

CHAPTER II-C-1

REVIEW OF OVERALL PERFORMANCE DURING 1997-98

1.0. FORESTRY AND WILDLIFE

1.1. FORESTRY EDUCATION AND TRAINING

1.2. INDIRA GANDHI NATIONAL FOREST ACADEMY (IGNFA):

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical achievements
Indira Gandhi National Forest Academy	1.37	1.49	Training of IFS Probationers.	a) 39 IFS Probationers of 1996-99 underwent Professional Phase of training. b) 55 IFS probationers of 1997-2000 underwent Induction Phase of Training. c) On the Job Training of 39 IFS Probationers of 1995-98 posted in different States and UTs was monitored. d) Infrastructural facilities at the Academy like library, computers, hostels, class-room facilities, etc. were improved.

1.3. STATE FOREST SERVICE AND RANGERS TRAINING COLLEGES

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achieve - meanest.	Reasons for Shortfall, if any.
State Forest Service and Rangers Training Colleges.	0.84	0.69			
a) Training of SFS officers in 3 SFS Colleges, one each at Dehradun, Coimbatore and Burnihat.			6 courses	2 courses	Due to inadequate demand from States.
b) Training of Forest Rangers in EFRC, Kurseong.			2 courses	--	-do-
c) Refresher Courses for in-service SFS officers with 35 participants each.			10 courses	10 courses	--
d) Courses on Computer application in Forestry for in-service forest officers with 35 participants each.			6 courses	6 courses	--
e) Other Forestry related courses.			3 courses	3 courses	--

1.4. INDIAN INSTITUTE OF FOREST MANAGEMENT

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
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		Expenditure	Targets	
Indian Institute of Forest Management.	2.00	2.46		
a) Management Development Programmes/Courses and Seminars.			14 courses	15 courses
b) Post Graduate Diploma in Forest Management/MRM.			1 batch each	1 batch each

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

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
IPIRTI	1.69	0.47	*	*

*17 on-going projects and 4 projects have been completed and reports released.

1.6.0. FORESTRY RESEARCH

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

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
Indian Council of Forestry Research & Education. <u>1) Research (Plan)</u>			Forestry Research and Education.	Various Research & Educational Activities were undertaken by ICFRE through 8 institutes and 3 satellite centres spread all over the country.
a) General Component.	20.00	20.42		
b) Externally Aided Component	44.55	29.72		
2) Education and Training	1.10	1.10		
Total	61.10	51.24		

1.7. FOREST SURVEY OF INDIA (FSI), DEHRADUN

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
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FSI	1.80	1.50		
a) Forest Inventory (in sq. kms)			25,000	55,794
b) Data processing (in sq. kms.)			25,000	38,969
c) Thematic Mapping (number of sheets)			260	240
d) Vegetation Mapping (number of sheets)			182	183
e) Training (number of persons)			90	135
f) Special Study (number)			4	4

1.8. FOREST CONSERVATION

(Rs. in Crores)

Name of the Activity	BE	Actual expenditure	Physical Targets (cases)	Achievements (cases)
Strengthening of Forest Divisions.	2.45	3.31		
a) Monitoring of Forest Conservation Project/cases.			950	884
b) Monitoring of Environmental Projects/cases			400	626

1.9. ASSOCIATION OF SCHEDULED TRIBES AND RURAL POOR IN REGENERATION OF DEGRADED FORESTS.

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements.	Reasons for shortfall, if any.
Association of Scheduled Tribes and Rural Poor in Regeneration of Degraded Forests.	2.10	0.87	10,550 ha. for VIII Plan	10,570 ha. (VIII Plan – 8330 ha 1997-98 – 2240 ha.)	EFC could not be held due to late allotment of allocation for the scheme.

1.10 INTRODUCTION OF MODERN FOREST FIRE CONTROL METHODS IN INDIA

(Rs. in Crores)

Name of the Activity	B.E.	Actual Expdt.	Physical Targets	Physical Achievements
Centrally Sponsored Scheme	1.10	1.35	11 States	11 States
Central Sector	0.40	0.39		

1.10. WILDLIFE

1.10.1. CENTRAL ZOO AUTHORITY (CZA)

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical achievements
CZA	3.80	3.94	*	*

- Second round of evaluation of large, medium and small zoos was started.
- Rs.320 lakhs was released to zoos. Financial assistance has been provided to 10 zoos for upgrading of animal houses, improvement of veterinary facilities, food storage etc.
- 4 zoos have been deputed for training courses abroad.

1.10.2 NATIONAL ZOOLOGICAL PARK (NZN)

(Rs. in Crores)

Name of the Activity	B.E.	Actual Expenditure	Physical Targets	Physical Achievements
NZN	0.05	0.05	Various construction works including repair to the drainage system of beat No.13, desilting and cleaning of moat at Zebra and Ostrich enclosures etc.	Achieved.

1.10.3. WILDLIFE INSTITUTE OF INDIA (WII)

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets (No. of persons)	Physical Achievement (No. of persons)
WII	3.65	3.65		
a) M.Sc. course in Wildlife Science.			11	9
b) PG Dip. Course in Wildlife Management			30	23
c) Certificate Course in Wildlife Management			30	29
d) Field Workshop Short Courses.			140	106

1.10.4. STRENGTHENING OF WILDLIFE DIVISION AND CONSULTANCIES FOR SPECIAL TASKS:

(Rs. in Crores)

Name of the Activity	BE	Actual expdt.	Physical Targets	Physical Achievements
Strengthening of Wildlife Division.	1.12	0.95	To meet establishment expenses, office expenditure and domestic travel expenses of Central Wildlife Division and Regional Offices and to provide consultancies for special tasks as and when there is a proposal.	Achieved.

1.10.5. ANIMAL WELFARE BOARD OF INDIA (AWBI)

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets/ Achievements.
AWBI	1.60	2.25	*

- *a) Rs.35.56 lakhs was released to various Animal Welfare organisations for construction of Animal Shelters/sheds/rescue homes, etc.
- b) Rs. 34.32 lakhs was released for Anti Rabies/Animal Birth Control Programme.
- c) Rs.47.20lakhs was released for purchase of medical equipment, medicines, etc.
- d) Rs.39.53 lakhs was released for propagation of Human Education Programme.

1.10.6. NATIONAL PARKS AND SANCTUARIES

(Rs. in crores)

Name of the Activity	BE	Actual Release	Physical Targets	Physical Achievements
Development of National Parks & Sanctuaries.	11.50	11.80	To provide assistance for 250 National Parks & Sanctuaries.	Assistance was provided to State Governments/UTs for 215 national parks & Sanctuaries. Funds were provided for setting up of biographically representative network of the protected areas and for improving the management of the existing protected areas.

1.10.7. PROJECT TIGER (PT)

(Rs. in Crores)

Name of the Activity	BE	Actual expdt.	Physical Targets	Physical Achievements.
Project Tiger	8.05	8.08	To assist 23 Tiger Reserves for habitat improvement, water development work, construction of staff quarters/ buildings, construction of roads, wireless network, etc.	Assistance was given to 23 Tiger Reserves during the year for various activities as per targets.

1.10.8. ECO-DEVELOPMENT IN AND AROUND PROTECTED AREAS

(Rs. in Crores)

Name of the Activity	BE	Actual Release	Physical Targets	Physical Achievement	Reasons for shortfall, if any.
Eco-development around Protected Areas	5.95	5.00	80 National Parks and Sanctuaries and 18 Project Tiger areas to be assisted.	71 National Parks and Sanctuaries and 18 Project Tiger areas were provided financial assistance.	Less number of proposals from the State Govts received.
India: Eco-development Project (World Bank Externally)	20.00	14.35	The PPF phase was to be continued till the project was declared effective by the World	The PPF Phase continued as the project was declared effective by the World Bank from 27/12/96 but the implementation could not be	

Aided).			Bank.	started for want of approval of CCEA which was accorded on 14.10.97.	
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1.10.9 BENEFICIARY ORIENTED SCHEME FOR TRIBAL DEVELOPMENT

(Rs. in Crores)

Name of the Activity	B.E.	Actual Release	Physical Targets	Physical Achievements
Beneficiary Oriented Scheme for Tribal Development	1.10	1.10	Relocation of 110 tribal families in protected areas of West Bengal, Madhya Pradesh, Orissa and Karnataka.	Madhya Pradesh and Karnataka have utilised funds Orissa and West Bengal could not start work.

1.10.10. PROJECT ELEPHANT

(Rs. in Crores)

Name of Activity	BE	Actual Release	Physical Targets	Physical Achievement	Reasons for shortfall, if any.
Project Elephant.	4.45	4.25	To assist States having free ranging populations of wild elephants.	Achieved.	Unspent balance with State Governments.

1.11.0. NATIONAL AFFORESTATION & ECO-DEVELOPMENT

(Rs.in Crores)

S.No.	Name of Scheme	BE	Actual Expdt.	Physical targets	Physical Achievement
1.	Integrated Afforestation and Eco-Development Projects Scheme	30.00	25.07	3,358 ha.	2,243 ha.
2.	Fuelwood/Fodder Projects Scheme	40.00	29.58	77,107 ha.	72,936 ha.
3.	Non-timber Forests Produce (including Medicinal Plants) scheme	11.00	7.50	2,000 ha.	2,000 ha.
4.	Grants-in-aid scheme (for voluntary agencies)	1.55	1.41	1.55 Projects to be sanctioned	69 Projects sanctioned
5.	Seed Development Scheme	2.60	1.50	--	11 states assisted

- Tentative
- The reasons for shortfalls in the release in respect of these schemes namely IAEPS, NTFP, Seed Development are as under:

Planning Commission was considering the transfer of these schemes to the States. Retention of the schemes has been confirmed only in June/July, 1997. Adhoc release has been possible only in

AOFFP. Cabinet directions were that no expenditure was to be incurred under IAEPS and NTFP scheme until further clearance. Ministry of Finance has given this clearance only on 16.9.1997.

1.12.0. ECOLOGY AND ENVIRONMENT

1.12.1. BOTANICAL SURVEY OF INDIA (BSI), CALCUTTA

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets/ Achievements
BSI	3.65	3.48	*

* Physical Achievement during the year was as under:

- a) Exploration Surveys 42
- b) Collection of Specimens 18000
- c) Coverage of species under threat in the publication of Red-data Book - 40 species.
- e) Publications 9

1.13.1. ZOOLOGICAL SURVEY OF INDIA (ZSI), CALCUTTA

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
ZSI	2.95	3.56	Exploration and survey – 27	27 surveys
			Status survey of endangered species – 1	1 survey
			Taxonomic studies – Identification of collected material	Identification in progress.
			Publication	Vol. 96, Part I & II ready for press. Annual Report of ZSI for 1994-95 in press. State fauna of Meghalaya - Parts 6-8 in press.
			Computerisation of collected data.	400 data computerised.
			Renovation of Indian Museum, Calcutta.	Completed.
			ENVIS on Biodiversity (Fauna)	350 references entered and publication of a special volume on Biodiversity is in progress.

1.14.0. 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	3.50	3.37		
i) National Environment Awareness Campaign (NEAC)			Different activities under the campaign to be completed	The campaign was completed in time.

i) Establishment of Eco-clubs			1000	875- Suitable proposals were not received.
2. Seminar/Symposia/ Workshops	0.30	0.29	65	91
3. Centres of Excellence				
i) CEE, Ahmedabad	1.25	1.52	Though no quantitative targets were fixed, the milestones set by their respective Board of Governors/Governing Council were achieved as scheduled.	Though no quantitative targets were fixed, the milestones set by their respective Board of Governors/Governing Council were achieved as scheduled.
ii) CPREEC, Chennai	0.60	0.65		

1.15.0. POLICY AND LAW

1.15.1. ENVIRONMENTAL POLICY & LAW

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target	Physical Achievements
1. Environment Policy & Law	0.15	0.08		
Activity:				
a) Eco-mark scheme			- Development of criteria - Publicity to Eco-mark - Assistance to Comparative Testing Programme	Project sanctioned to Material Management Institute.
b) Comprehensive National Environment Policy			- Publication of National Environment Policy document.	Process continue
c) Trade & Environment			- Organisation of Seminars - To prepare position paper	
d) Environment Policy & Legislation			- Publication of notification - Holding of Seminar - Amendment to Water Cess Act.	3 notification published
2. National Environment Tribunal	1.00	-	- Setting up of Benches of the Tribunal	Act could not put into operation

1.15.2. WORLD BANK AIDED INDUSTRIAL POLLUTION CONTROL PROJECTS

(Rs. in Crores)

	B.E.	Actual	Reasons for shortfall, if any
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Name of the activity		Expdt.	
1. World Bank Aided Industrial Pollution Control Projects			
a) Industrial Pollution Control Project (Phase-I)	}	}	Evaluation of tenders had to be made as per the technical specification. This need to be had the approval of the World Bank. Meetings were held with the CPCB and NTPC to expedite procurement procedures. This is an only major component remains to be completed.
	}	}	
	}	}	
	}	}	
	}33.00	}31.44	
	}	}	
	}	}	
b) Industrial Pollution Prevention Project.	}	}	
	}	}	
	}	}	
2. World Bank aided Hazardous substance Management Project			Delay in short listing of consultants.
a) Industrial Safety Disaster Prevention Project.	}	}	
	}	}	
	}20.00	}1.44	
b) Hazardous Waste Management Project.	}	}	
	}	}	

Physical Target:

1. World Bank aided Industrial Pollution Control Project

a) Industrial Pollution Control Project (Phase-I)

- Procurement of equipment for State Boards of UP, Tamil Nadu, Gujarat & Maharashtra.
- Training to the personnel of all the Pollution Control Boards.
- Sanctioning of Demonstration.
- Establishment of Common Effluent Treatment Plant (CETP).

b) Industrial Pollution Prevention Project

- Signing of agreement with procurement consultant.
- Making packages for procurement of equipment.
- Calling tenders for procurement of equipment.
- Calling tenders for procurement of software for GIS.
- Constitution of waste minimization circles under WMC project.

3. World Bank aided Hazardous substance management Project.

a) Industrial Prevention Project

Award of ToRs. 1A, 1B, 2,3,4,5,6,7 & 8. Release of 1st installment.

Physical Achievements:

1. World Bank aided Industrial Pollution Control Project

a) Industrial Pollution Control Project (Phase-I)

- Equipment under IFB-I(A) & (B) have been procured and sent to the identified laboratories. Orders for some equipment under IFB-II have been placed by NTPC. Others equipment are at various stages of procurement.
- 18 Training programmes have been sanctioned.
- Balance funds have been released.
- 83 CETPs have sanctioned so far by MoEF and subsequent installment of funds have been released.

b) Industrial Pollution Prevention Project

- Agreement finalised and signed.
- 10 packages have been made for procurement of equipment.
- One tender has been called.
- Tenders have been called by GPCB called by GPCB for procurement of software for GIS.
- NPC has been made as implementation agencies for WMC project. WMC circles have been formed.

2. World Bank aided Hazardous substance management Project.

a) Industrial Prevention Project

ToRs 1A, 1B, 2,3,5 & 6 were awarded.

1.16. CLEAN TECHNOLOGY

(Rs. in Crores)

Name of the activity	BE	Actual Expdt	Physical Target	Physical Achievements	Reasons for shortfall, if any
1. Environmental Impact Assessment	4.49	2.26	Completion of two Carrying Capacity Studies	Two studies completed	
2. Development and promotion of clean technology	0.10	--	Setting up ICPC	--	Govt's approval awaited for establishing the ICPC.

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

(Rs. in Crores)

Name of the activity	BE	Actual Expdt.	Physical Target /Physical achievements
Environmental Audit	0.10	0.10	Training and awareness programmes have been conducted through industry associations. Sector-specific environmental audit manuals in selected sectors have been prepared in respect of sugar and lube-oil re-refining industry. For tannery sector, the work on preparation of manuals is in progress at CLRI. There is no shortfall during the last financial year 1997-98.
Environmental	0.10	0.10	

Statistics and Mapping			Preparation of Environmental Atlas for Metro cities. A project on preparatory Environmental Atlas for metro cities and other major cities in the working depicting the pollution data relating to air, water soil @ none pollution along with their trend analysis has been sponsored to CPCB.
Adoption of Clean Technologies in Small Scale Industries	0.10	0.05	Training and awareness programmes. Waste minimisation and demonstration studies in selected sectors. Training and awareness programmes and short duration educational workshops for small scale industry sector and for entrepreneurs in selected small scale industries were organised through Development Commissioners Small Scale Industries. Studies on waste minimisation s and demonstration in Bulk drug industry, textile processing units are tannery units have been sponsored.

1.18. ENVIRONMENTAL IMPACT ASSESSMENT

(Rs. in Crores)

Name of the Scheme	BE	Actual Expdt.	Physical Target	Physical Achievements	Reasons for shortfall, if any
Environment Impact Assessment (including Clean Technologies & various Authorities)	4.59	4.15	Completion of 2 carrying capacity studies	2 Carrying studies will be completed in the current year.	--

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

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets/Achievements	Reasons for shortfall, if any.
NMNH	2.55	1.69	*	Due to non-creation of posts and lack of staff strength at Regional Museums.

* Collection of specimens for RMNH and NMNH was partially achieved.

Regional Museum of Natural History at Bhopal was completed and inaugurated for the public on 29th Sept.,1997. A large number of temporary exhibitions were organised for promoting environmental awareness throughout the country. Assistance was given to various organisations in the development of Natural History Sections in Indian Museums so that they can play a more effective role in promoting environmental awareness. Computer facility of the museum was expanded and enriched with new interactive educational software packages and desktop publishing facility. Site office opened for Regional Museum of Natural History, Bhubaneswar.

1.20. 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	1.65	1.65	16	10	6	-
Ecology & Wild Life	3.70	4.09	47	8	28	10
Environment Education/Training/Extenuation	1.15	0.67	5	1	4	-
Civil Works	1.30	1.39	-	-	-	-
Grand Total	7.80	7.80	68	19	39	10

1.21. ENVIRONMENTAL INFORMATION SYSTEM(ENVIS)

(Rs. in Crores)

Name of the scheme	BE		Actual Expdt.		Target/ achievements
	Plan	Non Plan	Plan	Non Plan	
ENVIS	1.15	0.28	1.53	0.28	*

- Physical targets and achievements
 - A new ENVIS Centre on 'Panchayati Raj and Environment' was set up.
 - Hardware and other facilities were provided to various ENVIS Centres in order to set up the E-mail address for electronic communication among the centres and the Focal Point.
 - Home-page of the Ministry as well as ENVIS have been created in the Internet website.
 - Annual Report of the Ministry has been published.
 - A total number of 10302 queries were responded to by ENVIS Focal Point to its concerned users.

1.22. CENTRES OF EXCELLENCE

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target and Achievements
CENTRES OF EXCELLENCE	4.20	3.75	Training programmes and exhibitions to commemorate the 50 th Anniversary of India's Independence were organised by CEE, Ahmedabad and CPREEC, Chennai. M. Tech programmes one Environmental Science and Engineering was organised by CME, Dhanbad and 9 new R&D projects in the field of Western Ghats ecology have been taken up by CES, Bangalore. Construction of Office Building of SACON completed and Research and Development projects have been taken up.

1.23. NATIONAL NATURAL RESOURCES OF MANAGEMENT SYSTEMS (NNRMS)

(Rs. Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target and Achievements
NNRMS	1.00	0.40	A few new thrust areas have been covered and two new projects were sanctioned under the scheme. Besides, monitoring of the ongoing projects was also taken up during the year. The Bio-resource Committee meeting was also held to recommend the

			new projects during 1997-98.
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Reasons for short-fall:

Expenditure was less in the financial year 97-98 because of the facts that worth supporting proposals were not received during the particular year.

1.24. PARYAVARAN VAHINI:

(Rs. in Crores)

Name of the Scheme	BE	Actual Expdt.	Target and achievements
Paryavaran Vahini	0.50	0.29	A few new districts already identified were taken up for setting up the Vahinis.

Reasons for short-fall:

Financial assistance to the existing Vahinis could not be released due to non-submission of the financial documents by the concerned State Governments.

1.25 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	0.08	About five Professional institutions were supported and financial assistance provided under the scheme.

Reasons for short-fall:

Worth supporting proposals were not received during the year.

1.26. NATIONAL RIVER CONSERVATION DIRECTORATE

(Rs. in Crores)

Name of activity	BE	Actual Expend.	Physical Target	Physical Achievement	Reasons for shortfall, if any

1. GAP I (GANGA ACTION PLAN - PHASE-I)	9.00	6.40 (including establishment)	Completion of remaining 7 schemes		The shortfall in expenditure in 1998-99 was mainly on account of slow progress made in the implementation of the River Action Plans owing to reluctance of the State Governments to provide their matching share of funds. The issue has been resolved, after the decision of the CCEA to permit 100% funding by the Government of India.
2. GAP II (GANGA ACTION PLAN - PHASE-II)	86.00	82.30	Schemes in progress	32 Scheme completed	
a. YAP b. GoAP c. DAP d. GAP II MS e. GAP II SC f. CETP				18 schemes completed	
3. NRAP	14.00	10.74			
Total	109.00	99.44		50 Schemes	

GAP(Ganga Action Plan), YAP (Yamuna Action Plan), GoAP (Gomati Action Plan), MS (Main Stem), SC (Supreme Court) & CETP (Common Effluent Treatment Plant).

1.27. ASSISTANCE FOR ABATEMENT OF POLLUTION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Physical Target and Achievements
Assistance For Abatement Of Pollution	1.00	1.00	As targeted

1.28. REIMBURSEMENT OF WATER CESS

(Rs. in crores)

Name of the scheme	BE	Actual Expdt.	Reasons for shortfall, if any
Reimbursement Of Water Cess (Non-Plan)	50.00	36.88	Shortfall is due to less collection and deposit of Water Cess by the SPCBs and UP PCCs during that period.

1.29. TAJ PROTECTION MISSION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Remarks
Taj Protection Mission	50.00	--	The planning commission allocated an amount of Rs.50 crores in the BE 1997-98 but expenses could not be made pending EFC approval and CCEA approval.

1.30. CENTRAL POLLUTION CONTROL BOARD

(Rs. in Crores)

Name of the scheme	BE		Actual Expdt.		Physical Target and Achievements
	Plan	Non-Plan	Plan	Non-Plan	
CENTRAL POLLUTION CONTROL BOARD	4.86	4.88	3.44	6.50	*

- Achievements and activities:
 - CPCB continued pollution assessment and monitoring works in different areas like industries, rivers, ground and coastal water qualities, waste water generation, treatment and disposal, vehicular and noise pollution and has either compile or is in the process of compiling reports related to various aspects of pollution.
 - Out of 1551, large and medium industries identified under the 17 categories of highly polluted industries, 125 have been closed, 1261 have provided the requisite pollution control facilities and remaining 165 are defaulting.
 - Four Regional Expert Committees for monitoring the compliance of the directions, etc., have been set-up. The CPCB has also set-up a number of task forces/committees to assess and monitor various spheres of pollution.
 - Other important activities.
 - The Pilot studies on preparation of Zoning Atlas extended to 36 more districts from 19 districts in 1995.
 - During 1997-98, 11 States were covered under mapping of Environmentally Sensitive Zones and Industrial Sites. This activity aims at presenting the information on environmentally sensitive Zones in the form of maps.
 - Eco-mark.
 - Organising training and Mass Awareness Programmes.
 - Compliance of various Court Orders and directions given to the CPCB from time to time.

1.31. ASSISTANCE TO BOTANIC GARDENS

(Rs. in Crores)

Name of the Activity	BE	Actual Expenditure	Physical Targets	Physical Achievements
Assistance to Botanic Gardens.	0.52	0.53	Inviting proposals from existing botanic gardens and providing financial assistance to existing gardens for infrastructural improvement.	18 botanic gardens were provided financial support.

1.32. RESEARCH AND ECOLOGICAL REGENERATION(R&D)

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.
RESEARCH & DEVELOPMENT	3.85	3.57

Targets and Achievements:

Over 180 ongoing research projects were supported. The previous awardees under Pitamber Pant & B.P. Pal National Fellowship continued their work. The applications for 1997 Awards were invited and scrutinized. The 1997 Pitamber Pant National Fellowship Award was given to Prof. (Mrs.) Archana Sharma, Department of Botany, University of Calcutta, Calcutta and the 1997 B.P. Pal National Environment Fellowship Award for Biodiversity was given to Dr. S. John Joseph, M.S. Swaminathan Research Foundation, Chennai. The calling for nominations for both the Awards for the year 1998 was initiated.

1.33. HIMALAYAN INSTITUTE OF ENVIRONMENT AND DEVELOPMENT

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical achievements.
G.B. Pant Institute	4.78	5.82	6 Research and Development Projects under different core areas to be carried out, and initiation of a new major core programme. Building at Katarmal (Phase I), Kullu and Panthang to be completed.	Library & Information Centre completed at Headquarters. School & Dispensary Building could not be initiated. Works at Kullu completed upto 80% and works at Panthang initiated.

1.34. INTEGRATED ACTION ORIENTED RESEARCH AND DEVELOPMENT IN HIMALAYAN REGION

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements
Research & Development Projects.	0.40	0.42	a) Release of funds for ongoing and new projects.	Achieved.

1.35. BIODIVERSITY CONSERVATION

A draft National Action Plan on Bio-diversity has been prepared. This plan aims at consolidating the on-going efforts of conservation and sustainable use of biological diversity and establishing a policy and programme regime for this purpose. This draft National Action Plan has been discussed in a National Meeting in which about 80 participants representing officers of various Ministries/Departments of the Central

Government, officers of the State Governments, experts and NGOs participated. The draft National Action Plan is being given a final shape.

(Rs. in Crores)

Name of the activity	B.E.	Actual Expdt.	Physical Targets	Physical Achievements
Bio-diversity Conservation	0.25	0.25	Setting up an Expert Committee to suggest suitable draft bio-diversity legislation. -National Workshop for building capacity in taxonomy. Participation in the international meetings related to bio-diversity.	Achieved.

1.36. HAZARDOUS SUBSTANCES MANAGEMENT(HSM)

(Rs. in Crores)

Name of the scheme	BE	Actual Expd.	Target/Achievements	Reasons for Shortfall, if any
Hazardous Substances Management	13.3	2.86	*	WB Project on setting up of Treatment, Storage and Disposal Facilities was delayed

*Physical Target and Achievements

1. The Red Book for Crisis Management was updated till November 1997 and is in press. The Red Book was revised keeping in view the Chemicals accidents (Emergency Planning, Preparedness and Response) Rules gazetted in 1996 dealing with setting up of 4 tier Crisis Management System in the Country.
2. 8 new industrial pockets have been identified for conduct of industrial pocketwise hazard analysis.
3. Expert Core Group constituted for approval of hazard analysis reports considered 16 reports in its 4th Meeting. So far, the Core Group has reviewed 31 reports. Off site plans for Salem has been received and the following are under preparation: Vapi, Ankleshwar, Alwar, Lote-Parshuram, Delhi and Manali.
4. The first meeting of the Central Crisis Management Group was held and the Chief Secretaries of States have been reminded to constitute State, District and Local level crisis groups.
5. Notification banning imports of cyanide wastes, arsenic and mercury containing wastes has been gazetted on 26th December 1996. A draft notification banning imports of wastes containing the following as constituents or the wastes bearing the following as contaminants like Beryllium, Selenium, Chormium (Hexavalent), Thallium, pesticides, herbicides and insecticides and their intermediates/residues thereof including outdated pesticides was issued on 16th January 1996 and on 15th April 1997 final notification confirming ban of the above wastes for imports was issued.
6. Notification banning open burning of waste oil was confirmed on 15th April 1997.
7. The high level Committee constituted under the chairmanship of Dr. R.A Mashelkar, DG, CSIR for characterisation and identification of hazardous wastes held many meetings and finalised import ban for hazardous wastes.
8. Six institutions have been funded for conduct of training courses on chemical accident prevention namely Disaster Management Institute, Bhopal, HRD Foundation, New Delhi, Administrative Staff College of India, Hyderabad, National Safety Council – UP Chapter, Federation of Indian Chamber of Commerce and Industry (FICCI) and National Safety Council, Mumbai.
9. The National Plastic Waste Management Task Force has submitted its report in August 1997 and has been given a series of recommendations for plastic waste management. One of the recommendations is to constitute Implementation Monitoring Committee (IMC) to oversee the follow-up of the recommendations of the Task Force. The IMC has been constituted and has held the first meeting.
10. The pilot plant for using mass scales fly ash as mine fill was sanctioned to CMRI, Dhanbad. The ash filling in the mine has been started from November, 1996. The Institute is developing methodology for drainage of water from underground ash pack and attempts have been made to

experiment with barricading material, double layer bamboo matting, single layer hessian cloth and also by a combination of bamboo matting and hessian cloth.

11. The Central Road Research Institute in collaboration with MCD is constructing a test section at Garhi Randhala – Ladpur Road by using processed Municipal Waste. The construction of three test specifications in sub-base layer of road payment of processed municipal waste, soil, cement mixture and of processed municipal waste, fly ash, lime mixture have already been completed alongwith conventional test specifications. An Interim report has been submitted by the Institute.
12. A Project for setting up of Pilot Plant and Development Facility for Manufacturing R-Wood Products from Industrial Wastes (Fly Ash and Red Mud) by Regional Research Laboratory, Bhopal.
13. In pursuance of the orders of Hon'ble Supreme Court, a High Powered Committee on Hazardous Wastes has been constituted under the chairmanship of Prof. M.G.K. Nebim Former Union Minister, Science and Technology to oversee the strict implementation of relevant rules and regulations on management of hazardous wastes.
14. Two meetings of GEAC were held to discuss proposals based on recombinant technology.

1.37. BIOSPHERE RESERVES

(Rs. in Crores)

Name of the Activity	BE	Actual Expdt.	Physical Targets	Physical Achievements	Reasons for shortfall, if any.
Biosphere Reserves.	2.62	2.57	a) Approval of Management Action Plan in respect of 8 Biosphere Reserves b) Meeting of National Committee and Scientific Advisory Committee c) Evaluation of MAP and Research Activities.	Achieved	--

1.38. INTERNATIONAL COOPERATION

(Rs. in Crores)

Name of the scheme	BE	Actual Expdt.	Reasons for shortfall, if any
Environmental Management Capacity Building Technical Assistance Projects	26.00	9.11	
India Canada Environmental Facilities	15.00	16.2	
Delhi, Surat Urban Environmental Project	2.00	--	Due to revision of ToRs funds could not be spent.
International Cooperation activities	1.00	0.96	

Physical Target and Achievements

a)Global Environment Facility (GEF): Seven projects for GEF funding were approved for India. Some projects were formulated and considered for possible GEF assistance. Representatives of the Ministry participated in the 9th , 10th and 11th GEF Meetings held in April, 1997, November, 1997 and March, 1998 respectively. Preparatory actions for hosting the first Assembly of GEF in New Delhi (April 1-3, 1998)

were taken during the year. This included publishing two books namely “India – Sustaining Development” and “GEF Projects in India”.

(b) Commission on Sustainable Development (CSD): Officials from MoEF participated in the 5th Session of the Commission on Sustainable Development held in New York from 7-25 April, 1997 which discussed the issues relating to follow up of UNCED decisions, the role of CSD in future and the Special Session of the United Nations General Assembly.

(c) UN General Assembly Special Session: Minister for Environment & Forests led the Indian delegation to the United Nations General Assembly’s Special Session held in June, 1997 in New York. The objective of the Special Session was to review and appraise implementation of the Agenda 21 adopted by the UN Conference on Environment & Development (UNCED) in Rio de Janeiro in June, 1992.

(d) United Nations Environment Programme (UNEP): India participated in the High Committee of Ministers and Officers Meeting of UNEP in New York in June, 1997.

(e) ESCAP: India participated in various meetings organised by ESCAP relating to Environment.

(f) Bilateral Initiative: Minister for Environment & Forests led a delegation to Austria in July, 1997 to discuss bilateral matters in the field of environment and also the first working group meeting on Environment was held during this period under the aegis the MoU signed between India and Austria in the field of environment.

(g) India Environment Management Capacity Building Project: Cabinet approved the implementation of this Project with a total outlay of US\$61.48 million with IDA Credit of US\$50 million. This project has sub-components on environmental economics, environmental indicators, research, environmental education, zoning atlas, standards, air quality monitoring, mining and Gujarat-specific components. Implementation of these sub-components commenced during the year.

(h) World Bank assisted Delhi-Surat Urban Environment Management project: The Japanese Government has undertaken to provide an outright grant of 109,200,000 Yen for carrying out a study in respect of the two cities for preparing an action plan for re-engineering the institutional structures governing urban environment management and identifying cost of effective technology options to improve the environment. The TORs initially formulated were revised following the discussions with the State Government of NCT of Delhi, World Bank and Ministry of Environment & Forests. It has been agreed that the project will only concentrate on Delhi with World Bank of US\$9,00,000.

(i) India-Canada Environment Facility (ICEF): India-Canada Environment Facility was set up on the basis of Memorandum of understanding signed between the Government of India and Canada. ICEF has approved eight projects for funding.

(j) UNDP-CCF: Ministry of Environment & Forests has signed the Programme Support Document under the Country Cooperation Framework-I with the UNDP which provides a comprehensive focus on UNDP assistance to environment related project areas identified in the document. The Framework with an outlay of US \$9.00 million would be valid upto the year 2001.

(k) International Training/Seminars/Workshops: Officials from the Ministry of Environment & Forests, State Environment and Forests Departments, Central and State Pollution Control Boards, NGOs and the autonomous bodies/institutions of Central and State Governments were nominated for the international Training/Seminars/Workshops, etc.

(l) SAARC: India hosted the SAARC Environment Ministers Meeting from 2-3 April, 1997 in New Delhi to arrive at a common SAARC position before the UNGA’s Special Session on the Agenda 21. India also attended the SAARC Environment Ministers Meeting held at Male in October, 1997.