1	2	1

<b>Civil Works</b>	1.70	1.16	--	--	--	--
<b>Grand Total</b>	15.95	9.80	88	25	39	24

### 139. ENVIRONMENTAL INFORMATION SYSTEM (ENVIS)

(Rs. in Crores)

Name of the scheme	BE	Non Plan	Actual Expenditure		Physical Targets/ Achievements
	Plan		Plan	Non Plan(upto Oct,2000)	
<b>ENVIS</b>	1.25	0.28	1.17	0.33	*

\*Physical Target and Achievements:

- A few ENVIS Centres on the new emerging areas are proposed to be set up. One of these areas, namely, "Eco-tourism" has been identified and the setting up of the Centre is being processed.
- Annual Report of the Ministry (2000-2001) will be published by ENVIS.
- A HOME-PAGE OF THE Ministry has been set up and could be browsed at URL:<http://envfor.delhi.nic.in> . The Home-page is updated by ENVIS periodically.
- ENVIS has also continued publishing a bimonthly newsletter namely 'Enviro News' reporting various programmes, achievements, laws, rules, clearances etc. This Newsletter would be 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. All the ENVIS Centres will be developing their web site in order to access information by the user through internet directly from the Network Partners as and when required.
- 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](http://sdnp.delhi.nic.in) and is regularly updated.
- 10 SDNP regional nodes have been identified to be set up during the year. Negotiations with the identified institutions are being made to set up such regional nodes under SDNP.

### 140. CENTRES OF EXCELLENCE

(Rs. in Crores)

Name of the scheme	BE	Expdt. (upto Dec, 2000)	Physical Target and Achievements
<b>CENTRES OF EXCELLENCE</b>	6.00	3.01	Continuation of Environment Awareness Programmes and production of resource material at CEE, Ahmedabad and CPREEC, Chennai. Continuation of M.Tech. Programme and development of training modules for non-coal Mining Sector Executives by the CME, Dhanbad. Completion of Research Projects and initiation of new Projects in the field of Ornithology by the SACON. Infrastructure Development and creation of special garden for physically handicapped and setting up field conservatory for endemic by the TBGRI, Thiruvananthapuram. Initiation of new research projects on bio-diversity, ecology and conservation biology, conservation genetics, animal behavior and continuation of on going projects in these fields by the CES, Bangalore. The CEMDE, Delhi, will continue construction of its building, purchase of vehicles and recruitment of staff.

**141. NATIONAL NATURAL RESOURCES MANAGEMENT SYSTEMS (NNRMS)**

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets/Achievements
NNRMS	1.00	0.99	*

Physical Target & Achievements:

- A few thrust areas already identified by the Bio-Resources Committee will be covered. 14 new projects under the areas have been supported under the scheme.
- Monitoring of the on-going projects is being taken up during the year.

**142. PARYAVARAN VAHINI**

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt. (upto Oct,00)	Physical Targets/Achievements
Paryavaran Vahini	0.05	--	No specific targets have been set because as per the decision of the Ministry, the scheme is likely to be transferred to the various States without any financial commitment of the Ministry. The Planning Commission has already been communicated in this regard. Decision of the Planning Commission is yet to be received by the Ministry.

**143. GRANTS-IN-AID TO PROFESSIONAL SOCIETIES**

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt. (upto Oct, 2000)	Physical Targets/Achievements
Grants-in-aid to Professional Societies	0.10	0.04	Guidelines and proforma for submission of the projects under the scheme have been finalized and circulated to all concerned so that more and more proposals are supported under this schemes.

**144. NATIONAL RIVER CONSERVATION DIRECTORATE**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Target (no. of schemes)	Physical Achievements (no. of schemes)	Reasons for Shortfall, if any
GAP-I	0.00	0.00	3	0	It is expected that the targets will

<b>GAP-II</b>	84.00	1.19	132	7	be achieved.
<b>NRCP (including of establishment)</b>	116.05	22.36	121	6	
<b>NLCP</b>	10.00	0.20	-		

- i) A Capacity to treat 112 mld (million liters per day) of sewage has been further created in 2000-2001 (under YAP), thus totaling to an over all capacity to treat 1155 mld of sewage under the River Action Plans.
- ii) The performance under Ganga Action Plan Phase-II gained momentum with 7 more schemes having been completed in 2000-2001. 6 more schemes were completed under National River Conservation Plan.
- iii) With a keen concern for health, it has been decided to synchronize the environmental standards to be fulfilled under the NRCP with those prescribed by the CPCB for disposal into water bodies and for use for irrigation.
- iv) NRCD decided to adopt the norms of water supply as recommended by the Ministry of Urban Development for the various categories of towns in the country. Those norms will be made use of when providing assistance for scheme for sewage diversion and treatment.
- v) With an intention to recycle water and put it to beneficial use, it was decided to encourage the use of treated waste water for irrigation.
- vi) A committee of NGOs, Environmentalists and Public Health Engineers was constituted to recommend measures for implementation under GAP Phase-II to make it more effective. The recommendations, of this committee are given serious consideration in the NRCD when formulating plans, technologies and strategies for the future.
- vii) An important achievement in 2000-2001 has been the switch over from power intensive capital intensive technologies to Eco-friendly technologies which are cheaper and easier to maintain. It has been categorically established that the waste stabilisation pond technology is the most effective technology for treatment of waste water with a view towards controlling organic loads and microbial loads.
- viii) The involvement of local bodies in the implementation of the NRCP has been made mandatory right from the planning stage before considering the proposal for sanction in the NRCD.
- ix) It is proposed to take up Kanpur in U.P, Nawadwip in West Bengal and Patna in Bihar for projecting as model towns by tackling all aspects of river action plan including non pond sources, resource recovery through plantation and better O&M of assets.
- x) A plan for the comprehensive protection of waterways in the metropolitan cities of Delhi, Mumbai, and Calcutta is being prepared in a phased manner for approval. The proposal for the protection of Cooum and Adyar rivers in Chennai has been approved by the CCEA.

#### 145. WETLAND CONSERVATION PROGRAMME

(Rs. in crores)

Name of the Activity	BE	Actual Expenditure (upto Oct. 2000)	Physical Targets	Physical Achievements

<b>WETLAND CONSERVATION PROGRAMME</b>	Rs.5.00 crores (including Rs.2.00 crores earmarked for North East region.)	2.00	*	**
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\* Physical Targets for 2000-2001

- 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.

\*\* Physical Achievements

- An expenditure of Rs.5.00 crores is likely to be incurred against allocation of the same amount. The MAPs received from State Governments in respect of Harike, Wullar, Pongdam, Deepar Beel, Renuka and Chilka have already been sanctioned with the release of financial assistance to the concerned State Governments. The MAPs in respect of Loktak, Kanjli, Ropar are under process.
- One meeting of each of National Committee and Research Sub-Committee convened.
- Four research projects recommended by the Research Committee are under process.
- India participated in the meeting of the Standing Committee of Ramsar Convention.
- Guidelines for monitoring mechanism of MAP of identified wetlands were finalised.

#### 146. ASSISTANCE FOR ABATEMENT OF POLLUTION

(Rs. in Crores)

Name of the scheme	BE	Expenditure (upto Oct, 2000)	Reasons for shortfall, if any
Assistance For Abatement of Pollution	0.25	0.25	Nil

#### 147. REIMBURSEMENT OF WATER CESS

(Rs. in Crores)

Name of the scheme	BE	Expdt. (upto Oct, 2000)	Targets and Achievements
Reimbursement of Water Cess (Non-Plan)	45.00	30.44	As this a Non-Plan Scheme, hence no physical target have been set.

#### 148. TAJ PROTECTION MISSION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt. (upto Oct,	Physical Targets	Physical Achievements	Reasons for shortfall

		<b>2000)</b>			
<b>TAJ PROTECTION MISSION</b>	50.00	20.00	Protection of the environment in and around the Taj Mahal	10 projects are under various stages of implementation	As per the UC and Plan of expenditure from UP Govt. it was possible to release only Rs. 20.00 crores till 30.10.2000.

**149. CENTRAL POLUTION CONTROL BOARD**

(Rs. in Crores)

Name of the Activity	BE		Actual Expdt.		Physical Target	Physical Achievements
	Plan	Non-Plan	(Upto 2000) Plan	Oct. Non-Plan		
<b>CENTRAL POLUTION CONTROL BOARD</b>	9.00	7.50	3.21	4.25	Control of air and water pollution in urban areas, management of municipal wastes, Bio-medical wastes, Hazardous waste management etc.	Criteria on ambient air quality network developed, guidelines for water quality monitoring developed.

**150. ENVIRONMENTAL AUDIT , CLEAN TECHNOLOGY, ENVIRONMENTAL STATISTICS AND MAPPING**

(Rs. in Crores)

Name of the activity	BE	Actual Expdt. (upto Oct, 2000)	Physical Target	Physical Achievements	Reasons for shortfall, if any
<b>Environmental Audit</b>	0.20	0.02	Preparation of Environmental Audit update, Sectoral analysis of Environmental Statements, Demonstration studies.	Training programmes in the sectors of distillery fertilizer were sponsored. A publication on Environmental Audit has been brought out. Proposals for Sectorwise training programmes and analysis of Environmental Statements are being processed.	Funds will be utilised by Jan. 2001 on receipt of Utilisation Certificates for the on-going projects.
<b>Environmental Statistics and Mapping</b>	0.10	--	Geo-chemical baseline mapping in Cauvery basin sponsored to NGRI, Hyderabad. Env. Statistics and mapping in Delhi sponsored to NISTADS.	Continuing .	Funds will be utilised by Jan., 2001 on receipt of UC .
<b>Adoption of Clean Technologies in Small Scale Industries</b>	0.10	0.04	Training & awareness programmes, waste Minimisation studies.	WM and Demons in bulk drug & chemical sector continuing. WM & Demonstration in SMEs continuing.	Funds will be utilised by Jan., 2001.

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Target/Achievements	Reasons for shortfall, if any
<b>1. Sustainable Development Strategies</b>	5.00	2.16	Completion of one Carrying Capacity Study & LCA	Setting up of ICPC not approved
<b>2. Development &amp; promotion of clean technology</b>			Setting up ICPC	

**152. BIODIVERSITY CONSERVATION**

(Rs. in crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets/Activities
<b>Bio-diversity Conservation</b>	0.75	0.1	*

1. Legislation on Biodiversity

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 presentation was made before the Committee in August 2000. The Committee is currently recording the evidences and undertaking studies to elicit the opinion. Representations received on the Bill are being examined.

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 analyzed and the note revised. The Cabinet in its meeting held on 7.11.2000, approved the proposal. Further action for signing the protocol is underway.

The Conference of the Parties to the Convention on Biological Diversity established an Intergovernmental Committee for the Cartagena Protocol on Biosafety (ICCP). India has been elected to represent Asia on the ten members Bureau of ICCP. Two meetings of the ICCP Bureau have been held so far. The first meeting of the ICCP is being held in December 2000. India's position for the meeting is being prepared through interministerial consultations.

3. National Biodiversity Strategy and Action Plan (NBSAP) project

The Executing agencies for the States, Thematic Working Groups, Eco-regions and Sub-state 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 the Strategy and Action Plan. Preparations are being made for second meeting of the Steering Committee for the NBSAP 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 has been initiated to implement decisions of the CoP.

5. 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.

6. Commissioning of studies addressing specific aspects

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

**153. ASSISTANCE TO BOTANIC GARDENS:**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements
Assistance to Botanic Gardens	1.25	0.75	Inviting proposals from Botanical Gardens for improvement of infrastructural facilities. Providing financial support to about 15 gardens. Review of achievements.	18 Botanical Gardens were provided financial support.

**154. RESEARCH AND ECOLOGICAL REGENERATION**

(Rs. in Crores)

Name of the activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements
Research & Development	3.50	2.62	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. Servicing of ongoing projects: 105. Review & monitoring of ongoing projects: due for 3 <sup>rd</sup> & 4 <sup>th</sup> quarter. Executive summaries of 37 completed projects were put on the Web site of the Ministry.

During 2000-2001, it is envisaged to initiate 30 new projects including multi-institutional coordinated projects. Against this 22 new projects have already been sanctioned. Budget Estimate of Rs.3.5 crore (includes Rs.35 Lakhs for North Eastern Region) has been earmarked for the various activities under the scheme.

155. G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT & DEVELOPMENT

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall, if any.
<b>GB Pant Institute of Himalayan Environment &amp; Development.</b>					
(a) R&D and Office Expenditure	3.70	1.65	Strengthening of on-going R&D projects in identified seven core programme. Initiation of school and dispensary at HQs. Completion of work at Kullu (HP) and Pnathang (Sikkim).	Work continued in identified core programmes; alongwith a new core programme. Construction of School & dispensary initiated by CCU through CPWD. Works at Kullu completed & buildings inaugurated in April, 99. Work at Pnathang is at completion stage.	Work area restricted, new project initiation delayed due to insufficient manpower & funds. Progress of construction works also affected due to in adequate funds.
(b) Construction of Buildings	1.80	-			

156. INTEGRATED ACTION ORIENTED R&D AND EXTENSION PROJECTS IN HIMALAYAN REGION

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct, 2000)	Physical Targets	Physical Achievements
<b>Integrated Action Oriented Eco-development</b>	0.45	0.08	Continuation of ongoing projects and sanction of new projects.	Satisfactory.

157. HAZARDOUS SUBSTANCES MANAGEMENT

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure (upto Nov.,2000)	Target/ Achievements	Reasons for short-fall, if any
<b>Hazardous Substances Management</b>	4.10	2.07	*	It is anticipated that the total budget will be utilised.

\*Target/Achievements

- Amendments to MSIC Rules, 1989 and HW (M&H) Rules, 1989 notified
- Amendments to CA(EPPR) Rule, 1987 drafted
- EFC reformulated incorporating (i) capability building on 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 – ISDPP Project completed
- 8 Hazard Analysis Studies undertaken
- Fund released for training on emergency preparedness, accident prevention and Hazardous Waste Management
- Municipal Solid Waste Rules notified, Registration of 69 Units completed and 17 units have been approved in principle. Draft feasibility report on Bichri remediation reviewed.

#### 158. CONSERVATION AND MANAGEMENT OF MANGROVES AND CORAL REEFS

The Scheme aims at conservation and management of identified mangroves. Its achievements during the year are as follows:

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (upto Oct. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall, if any
Conservation and Management of Mangroves and Coral Reefs.	5.00	4.12	24 MAPs on Mangroves and 4 MAPs on Coral Reefs	16 MAPs on Mangroves and 4 MAPs on Coral Reefs	Revalidation of grants released to the concerned States in the preceding States

#### 159. BIOSPHERE RESERVES

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Dec. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall, if any.
Biosphere Reserve.	3.50	3.00	12 MAPs on BRs and 10 research projects	11 MAPs on BRs and 4 research projects	Delay in submission of progress report by the States

#### 160 INTERNATIONAL COOPERATION

(Rs. in crores)

Name of the activity	BE	Actual Exp. (Upto 2000)	Exp. Oct.	Physical Target	Physical Achievements	Reasons for shortfall, if any.
Delhi Urban Environment Project	3.5	1.59		The consultants are undertaking the study as per schedule.	The study is being undertaken as per the agreement.	-
India Canada Environment Facility	0.03	Nil		The ongoing projects are at various stages of	No commodity Was donated by Canada during this year.	-

			implementation		
<b>IC Division Activities</b>	1.15	0.60	The existing activities will continue	India actively participated in the various international meetings relating to environment.	-
<b>UNDP-CCF Programme</b>	7.00	3.25 (as on 13/12/2000)	Implementation of approved Sub-programmes.	Being implemented as per schedule.	-

Achievements:

- 1) Nomination of officials for training abroad in the field of environment & Forests.
- 2) Implementation of the World Bank Assisted Delhi Urban Environment Project.
- 3) Follow-up, implementation, monitoring and evaluation of the approved projects under the 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) Participation in GEF Council Meeting 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 8<sup>th</sup> 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 Sweden during 28<sup>th</sup> May-2<sup>nd</sup> 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.

17) Organised Regional Workshop on GEF Awareness in Bangalore, Lucknow, Ahmedabad and Calcutta.

#### 161. TAXONOMY CAPACITY BUILDING

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements
<b>TAXONOMY CAPACITY BUILDING</b>	2.00	0.52	Organising meeting of Steering committee. Release of balance funds of first year grant sanctioned. Identification of new Centres for Research.	Meeting of Steering Committee held. Balance of first year grant being released to Centres. Two new centres identified, funds being released.

#### 162. ENVIRONMENTAL MANAGEMENT CAPACITY BUILDING TECHNICAL ASSISTANCE PROJECT

(Rs. in crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Physical Achievements	Reasons for shortfall
<b>ENVIRONMENTAL MANAGEMENT CAPACITY BUILDING TECHNICAL ASSISTANCE PROJECT</b>	32.00	4.70	*	**	***

\*

The activities mentioned under IIC2 will continue to be implemented during the entire project period for realization of objectives.

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The main features are preparation of several reports by the national and international consultants, imparting of training through various training programmes, procurement of equipment, and development of environmental plans and technologies, bringing out publications.

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The delays that have occurred during the initial two years in appointment of consultants and finalisation of Project Implementation Plans have impacted subsequent progress.

**163. INDIAN INSTITUTE OF BIO-DIVERSITY (IIB)**

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt. (Upto Oct. 2000)	Physical Targets	Achievements	Reasons for shortfall, if any
<b>INDIAN INSTITUTE OF BIO-DIVERSITY (IIB)</b>	5.00	Nil	To develop infrastructure facilities and building. To appoint Director and staff. To finalise SFC, Cabinet Note and Memorandum of Association.	Land allotted and estimates for boundary prepared. SFC approved the Scheme. Draft Memorandum of Association prepared and Cabinet approval for setting up the Institute is being obtained.	--