

# ENVIRONMENT & FORESTS

ANNUAL ACTION PLAN

2013-14



GOVERNMENT OF INDIA  
PLANNING COMMISSION  
ENVIRONMENT & FORESTS DIVISION

## Preface

Twelfth Five Year Plan has set its core and sector specific objectives to be achieved during the plan period. Government of India has also restructured the Centrally Sponsored Schemes to enhance synergy in implementation between different intra and inter-sectoral schemes while avoiding thin spread of resources over its different key components.

The Planning Commission in coordination with the Ministry of Environment and Forests has taken the initiative to bring out a booklet on Annual Action Plan of Environment and Forests Sector. The booklet presents factual/graphical projection indicating the annual targets, key objectives and outcomes of the Environment and Forests sector in a very neat and crisp format for the financial year 2013-14.

It presents the key activities to be undertaken by Ministry of Environment and Forests which are concomitant with the Twelfth Plan Monitorable targets. It also includes the scheme specific monthly and quarterly financial allocation for 2013-14.

The Booklet of Annual Action Plan is designed to serve as a quick tool for Monitoring and Evaluation of Plan schemes of Ministry of Environment and Forests with respect to 13 monitorable targets of Twelfth Five Year Plan, which includes schemes, activities and actions. This will act as a tool for constant monitoring, feedback and corrective actions. It will act as a constant reminder to articulate our actions at different points of time of the year and prompt us on the tasks to be completed while remaining focused on achieving the plan targets.

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*Planning Commission*

NEW DELHI

DATE: 14.03.2014



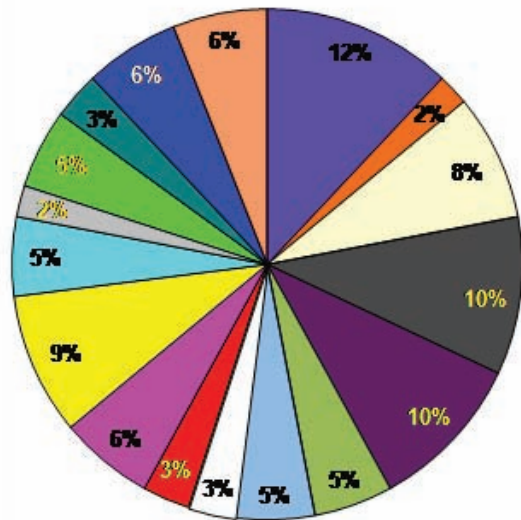
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## List of Abbreviations

B.E.	Budget Estimates
CS	Central Schemes
CSS	Centrally Sponsored Schemes
EAP	Externally Aided Project
ENVIS	Environmental Information System
MEP	Monthly Expenditure Plan
MoEF	Ministry of Environment and Forests
NAAQS	National Ambient Air Quality Standards
NAPCC	National Action Plan for Climate Change
Q.E.A.	Quarterly Expenditure Allocation
RFD	Results Framework Document
SAPCC	State Action Plan for Climate Change
UNFCCC	United Nations Framework Convention on Climate Change

## Objectives and Weightage

- Afforestation and Regeneration of Degraded Forests
- Green India Mission
- Protection of Forests
- Conservation of Rivers and Lakes
- In-situ and ex-situ conservation of fauna
- Ex-situ Conservation of Rare, Endangered, Threatened Species
- Increasing Awareness about Environmental Issues
- Survey, Identification and Documentation of Wild Plant Diversity
- Survey Identification and Documentation of Wild Faunal Diversity
- Better Ambient Water and air Quality
- To Improve Management of Hazardous Substances
- Better Environmental Governance
- Coordinate Implementation NAPCC & SAPCC
- Research in Environment
- Efficient Functioning of RFDS
- Improving Internal Efficiency & Service Delivery
- Administrative Reforms



## Annual Action Plan - An Overview

### Objectives, Actions and Success Indicators

<i>Objectives</i>	<i>Actions</i>	<i>Success Indicators</i>
17	38	49

## Annual Action Plan - An Overview

		<b>SCHEMES</b>	<b>ACTIVITIES</b>	<b>TARGETS</b>
<b>TOTAL</b>	<i>Environment and Forests</i>	<b>18</b>	<b>114</b>	<b>217</b>
<b>CSS Vs. CS</b>	<i>Centrally Sponsored Schemes</i>	<b>5</b>	<b>22</b>	<b>28</b>
	<i>Central Sector Schemes</i>	<b>13</b>	<b>92</b>	<b>189</b>
<b>ENV. Vs. FORESTS</b>	<i>Environment</i>	<b>9</b>	<b>62</b>	<b>95</b>
	<i>Forests</i>	<b>9</b>	<b>52</b>	<b>122</b>



## MONITORABLE TARGETS FOR THE TWELFTH FIVE YEAR PLAN

1	Assess and remediate 12 identified contaminated sites (hazardous chemicals and wastes) with potential for ground water contamination by 2017.
2	Clean 80 per cent of critically polluted stretches in rivers by 2017 and 100 per cent by 2020.
3	States to meet NAAQS in urban areas by 2017.
4	To reduce emission intensity of our GDP in line with the target of 20 to 25 per cent reduction over 2005 levels by 2020.
5	Greening 5 million ha under Green India Mission including 1.5 million ha of degraded lands, afforestation and ecorestoration of 0.9 million ha of ecologically sensitive areas.
6	Technology-based monitoring of forest cover, biodiversity and growing stock including change-monitoring on periodical basis through dedicated satellite by 2017 and establishment of open web-based National Forestry and Environmental Information system for research and public accessibility by 2015.
7	Engagement of Village Green Guards/Community Foresters for every Joint Forest Management (JFM) village by 2016.
8	Establish forestry seed bank in forest circles and Model Nursery in every district with information on public portal by 2014.
9	Twenty per cent of veterinary professionals in the country will be trained in treating wildlife.
10	Integrated Ecotourism District Plans covering 10 per cent of all potential Protected Areas (PAs) by 2017.
11	Promoting participation of private sector, civil societies, NGOs and philanthropists in animal welfare.
12	Restore 0.1 million ha of wetlands/inland lakes/water bodies by 2017.
13	Mapping and preparation of biodiversity management plans for deserts (both cold and arid), coastal areas, important coral zones, wetlands, mangroves and so on to be completed by 2017.

## Appraisal Status of Schemes

Sl. No.	Name of the scheme	XII Plan Outlay (₹ crore)	Nature of Scheme	Status of Schemes
<b>Environment</b>				
<b>1 Environmental Monitoring and Governance</b>				
1	Central Pollution Control Board (CPCB)	510.00	CS	
2	Establishment of Environment Protection Authorities/ Commissions/Tribunals	380.00		IFD has asked the CP Division to modify EFC Memo
3	Activities under Environmental Impact Assessment (EIA)	100.00		EFC Memo submitted to IFD on 20.03.2013; IFD observations to be incorporated by P&L Division
		30.00		SFC Memo submitted to IFD; IFD observations to be incorporated by A Division
<b>2 Pollution Abatement</b>				
1	Development/ promotion of clean technology and waste minimization strategies	401.00	CS	
		55.00		Independent Evaluation done, EFC appraised (2012-13); Scheme approved (2012-13)
2	Assistance for Abatement of Pollution Environment P&L	60.00		SFC appraised (2012-13); Scheme approved (2012-13)
3	Common Effluent Treatment Plant (CEIP)	100.00		EFC appraised (2012-13); Scheme approved (2012-13)
4	Hazardous Substances Management Scheme (HSMS)	186.00		Approved for 5 years by CCEA on 19.03.2010
<b>3 Research &amp; Development for Conservation &amp; Development</b>				
1	Botanical Survey of India (BSI)	1,045.00	CS	
		220.00		EFC appraised (2012-13); Scheme approved (2012-13)
2	Zoological Survey of India (ZSI)	240.00		EFC appraised (2012-13); Scheme approved (2012-13)
3	GRPHED	100.00		EFC Memo submitted to IFD; IFD observations to be incorporated by Division
4	Assistance to Botanical Gardens	20.00		SFC Memo appraised and approved
5	Taxonomy Capacity Building	15.00		SFC Memo appraised and approved
6	Bio-diversity Conservation	350.00		
7	National Natural Resource Management Scheme (NNRMS)	25.00		SFC Memo appraised and approved
8	Research & Development	75.00		SFC Memo appraised and approved
<b>4 Conservation of Natural Resources and Ecosystems</b>				
1	Conservation of corals and mangroves	700.00	CS	
		50.00		SFC held on 26.03.2013
2	Biosphere Reserves	75.00		SFC held on 30.04.2013. Minutes under submission for consideration and approval of Secretary (E&F)
3	Bio-diversity Conservation and Rural Livelihood Improvement	50.00		EFC stands approved on 22.12.2011
4	National Plan for Conservation of Aquatic Eco-Systems (NPCA)	525.00		New Scheme approved by CCEA in February, 2013
5	Environmental Management in Heritage, Pilgrimage and Tourist Centres, including Taj Protection	—		Scheme put on hold during XI Plan to enable its independent evaluation, and suitable activation in XII Plan.

Appraisal Status of Schemes

Sr. No.	Name of the scheme	XII Plan Outlay (₹ crore)	Nature of Scheme	Status of Schemes
<b>5</b>	<b>Environment Information, Education &amp; Awareness</b>	<b>759.20</b>	<b>CS</b>	
1	Environment Education and Awareness	428.20		
2	NMNH	100.00		EFC approved, continuation in XII Plan
3	Centres of Excellence	110.00		
4	ENVIS	70.00		SFC held on 25.03.2013 and 09.05.2013. Minutes approved. IFD concurrence for Scheme obtained. File under submission for approval of MEF.
5	Information Technology	51.00		The draft SFC document is submitted to IFD
<b>6</b>	<b>Climate Change Action Programme</b>	<b>300.00</b>	<b>cs</b>	Scheme appraised during 2012-13 (XII Plan)
<b>7</b>	<b>International Co-operation (IC) Activities</b>	<b>111.80</b>	<b>CS</b>	
1	IC Activities	50.00		Clarification sought from PC Division before third party evaluation is carried
2	GOI-UNDP-CCF	5.80		
3	Desertification Cell	10.00		
4	Office Building (CCU)	46.00		
<b>8</b>	<b>National Coastal Management Programme</b>	<b>500.00</b>	<b>CS</b>	
<b>9</b>	<b>National River Conservation Plan (NRCP)</b>	<b>3,748.00</b>	<b>CSS</b>	
1	NRCD	48.00		Not required. This involves administrative/ establishment expenditure
2	NRCP	1,500.00		EFC is scheduled to be held on 10.06.2013
3	NGRBA	2,200.00		Approved by CCEA in 2011. Target completion date is 2020
	<b>Total Environment &amp; Ecology</b>	<b>8,075.00</b>		
	<b>Forestry and Wildlife</b>			
<b>10</b>	<b>Grants-in-aid to Forests &amp; Wildlife institutions</b>	<b>1,046.00</b>	<b>CS</b>	
1	ICFRE	805.00		Appraisal is not required
2	IPRTI	46.00		Appraisal is not required
3	IIFM	75.00		Appraisal is not required
4	WII	120.00		Appraisal is not required

## Appraisal Status of Schemes

Sr. No.	Name of the scheme	XII Plan Outlay (₹ crore)	Nature of Scheme	Status of Schemes
<b>11</b>	<b>Capacity Building in Forestry Sector</b>	<b>396.80</b>	<b>CS</b>	
1	Training to IFs officers	17.50		Appraisal is not required
2	Directorate of Forestry Education (DFE)	38.30		Appraisal is not required
3	Indira Gandhi National Forest Academy (IGNFA)	146.00		Appraisal is not required
4	Training of Personnel of other services	10.00		Appraisal is not required
5	Foreign Training of Forestry Personnel	30.00		Appraisal is not required
6	Training of other Stakeholders	5.00		Appraisal is not required
7	Capacity Building for Forest Management/ Training of Personnel	150.00		Appraisal is not required
<b>12</b>	<b>Afforestation and Forest Management</b>	<b>5,100.00</b>	<b>CSS</b>	
1	National Afforestation Programme (NAP)	2,500.00		Not required. Approved by CCEA in 2009
2	Green India Mission (GIM)	2,000.00		EFC circulated for obtaining comments of all concerned & comments received from few Depts.
3	Intensification of Forest Management Scheme (IFMS)	600.00		Third Party Evaluation is under way
<b>13</b>	<b>Strengthening Forestry Divisions</b>	<b>241.00</b>	<b>CS</b>	
1	Forest Survey of India (FSI)	50.00		EFC is approved by Secretary (E&F). M/o Finance has in principle approved the scheme
2	Strengthening of Regional Offices (ROs)	150.00		EFC done on 04.03.2013 & accepted by M/o Finance
3	National Forestry Information System (NFIS)	15.00		EFC is approved by Secretary (E&F).
4	National coordinated programme for Non-Timber Forest Product Resources	8.00		M/o Finance has in principle approved the scheme SFC is approved by Secretary (E&F)
5	Certification Programme for wood & non-wood forest resources	18.00		SFC is approved by Secretary (E&F)
<b>14</b>	<b>Strengthening of Wildlife Division</b>	<b>290.00</b>	<b>CS</b>	
1	Control of wildlife crime	70.00		Under process. IFD has sent its observations
2	Central Zoo Authority [incl. National Zoological Park (NZP)]	220.00		
<b>15</b>	<b>Wild Life Management</b>	<b>1,000.00</b>	<b>CSS</b>	
1	Integrated Development of Wild Life Habitats	800.00		Not required. Approved by CCEA on 02.12.2008. Continuation of scheme during XII Plan approved by Secretary (E&F)
2	Project Elephant	200.00		EFC Note sent to IFD for concurrence
<b>16</b>	<b>Project Tiger</b>	<b>1,245.00</b>	<b>CSS</b>	<b>Not required</b>
<b>17</b>	<b>National Afforestation &amp; Eco-Development Board (NAEB)</b>	<b>280.00</b>	<b>CS</b>	
1	NAEB	135.00		EFC memo approved
2	Eco task force	145.00		Scheme appraised during XI Plan
<b>Animal Welfare</b>		<b>200.20</b>	<b>CS</b>	
<b>Total Forestry &amp; Wildlife</b>		<b>9,799.00</b>		
<b>Grand Total Environment, Forests &amp; Wildlife</b>		<b>17,874.00</b>		

1

## Scheme: Environmental Monitoring & Governance

### Key Components / Activities

- *Providing Grant-in-Aid to CPCB for fulfilling its objectives under Water Act, Air Act, EP Act.*
- *Providing Grant-in-Aid to NGT and various Authorities*
- *EIA of projects requiring environmental clearance*

## 1 Scheme: Environmental Monitoring & Governance

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Central Pollution Control Board	Providing Grant-in-Aid to CPCB for fulfilling its objectives under Water Act, Air Act, EP Act.	<p>Operation of Water Quality Monitoring Stations</p> <p>Operation of Ambient Air Quality Monitoring Stations</p> <p>New National Ambient Noise Monitoring Network (NANMN)</p> <p>Intensive monitoring of critically polluted areas and implementing action plans for restoration of environmental quality</p>	2,500	600 (sanctioned 700)	35 stations (in operation would be 70)	43 critically polluted areas	2 3 1
2	Establishment of Environmental Authorities, Commissions and Tribunals	Providing Grant-in-Aid to NGT and various Authorities	Setting up of permanent offices of the Tribunal at 5 places of Sifting.	Delhi (Principal), Bhopal, Chennai, Pune and Kolkata				
3	Environment Impact Assessment (EIA) Programme	EIA of projects requiring environmental clearance	Grant of environmental clearance to projects and Grant of Coastal Regulation Zone clearance to projects	EIA Notification, 2006 and CRZ Notification, 2011 under the Environment (Protection) Act, 1986. Processing of EIA under these Notifications is a regulatory function.				1,2,3,4

**Key Components / Activities**

- *Development & Promotion of Cleaner Technologies*
- *Development of Tools and Techniques for Pollution Prevention*
- *Formulation of Sustainable Development Strategies*
- *Supporting State/ UT Pollution Control Boards and Pollution Control Committees*
- *Development of an institutional framework; Building human and technical capacity in State agencies*
- *To treat effluent emanating from clusters of small scale industrial units*

## Scheme: Pollution Abatement

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target	
				QEA I	QEA II	QEA III	QEA IV		
1	2	3	4	5	6	7	8	9	
1	Development and Promotion of Cleaner Technologies (DPCCT) and Waste Minimisation Strategies (previously DPCT)	Development & Promotion of Cleaner Technologies  Development of Tools and Techniques for Pollution Prevention  Formulation of Sustainable Development Strategies	Monitoring of progress of ongoing projects by Review Committee  Financial support to 4-5 new project  Organizing training programmes/ Workshop  Creation of data base for Clean Technology  Establishment of new VMCS	Reduce pollution level, generation of wastes and overall cost of production  Standardize the data obtained after primary research to develop and demonstrate suitability of the prototype  Economic and scientific feasibility of technology in Indian environmental conditions will be ascertained  SMEs will have access to requisite technical expertise  Procurement of equipment/ hardware will not be required by SMEs	1, 2				6  6  4  1, 2, 3, 4
2	Assistance for Abatement of Pollution	Supporting State/ UT Pollution Control Boards and Pollution Control Committees	Financial support to State boards, strengthening infrastructure of their laboratories	Strengthening of State Pollution Control Boards	1, 2, 3, 4				
3	Hazardous Substance Management	Development of an institutional framework, Building human and technical capacity in State agencies		To establish a national programme for remediation and rehabilitation of 4 polluted sites	1				
4	Promotion of Common Effluent Treatment Plants (CETPs)	To treat effluent emanating from clusters of small scale industrial units.	Financial assistance to CETPs to treat effluent	Improving ambient water quality	3				



## 3

**Scheme: Research and Development for Conservation and Development****Key Components / Activities**

- *Botanical Survey of India*
- *Zoological Survey of India*
- *G.B. Pant Himalayan Institute of Environment and Development*
- *Assistance for Regional Botanical Gardens*
- *Taxonomy Capacity Building Project*
- *Biodiversity Conservation*
- *National Natural Resources Management System (NNRMS)*
- *Research and Development.*

## 3 Scheme: Research and Development for Conservation and Development

I. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Botanical Survey of India	Survey & Exploration	Field tours	75 field tours to forests and non-forests areas of 6 districts, 16 Wildlife Sanctuaries, 03 National Parks of 14 States, 15 Consultation tours to different herbaria, 02 foreign tours				
		Documentation of phytodiversity	Documentation of phytodiversity	1,000 species of flowering plants, 150 species of non flowering plants				6
		Documentation of traditional knowledge of plants	Documentation of Traditional Knowledge	Odisha and Gujarat				6
		Ex-situ conservation	Ex-situ conservation	100 species				
		Digitization of Herbarium Specimens	Digitization of Herbarium Specimens	5,000 specimens				6

3

Scheme: Research and Development for Conservation and Development

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
2	Zoological Survey of India	Survey & Faunal Exploration:	Field tours to States/UTs	100 Field tours				
		Documentation of Faunal Diversity	Faunistic survey and documentation	12 PAs				
		Status survey of Endangered species	Species of identified animals	1,500 species				
		Renovation of HQs and Regional Centres' Museum	Status survey	05 species				6
		Training and Extension Services	Hqs. to be strengthened. Regional Centres' museum to be strengthened.	1				
				2				
Digitisation of National Zoological specimens	Digital images and Metadata to be completed.	4				6		
Publication: Dissemination of information and creating awareness on Faunal Diversity	Books related to Fauna of India, Fauna of State and Fauna of Conservation Areas to be published.	10,000				6		
				26 Nos.				6

## Scheme: Research and Development for Conservation and Development

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
3	G.B. Pant Himalayan Institute of Environment and Development	To identify and strengthen local knowledge of the environment and contribute towards strengthening research To evolve demonstrated suitable technology packages and delivery systems To provide extra mural funds to agencies concerned for support of location-specific R&D activities in IHR.	1. Demonstrations a. Village models b. IERP program - completion of ongoing projects 2. Dissemination/ Training a. RIC Training Programmes b. Publications 3. Mountain Division of MoEF: For integrated development of IHR a. Consultation meetings b. Knowledge Forum and Assessment studies	02 programmes 28 projects 45 Nos. 08 Nos.				
4	Assistance for Regional Botanical Gardens	Ex-situ conservation and propagation of rare endangered and threatened plant species Reintroducing endangered species Education and public awareness in respect of endemic plant species Strengthening infrastructural facilities to facilitate conservation of germplasms,	Rescuing threatened plant species for ex-situ conservation Meetings of Expert Group for examination and recommendation of proposals Sanctioning and monitoring of projects Strengthening infrastructural facilities to facilitate conservation of germplasms, including 2 Lead Gardens	150 species 02 meetings 25 projects 12 Gardens, including 2 Lead Gardens			6	

Scheme: Research and Development for Conservation and Development

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
5	Taxonomy Capacity Building Project	Scrutinising utilization of funds and release of grants for ongoing projects Sanctioning new research projects under new identified thematic areas Reviewing and monitoring progress of ongoing research projects	Financial assistance for all ongoing research projects  Sanctioning grants for new research projects under 5 new identified thematic areas. Organising training workshops	250 projects  150  2				
6	Biodiversity Conservation	1) Assistance to National Biodiversity Authority  2) Assistance for strengthening State Biodiversity Boards  3) Assistance for People's Biodiversity Register CoP-11 and Presidency of CoP & South-South Cooperation Biosafety: Strengthening biosafety management systems through: (a) implementation of Rules, 1989; (b) implementation of various provisions of Cartagena Protocol on Biosafety(CPB)	Reviewing progress in Authority meetings: 04 Conducting 3 national/ international conferences/ workshops, etc. Financial support to SBBs for engaging outsourcing staff, capacity building, operational expenses of SBBs  Preparation of PBRs: Village/ Block/ District levels Undertaking activities relating to post CoP-11 and CoP-MaP-6 Convene meetings of GEAC, Expert Committees and Monitoring Committees as per schedule Biosafety assessment of GM crops for environmental release	Effective implementation of BD Act 2002  Capacity building and awareness  Supporting SBBs financially in engaging outsourcing staff	13  13  13		13  13  13	

## 3 Scheme: Research and Development for Conservation and Development

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
7	National Natural Resources Management System (NIRMS)	To examine and identify key issues in management of bioresources and environment using remote sensing	Funding new projects including two mega projects  Servicing ongoing projects	6				1,2,3,4,
8	Research and Development	To support research in multi-disciplinary aspects of environment protection, conservation and management	Initiation of new projects - 20  Preparation of Executive Summary of completed Projects - 20  National Environmental Sciences Fellows - 02	25				1,2,3,4,
					Developing strategies, technologies and methodologies for better environmental management			
					Availability of information and development of knowledge base for stakeholders			
					Developing a pool of trained scientists to undertake need-based research.			

## 4

**Scheme: Conservation of Natural Resources and Ecosystems****Key Components / Activities**

- *Scrutiny of trend of utilization of funds provided for Management Action Plans (MAPs)*
- *Sanctioning of research projects on priority areas of research as per guidelines*
- *Review and monitoring progress of ongoing Projects*
- *Conservation*
- *Development*
- *Biodiversity conservation and rural livelihood improvement through testing and establishing decentralized participatory approaches across a range of globally and nationally important landscapes under different management regimes*
- *Holistic conservation and restoration of lakes and wetlands for achieving desired water quality enhancement besides improvement in biodiversity and ecosystems through an integrated, multidisciplinary approach with a common regulatory framework*

## Scheme: Conservation of Natural Resources and Ecosystems

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Conservation of Corals and Mangroves	Scrutiny of trend of utilization of funds provided for Management Action Plans (MAPs) Sanctioning of research projects Review and monitoring progress of ongoing Projects.	Financial assistance for MAPs  Sanctioning of grants for research projects Convening meetings of National Committee Review and monitoring of Projects	25 mangrove and 4 coral reef sites	30 Nos.	01 Nos.		
2	Biosphere Reserves	Conservation Development	Management Action Plans of designated Biosphere Reserves. Designation of new site as Biosphere Reserves.	12 on-going Projects	14 Biosphere Reserves.	01 new site		
3	Biodiversity Conservation and Rural Livelihood Improvement Project (EAP)	Biodiversity conservation and rural livelihood improvement	Strengthening management/ capacity building	Scaling up and replication of successful Models of conservation in additional Landscapes sites				12, 13
4	National Plan for Conservation of Aquatic Eco-Systems (NPCA)	Holistic conservation and restoration of lakes and wetlands	Implementation of conservation plans Research Projects in Lake/ Wetland conservation, capacity building, etc.	Completion of projects for 4 Lakes, and Sanctioning MAPs of 50 identified Wetlands.				12
				Research projects for evaluation of MAPs of 10 identified Wetlands.				12



## **Scheme: Environmental Information, Education & Awareness**

### **Key Components / Activities**

- *Enhancing understanding of people at all levels about relationship between human beings and environment and to develop capabilities/ skills to improve and protect the environment*
- *Communication, education and public awareness on environment, biodiversity and Natural Heritage through educational programmes, out-reach/ extension/ exhibitions and establishment of Museums across Regions*
- *To provide information on environment and environment-related subject areas to researchers, academicians, policy planners, environmentalists, engineers and general public through a decentralized network of ENVIS Centres on diverse subject areas*
- *To strengthen awareness, research and training in priority areas of environmental issues and management*

## Scheme: Environmental Information, Education &amp; Awareness

Sl. No	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Environmental Education Training Scheme. a) National Green Corps (NGC). b) National Environment Awareness Campaign (NEAC). c) Advertising and Publicity	Enhancing understanding of people at all levels about relationship between human beings and environment and to develop capabilities/ skills to improve and protect the environment.	Supporting Eco-clubs. Participation of organizations in NEAC. "Science Express" launched to generate environmental awareness among people	1,00,000 11,000 15 Lakh persons				6
2	National Museum of Natural History	Communication, education and public awareness on environment, biodiversity and Natural Heritage through educational programmes, out-reach/ extension/ exhibitions and establishment of Museums across Regions	Education Programme National Level Programme (NLP) Capacity Building Workshops (CBWs) Exhibition Development Programme (EDP) Exhibitions (Exh)	24 Nos. 12 Nos. 02 Nos. 02 Nos. 02 Nos.				
3	Environmental Information System	To provide information on environment and environment-related subject areas to researchers, academicians, policy planners, environment-alists, engineers and general public through a decentralized network of ENVIS Centres on diverse subject areas.	Extending financial support to ENVIS Centres Holding Regional workshops Publishing Annual Report 2013-14 Publishing National-level State-of-the-Environment (SoE) Report	67 Centres 02 Workshops 1 1				6
4	Centres of Excellence (CoEs)	To strengthen awareness, research and training in priority areas of environmental issues and management	Research as approved by competent authority and other priority areas as per approved Action Plans of CoEs.	Supporting 10 CoEs				

## 6

**Scheme: Climate Change Action Programme****Key Components / Activities**

- *National Carbonaceous Aerosols Programme*
- *Long Term Ecological Observatories for Climate Change Studies*
- *Coordinated studies for NER*
- *International negotiations and contributions*
- *Capacity Building*
- *Coordination of National Action Plan on Climate Change (NAPCC)*
- *State Action Plans on Climate Change (SAPCCs)*

## Scheme: Climate Change Action Programme

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target			
				QEA I	QEA II	QEA III	QEA IV				
1	2	3	4	5	6	7	8	9			
1	Climate Change Action Plan	<p>National Carbonaceous Aerosols Programme</p> <p>Long Term Ecological Observatories for Climate Change Studies</p> <p>Coordinated Studies for NER</p> <p>International negotiations and contributions</p> <p>Capacity Building</p> <p>Coordination of National Action Plan on Climate Change (NAPCC)</p>	<p>Based on project document for WG-III under NCAAP, launch and finalise project activities in 2<sup>nd</sup> year.</p> <p>Science Plan will be prepared and Work programme developed.</p> <p>Finalise document on studies</p> <p>Participate in meetings of UN Framework Convention on Climate Change (UNFCCC), Kyoto Protocol and related Major Economic Forum.</p> <p>Identify 3-4 institutions and conduct studies on Climate Change issues</p> <p>Centre for coordination will be set up in Climate Change Division and National Institute for Climate Change Studies and Actions (NICCSA)</p> <p>09 SAPCCs (out of 16) will be finalized. A Cell will be set up in Climate Change Division to monitor and implement SAPCCs</p>	Project of Working Group-III of CCAP to be launched	Science Plan of programme will be prepared in consultation with experts	Project to be launched	Fulfilling India's commitment under UNFCCC and enhancement of international cooperation in pursuance of its objectives	National level capacity building	Collection/ collation on status of implementation of National Mission under NAPCC from respective nodal agency and preparation of a consolidated report	4	
		State Action Plans on Climate Change (SAPCCs)					State Governments will initiate preparatory activities in the respective states				4

## 7

**Scheme: International Cooperation Activities****Key Components / Activities**

- *Activities involved are foreign and domestic travel expenses, other administrative expenses, Grants-in-Aid, other charges, salaries, contribution to international/ UN bodies, etc.*
- *Enhancing capacity for alignment of NAP to the 10-year strategy of UNCCD and National Reporting to UNCCD Secretariat*
- *Execution of civil works connected with Plan Schemes*

## Scheme: International Cooperation Activities

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	International Cooperation	Activities involved are foreign and domestic travel expenses, other administrative expenses, Grants-in-Aid, other charges etc.	To pay India's contribution to UN Bodies and other International bodies.	To promote bilateral and multilateral relations				4
2	Desertification Cell	Enhancing capacity for alignment of NAP to the 10-year strategy of UNCCD and National Reporting to UNCCD Secretariat	Brainstorming workshop for NAP alignment and national reporting Orientation Workshops/ training of stakeholders for NAP alignment Commission of Study for preparation of Desertification Atlas Commission of Study for compiling data for impact indicators, tracking of impact indicators Hiring of personnel: technical assistants, policy experts etc.	3		1		
3	Civil Construction Unit	Execution of civil works connected with Plan Schemes	Works to be completed Works to be taken up	Initiation of Study for compiling data				13 22

## 8

**Scheme: National Coastal Management Programme****Key Components / Activities**

- *To promote sustainable management of natural and physical resources of the coastal environment of India*

## Scheme: National Coastal Management Programme

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	National Coastal Management Programme	To promote sustainable management of natural and physical resources of the coastal environment of India	<p>(i) (a) Mapping, delineation and demarcation of hazard lines</p> <p>(i)(b) Delineation of coastal sediment cells for entire coast</p> <p>(i)(c) Mapping, delineation and demarcation of Ecological Sensitive Areas (ESAs)</p> <p>(ii)(a) Establishing National Centre for Sustainable Coastal Management</p> <p>(ii)(b) Capacity Building of MoEF</p> <p>(iii) Capacity development and pilot investment in SPMU-Gujarat</p> <p>(iv) Capacity development and pilot investment in SPMU-Odisha</p> <p>(v) Capacity development and pilot investment in SPMU-West Bengal</p>	National ICZM Capacity Building	National ICZM Capacity Building			
				Piloting ICZM approaches in National Level				
				Piloting ICZM approaches in Gujarat				
				Piloting ICZM approaches in Odisha				
				Piloting ICZM approaches in West Bengal				



## 9

**Scheme: National River Conservation Plan****Key Components / Activities**

- *Sanctioning and monitoring of works under NRCP and NPCA for improving the water quality of rivers and lakes and wetlands respectively*
- *To reduce pollution load in major rivers through pollution abatement works. Sewage Treatment Plants (STPs) are normally commissioned within 3 years of sanction for treating raw sewage to the prescribed discharge standards and at an average capacity utilization of more than 70 per cent on an annual basis*

## Scheme: National River Conservation Plan

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	National River Conservation Directorate	Sanctioning and monitoring of works under NRCPC and NPCA for improving the water quality of rivers and lakes and wetlands respectively	To provide secretarial support to schemes of NRCPC and NPCA	—	—	—	—	2
2	National River Conservation Plan	To reduce pollution load in major rivers through pollution abatement works. Sewage Treatment Plants (STPs) are normally commissioned within 3 years of sanction for treating raw sewage to the prescribed discharge standards and at an average capacity utilization of more than 70 per cent on an annual basis	188 ML of Sewage Treatment Capacity to be created	—	—	—	—	2

## Scheme: Grants-In-Aid to Forestry & Wildlife Institutions

### Key Components / Activities

- *To undertake, aid, promote and co-ordinate forestry research, education and its application*
- *To extend the research findings from laboratory to land*
- *To develop and maintain a National forest Library & Information centre.*
- *To provide consultancy services in forestry research, education and training and training, and in allied sciences*
- *Undertaking research and development of technologies for plywood and other panel products based on lignocelluloses materials including plantation timber, bamboos and fibres.*
- *Education, Training, Research, Consultancy*
- *Capacity Building by :*
  - *Regular Training Programmes for Forestry and Wildlife Personnel*
  - *Short courses/ workshop/seminars for capacity building of Managers and Frontline Staffs*
  - *M. Sc. (Wildlife Sciences) (2 years; 14 students)*
  - *Research activities on issues relating to wildlife*
  - *Advisory services to various organizations*

## Scheme: Grants-in-aid to Forestry &amp; Wildlife Institutions

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target			
				QEA I	QEA II	QEA III	QEA IV				
1	2	3	4	5	6	7	8	9			
1	Indian Council of Forestry Research and Education (ICFRE)	<p>To undertake, aid, promote and co-ordinate forestry research, education and its application</p> <p>To extend the research findings from laboratory to land</p> <p>To develop and maintain a National forest Library &amp; Information centre.</p> <p>To provide consultancy services in forestry research, education and training and training, and in allied sciences</p>	<p>Financial support to on-going research projects in 04 research thrust areas and 35 themes</p> <p>Financial support to new initiatives</p> <p>Supporting Wks</p> <p>Supporting Demo Villages</p> <p>Developing modern infrastructure</p>	382	90	200	50	10	41 projects	5.6	
2	Indian Plywood Industries Research Institute (PIRRI)	Undertaking research and development of technologies for plywood and other panel products based on lignocelluloses materials including plantation timber, bamboos and fibres	Support research projects	41 projects							
			One-Year PG Diploma Course	1							
			Short term training courses	13							
			IFS Training Courses	2							
			Filing Patents	1							
			Testing samples	1000							
			Extension & entrepreneur development through workshops/ seminars	2							
			Technology transfers	3							

Scheme: Grants-in-aid to Forestry & Wildlife Institutions

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
3	Indian Institute of Forestry Management (IIFM)	Education, Training, Research, Consultancy.	Admission to PGDFM course. Admission to one-year Post Master Course in NRM Management Development Programmes/Seminars/Workshops Admission to FMP Programme Construction of class rooms by CCU, New Delhi Research projects	93 students 20 students 30 Nos.				
4	Wildlife Institute of India	Capacity Building by: a) Regular Training Programmes for Forestry and Wildlife Personnel b) Short courses/ workshop/seminars for capacity building of Managers and Frontline Staffs c) M. Sc. (Wildlife Sciences) (2 years; 14 students) d) Research activities on issues relating to wildlife. e) Advisory services to various organizations	Post Graduate Diploma Course in Advanced Wildlife Management (10 months, 20 trainees); Certificate Course (Wildlife Management) (3 months:01.11.2013 to 31.01.2014; 20 students); 20 students would be enrolled M. Sc. (Wildlife Sciences) (2 years; 14 students); Ongoing Research projects: 07 Nos. Research projects Advisory services	20 officers are presently enrolled 20 officers will be inducted 20 students would be enrolled 14 students enrolled in June 2011 14 students would be enrolled in June 2013 07 Nos. 17 Nos. 0				9,10,11

**Key Components / Activities**

- *Induction training of State Forest Service (SFS) Officers and Forest Range Officers (FRO)*
- *Short-term General Refresher & Computer Application Courses for in-service SFS Officers and FROs.*
- *Theme based Courses/ Workshops for SFS Officers and FROs*
- *Refresher Courses for in-service Deputy Rangers/ Foresters/ Forest Guards of States/ UTs*
- *Courses on forestry for other organizations*
- *Conducting initial training of IFS probationers*
- *Conducting Mid-Career Training programmes of IFS officers*
- *Improvement and maintenance of infrastructure*
- *Training of personnel of other services*
- *Conducting short-term courses of one/ two weeks duration for IFS Officers in premier institutions*
- *To create awareness among personnel of other services towards conservation of forestry/ wildlife*
- *Facilitating study/ training courses for forestry personnel in reputed foreign institutions and sponsoring for participation in international workshops*
- *Sensitization of elected public representatives, panchayat members, NGOs, educational institutions, Press and Media, banking institutions, social activists, etc.*
- *To improve training environment for frontline staff through rehabilitation of State forest training institutes and capacity building of frontline forestry staff*

Scheme: Capacity Building in Forestry Sector

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target			
				QEA I	QEA II	QEA III	QEA IV				
1	2	3	4	5	6	7	8	9			
1	Directorate of Forest Education (DFE), State Forest Ranger's College	Induction training of State Forest Service (SFS) Officers and Forest Range Officers (FRO)	Induction training of SFS 2013-15 Phase II of SFS 2012-14 Completion of training and passing out of SFS 2011-13 and 2012-14 Induction training FROs 2013-14; Phase-II Completion of training and passing out of FROs induction training courses 2011-13 and 2012-14 Two-weeks General Refresher Courses in thematic area for in-service SFS Officers (Promoted from Range Officers) Two-weeks General Refresher in thematic area Courses for in-service FROs (Promoted from Deputy Range Officers)	02 new Courses	01 Courses	03 Courses	03 new Courses	02 Courses	05 Courses	01 Courses	
		Short-term General Refresher & Computer Application Courses for in-service SFS Officers and FROs. Theme-based Workshop (Wildlife) for FROs	Theme based courses (one-week) for in-service SFS Officers Theme-based courses (one-week) for in-service FROs Two-weeks Refresher Courses for in-service Deputy Rangers/ Foresters/ Forest Guards of States/ UIs	10 workshops	09 workshops	100 Courses	05 workshops				
		Courses on forestry for other organizations	One-week theme-based Workshops for FROs through State Forestry training institutes of States								

## Scheme: Capacity Building in Forestry Sector

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
2	Indira Gandhi National Forest Academy (IGNFA)	Conducting initial training of IFS probationers	Training of IFS probationers and Foreign Trainees for 2011, 2012 and 2013 batches	67 IFS Probationers and foreign trainees from Bhutan of 2011-13 course would be relieved from Academy in August 2013				
	Plan-Capacity Building in Forestry Sector-IGNFA	Conducting Mid-Career Training programmes of IFS officers Improvement and maintenance of infrastructure Training of personnel of other services	Phase-V Mid-Career Training Programmes Phase-IV programme Renovation of library, sports facilities and running maintenance and operations. Joint training programmes for IAS, IPS, IFS Higher Judiciary Sensitising Indian Revenue Service officers IRTS Probationers Workshops for Officers of 30 / 50 years of service	3 1 0 03 Courses 01 Course 01 Course 01 Course 01 each				83 IFS Probationers of 2012-14 85 IFS Probationers and 2 foreign trainees from Bhutan
3	Training of IFS Officers	Conducting short-term courses of one/two weeks duration for IFS Officers in premier institutions	One-week Refresher Training Course of IFS Officers 2-day Training Workshop for IFS Officers	25-30 Courses 10-15 workshops				



Scheme: Capacity Building in Forestry Sector

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
4	Training of Personnel of other services	To create awareness among personnel of other services towards conservation of forestry/wildlife.	Training to IAS, IPS, Higher Judiciary, Sr. Army & Para-Military Brass, IMA cadets, Revenue and Customs services, etc.	06-08 one-week courses				
5	Foreign Training of Forestry Personnel	Facilitating study/ training courses for forestry personnel in reputed foreign institutions and sponsoring for participation in international workshops	Short-term courses Long-term courses International workshops/ Seminars	8 2 05 officers				
6	Training of other Stakeholders	Sensitization of elected public representatives, panchayat members, NGOs, educational institutions, Press and Media, banking institutions, social activists, etc.	8-10 courses sponsored related to integrated outdoor study programmes, short-term training, workshops	08-10 courses				
7	Capacity Building for Forest Management & Training of Personnel	To improve training environment for frontline staff through rehabilitation of State forest training institutes and capacity building of frontline forestry staff	Study Tours Hiring of expert teams for each target State Training of Trainers	2 04 persons per State 5				

**Key Components / Activities**

- *Forest Fire Control and Management*
- *Strengthening Forest Protection*
- *Increase forest and tree cover*
- *Increase forest/ tree cover on 5 m.ha. lands and improve quality of forest cover on another 5 m.ha. (total 10 m.ha.)*
- *Improve ecosystem services including biodiversity, hydrological services and carbon sequestration as a result of treatment of 10 m.ha.*
- *Increase forest and non-forest based livelihood of about 3 million households living in and around forests.*

Scheme: Afforestation & Forest Management

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Intensification of Forest Management	For Forest Fire Control and Management	Creation and Maintenance of Forest Fire Line	Approx: 68,000 kms				5
			Firewatchers	2,70,000 man days				
2	National Afforestation Programme	For strengthening Forest Protection	Construction of water storage structures	110 Nos.				5
			Construction of Boundary Pillars	78,000 Nos				
			Construction of Building for frontline staff.	600 Nos.				
			Improvement of Forest Roads	Approx: 750 kms				
2	National Afforestation Programme	To increase forest and tree cover	Field Operational Vehicles	Approx: 150 Nos.				
			Continue support to SFDA's	28 SFDA's				
3	Green India Mission	Increase forest/ tree cover on 5 m.ha. lands and improve quality of forest cover on another 5 m.ha. (total 10 m.ha.) Improve ecosystem services as a result of treatment of 10 m.ha.	Natural Regeneration Artificial regeneration	Target: 75,000 ha. Will be enhanced to 2,00,000 ha				
			Target State FDAs	28 State FDAs				
3	Green India Mission	Increase forest and non-forest based livelihood of about 3 million households living in and around forests.	Landscapes to be treated	150 Landscapes				
			Treatment area	2,00,000 ha.				

**Key Components / Activities**

- *To assess forest cover, undertake forest inventory, conduct research on applied forest survey techniques and capacity building of forestry Personnel*
- *Monitoring of projects approved under FCA, 1980 for compliance of stipulated conditions*
- *Monitoring of projects approved under EPA. 1986 for compliance of stipulated conditions*
- *To ensure adequate Networking with State/ UT Forest Departments*
- *To carry out assessment, monitoring and evaluation studies in broad area of forest trade, production and of NTFP*
- *Coordinating developmental action plan with the States/ UTs Forest Departments*
- *Creating political and administrative environment towards C&I approach for Sustainable Forest Management*

Scheme: Strengthening Forestry Divisions

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target				
				QEA I	QEA II	QEA III	QEA IV					
1	2	3	4	5	6	7	8	9				
1	Survey and Utilization of Forest Resources – Forest Survey of India	To assess forest cover, undertake forest inventory, conduct research on applied forest survey techniques and capacity building of forestry Personnel	<p><b>Forest Cover Assessment</b></p> <p>a. Procurement of cloud free data</p> <p>b. Rectification of satellite data Geo-referencing on S01 top sheet</p> <p>c. Interpretation (Classification) satellite data through data image processing (DIP).</p> <p><b>Inventory of Forest</b></p> <p>a. Inventory data collection</p> <p>b. Data checking and entry</p> <p>c. Data processing and output</p> <p><b>Inventory of TOF (Urban)</b></p> <p>a. Inventory data collection</p> <p>b. Data checking and entry</p> <p>c. Data processing and output</p> <p><b>Inventory of TOF (Rural)</b></p> <p>a. Procurement of MX data collection</p> <p>b. Image processing and sample collection</p> <p>c. Inventory data collection</p> <p>d. Data checking and entry</p> <p>e. Data processing and output</p> <p><b>Training</b></p>	386 Satellite scenes	386 Satellite scenes	535 (part) toposheets	20 Districts 23 Districts 29 Districts	20 Districts 23 Districts 29 Districts	26 Districts 18 Districts	15 Districts 23 Districts 29 Districts	150 Personnel	6,7

## Scheme: Strengthening Forestry Divisions

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
2	Regeneration – Strengthening of Forest Divisions	Monitoring of projects Monitoring of projects approved under EPA,	FCA EPA	823 1120				5 to 8
3	National Forestry Information System (NFIS)	To ensure adequate Networking with State/ UT Forest Departments.	To establish database management system for forestry products including timber, non-wood forestry products forest trade etc.	State Forest Department to furnish the data to Ministry Forest Survey of India will monitor all Central Sponsored Scheme (CSS).				5 to 8
4	National Coordinated Programme for Assessment of Non Timber Forest Product Resources	To carry out assessment, monitoring and evaluation studies in broad area of forest trade, production and of NTFP.	Assessment of NTFP resources, their collection, identification of species being collected, production and consumptions studies.	FRI's Report on 'Ensuring Fair Returns to Primary Collectors of NTFPs'. ICFRE's Forestry Sector Report 2010 circulated to States/ UTs for updating				7.8
3	Certification Programme for wood & non wood forest resources	Coordinating developmental action plan with the States/ UTs Forest Departments. Creating political and administrative environment towards C&I approach for Sustainable Forest Management.	Establishment of SFM Cell of each State. Preparation of a road map for an autonomous IFCC for Forest Certification.	All State Forest Departments Development of National Forest Certification Scheme.				7.8

## 14

**Scheme: Strengthening Wildlife Division****Key Components / Activities**

- *To improve quality of zoo animals*
- *Coordinate acquisition, exchange & loaning of animals for breeding purpose*
- *Coordinate research in captivity breeding and education programmes for the purpose of zoos*
- *Conservation and captive breeding of endangered species*
- *Maintaining healthy and hygienic zoo inmates and to provide basic facilities and amenities to visitors*
- *To strengthen Central Wildlife organization in the Ministry*
- *To strengthen functioning of offices of Wildlife Crime Control Bureau and its Regional and Sub-Regional offices for better enforcement of Wildlife (Protection) Act, 1972 & CITES)*
- *To provide consultancies for special tasks & assistance to research programmes*

## Scheme: Strengthening Wildlife Division

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Central Zoo Authority	To improve quality of zoo animals	Funding Support Maintenance of Rescue Centres Maintenance of National Zoological Park, New Delhi Impart training to in-service zoo personnel	30-40 zoos 7 1 200 personnel				
		Coordinate acquisition, exchange & loaning of animals for breeding purpose Coordinate research in captivity breeding	Conservation Breeding of endangered species Support for 16 ongoing research projects and 3 new projects	73 species projects and 09 new projects 16 ongoing research projects 3 new projects				11
3	National Zoological Park	Conservation and captive breeding of endangered species. Maintaining healthy and hygienic zoo inmates and to provide basic facilities and amenities to visitors.	To maintain National Zoological Park, New Delhi	Improvement of infrastructure facilities.  Providing facilities like sitting arrangements, shelters, upkeep of security, modern audio visual facilities etc.				11
2	Control of Wildlife Crime	To strengthen Central Wildlife organization in the Ministry. To strengthen functioning of offices of Wildlife Crime Control Bureau and its Regional and Sub-Regional offices To provide consultancies for special tasks & assistance to research programmes.	Support wildlife organization (Headquarter & Regional Offices) Creation of Regional offices. Field units Wildlife Forensic Laboratory Wildlife training Centre Support new research projects and ongoing projects.	Coordinating enforcement of Wildlife (Protection) Act, 1972 and CITES 02 Nos. 52 Units 01 Nos. 01 Nos. 10 Nos.				11



**Key Components / Activities**

- *To assist States/ UTs in development and management of protected areas networks, protection of wildlife inside and outside Protected Areas (PAs).*
- *To create facilities for better protection and management of PAs/ high value biodiversity formations.*
- *To provide financial and assistance for eco-development, training, capacity building & research studies.*
- *To provide for voluntary relocation of villages falling within PAs to outside area and settlement of rights*
- *To support Conservation & Community Reserves, protection outside PAs, recovery programmes for critically endangered species.*
- *To assist States having free ranging population of wild elephant to ensure long term survival of identified viable population of elephant in their natural habits and also for welfare of captive elephants.*

## Scheme: Wildlife Management

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Integrated Development of Wildlife Habitats	<p>To assist States/ UTs in development and management of protected areas networks</p> <p>To create facilities for better protection and management of PAs/ high value biodiversity formations.</p> <p>To provide financial and assistance for eco-development, training, capacity building &amp; research studies.</p> <p>To provide for voluntary relocation of villages falling within PAs to outside area and settlement of rights</p> <p>To support Conservation &amp; Community Reserves, protection outside PAs, recovery programmes for critically endangered species.</p>	<p>PAs to be supported</p>	334	334	334	334	334
2	Project Elephant	To assist States having free ranging population of wild elephant to ensure long term survival of identified viable population of elephant in their natural habits and also for welfare of captive elephants.	<p>Recovery programme for critically endangered species</p> <p>Support Elephant Reserves</p> <p>Establishment/ Maintenance of Elephant Rescue/ Rehabilitation Centres in specified States</p>	10	10	10	10	10
				17 States; 27 notified/ 05 proposed Elephant Reserves				
				Haryana, Kerala, Odisha, and Tamil Nadu				

### Key Components / Activities

- *To ensure maintenance of a viable population of Tigers for scientific, economic, aesthetic, cultural and ecological values and to preserve for all times areas of biological importance as a national heritage for the benefit education and enjoyment of people*
- *National Tiger Conservation Authority (NTCA): To make administrative expenses, including establishment of newly created NTCA*

## Scheme : Project Tiger

16

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	Project Tiger	To ensure maintenance of a viable population of Tigers for scientific, economic, aesthetic, cultural and ecological values and to preserve for all times areas of biological importance as a national heritage for the benefit education and enjoyment of people	Funding support to Tiger Reserves for protection, conservation and development of Tiger Reserves	41				
			Funding support for voluntary relocation and rehabilitation of at least 400 families from Tiger Reserves including payment of compensation for extinguishing their rights on forest land	At least 400 affected families				
				Creation of inviolate core area for wild animals in Tiger Reserves				

17

## **Scheme : National Afforestation and Eco development Board(NAEB)**

### **Key Components / Activities**

- *Support implementation of schemes relating to increase in forest and tree cover.*
- *To increase forest/ tree cover in inaccessible areas, like desert, terrains, mountain slopes through Regular/ Retired TA personnel.*

## Scheme : National Afforestation and Eco-development Board (NAEB)

Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
1	National Afforestation and Eco-Development Board	Support implementation of schemes relating to increase in forest and tree cover.	Support to Regional Centres for extension through workshops, training, and studies  Concurrent Evaluation of SFDA Projects  Intensive Media Campaign for increase in Forest and Tree Cover  Support to projects already approved under Grants-in-Aid for Greening India Scheme	07 Nos.				
2	Eco-Development Forces	To increase forest/ tree cover in inaccessible areas, like desert, terrains, mountain slopes through Regular/ Retired TA personnel.	Continuation of existing EIF in J&K Uttarakhand, Rajasthan and Assam	06 Nos.				

## Scheme: Animal Welfare

### Key Components / Activities

- *To promote welfare of animals*

## Scheme: Animal Welfare

18

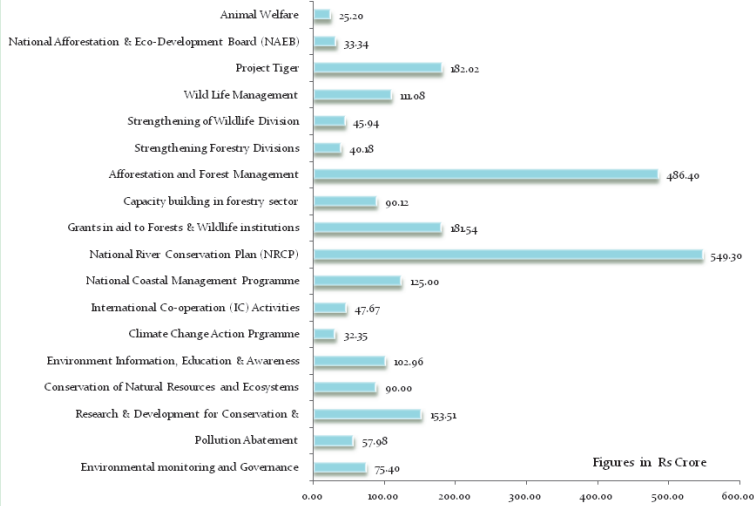
Sl. No.	Components	Activities	Actions	Key Targets/Projected Outcomes				Twelfth Plan Monitorable Target
				QEA I	QEA II	QEA III	QEA IV	
1	2	3	4	5	6	7	8	9
	Welfare of Animals	To promote welfare of animals	<p>AWBI Plan: To provide assistance to AWOs/ NGOs for annual maintenance</p> <p>Provision of Shelter Houses for animals</p> <p>ABC and Immunization of Stray Dogs: For birth control in stray dogs and rabies immunization</p> <p>Provision of Ambulance Services to animals in distress</p> <p>Relief to animals during natural calamities and unforeseen circumstances</p> <p>CPCSEA: For experimental animals</p> <p>NIAW: To provide training in animal welfare</p>	750 AWOs	36 Shelter houses to be constructed	75,000 operations	77 Ambulances	11
								11



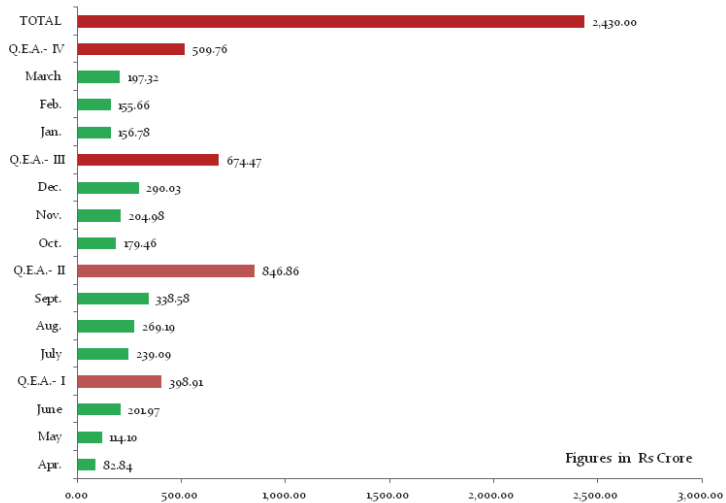
**Scheme-wise Allocation (BE) : 2013-14  
&  
Monthly Expenditure Plan (MEP) Targets**



### Scheme-wise Allocation (BE) : 2013-14 Plan Schemes

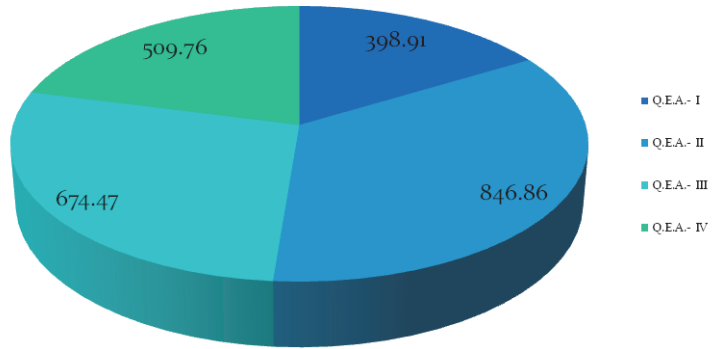


### MEP Targets: 2013-14





MEP Targets - Quarterly Distribution (In Rs. Crore)

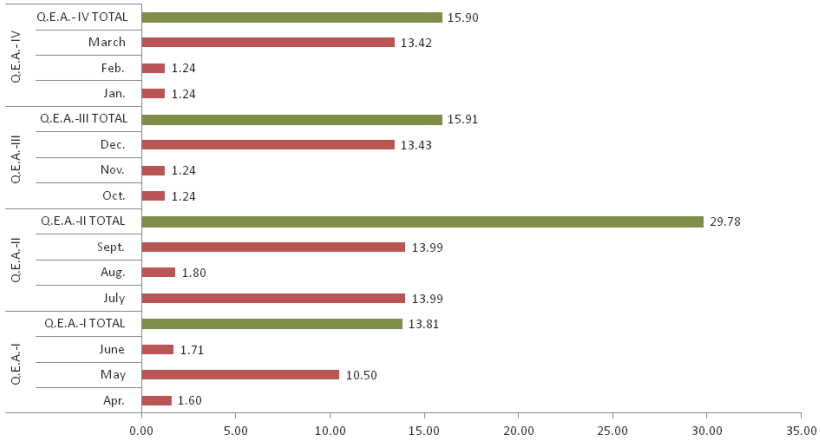


# Scheme-wise Monthly Expenditure Plan Targets



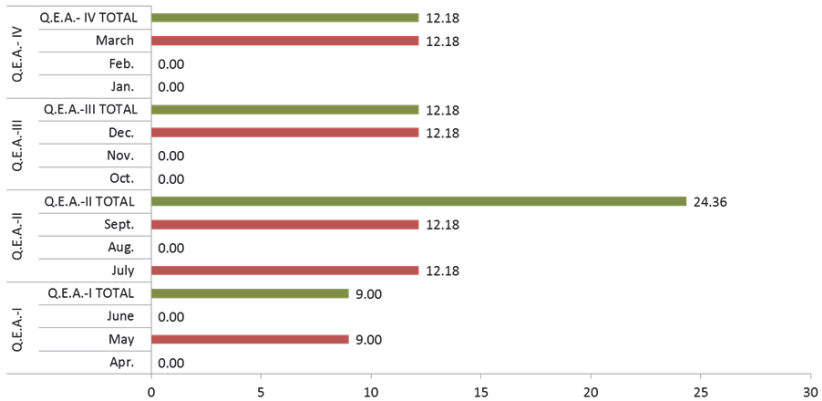
**1. Environmental Monitoring and Governance**

(Outlay 2013-14 - Rs.75.40 Crore)



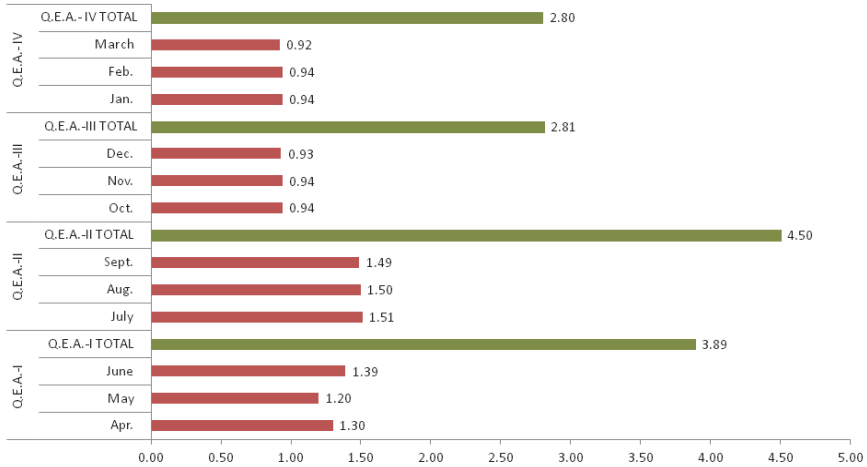
**1a. Central Pollution Control Board (CPCB)**

(Outlay 2013-14: Rs. 57.72 crore)

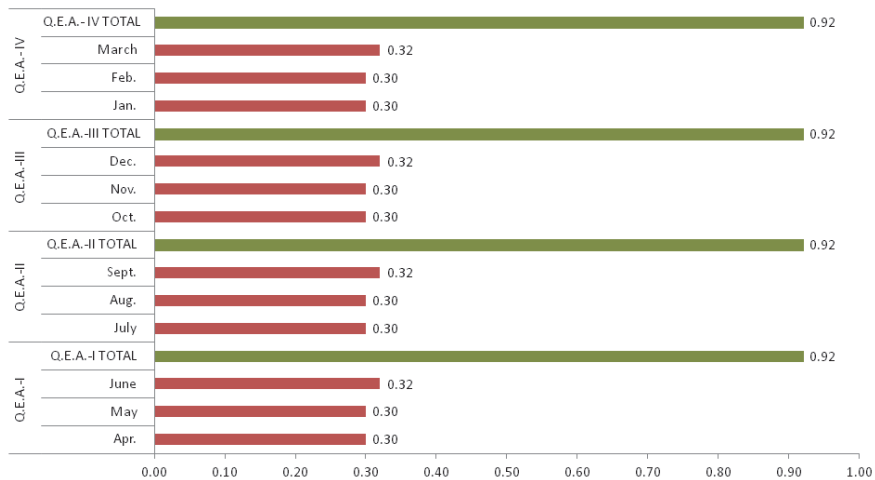




**1b. Establishment of Environment Protection Authorities/ Commissions/ Tribunals**  
(Outlay 2013-14: Rs. 14.00 crore)

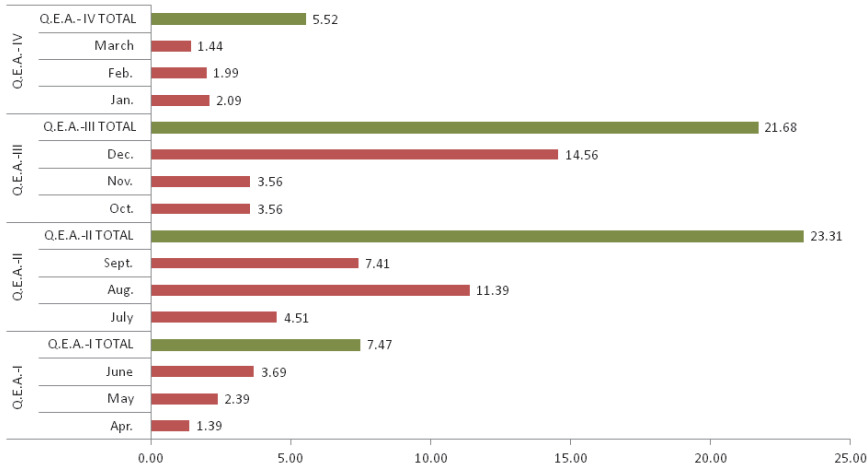


**1c. Activities under Environmental Impact Assessment (EIA)**  
(Outlay 2013-14: Rs. 3.68 crore)

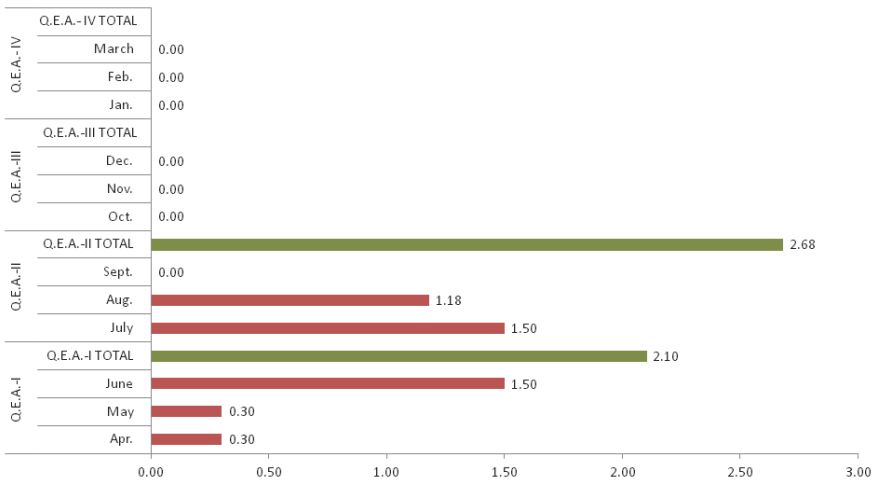




**2. Pollution Abatement**  
(Outlay 2013-14: Rs. 57.98 Crore)

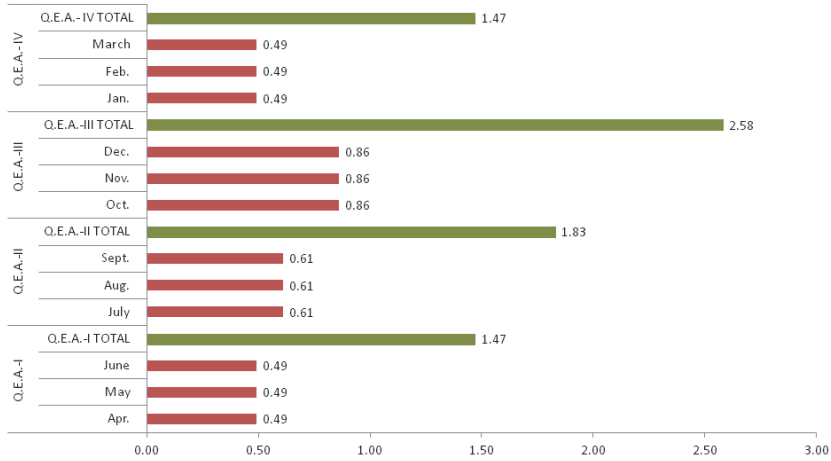


**2a. Development/ promotion of clean technology and waste minimization strategies**  
(Outlay 2013-14 : Rs.4.78 Crore)

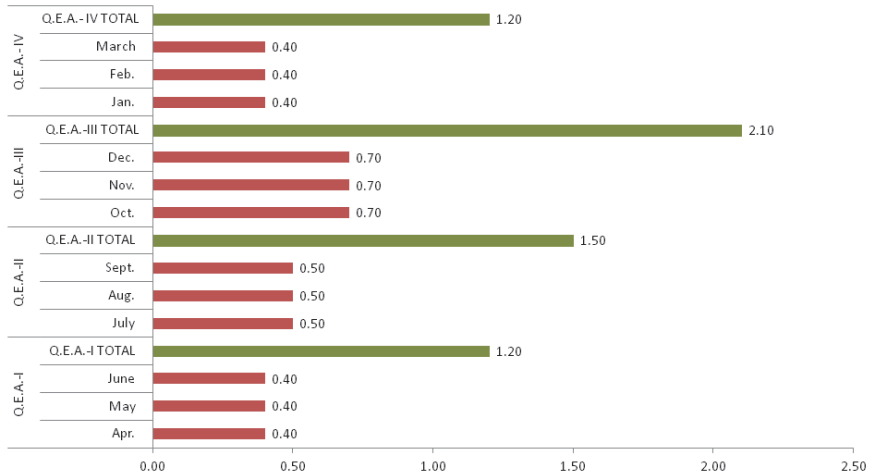




**2b. Assistance for Abatement of Pollution Environment P&L**  
(Outlay 2013-14: Rs.7.35Crore)

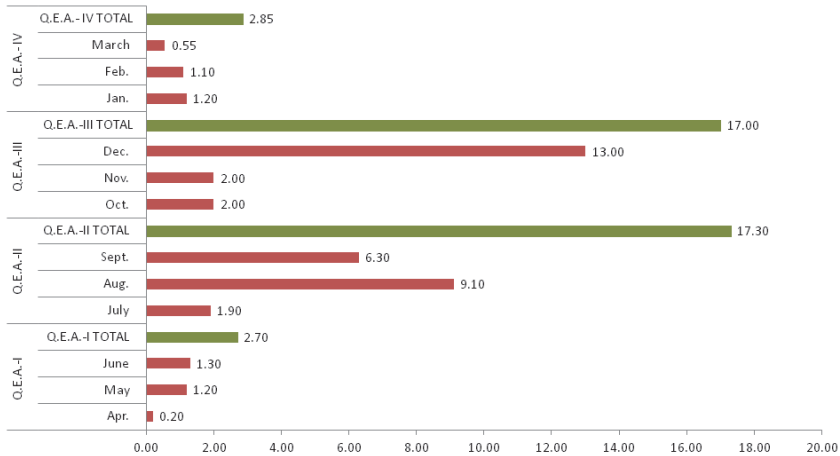


**2c. Common Effluent Treatment Plant (CETP)**  
(Outlay 2013-14 - Rs.6.00crore)

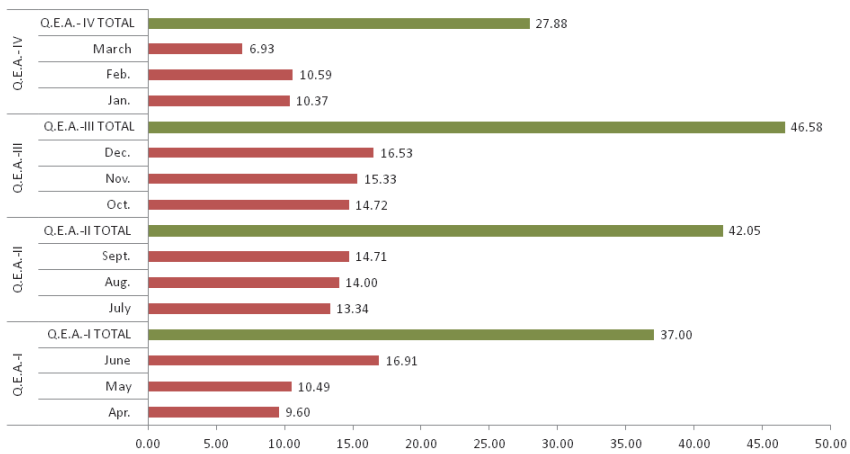


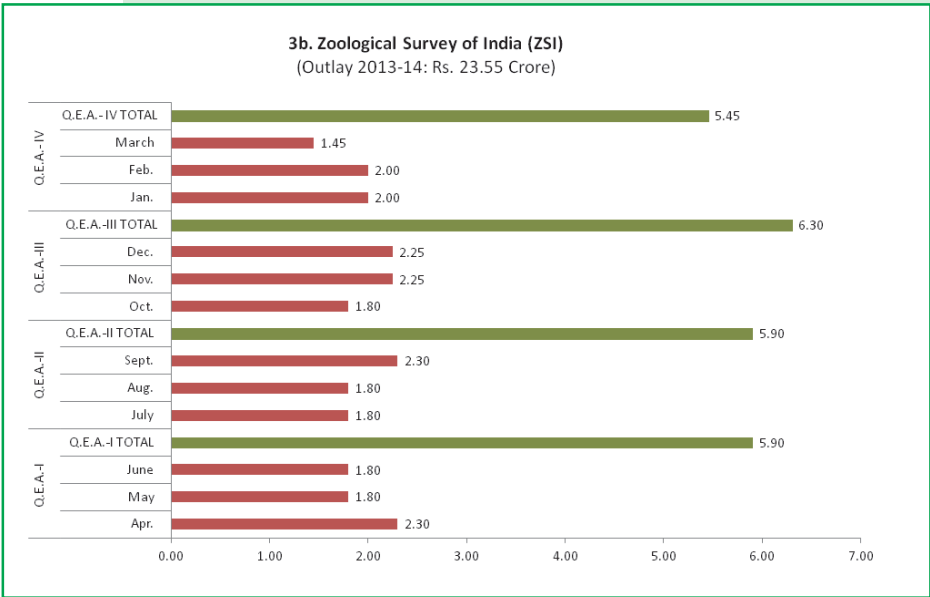
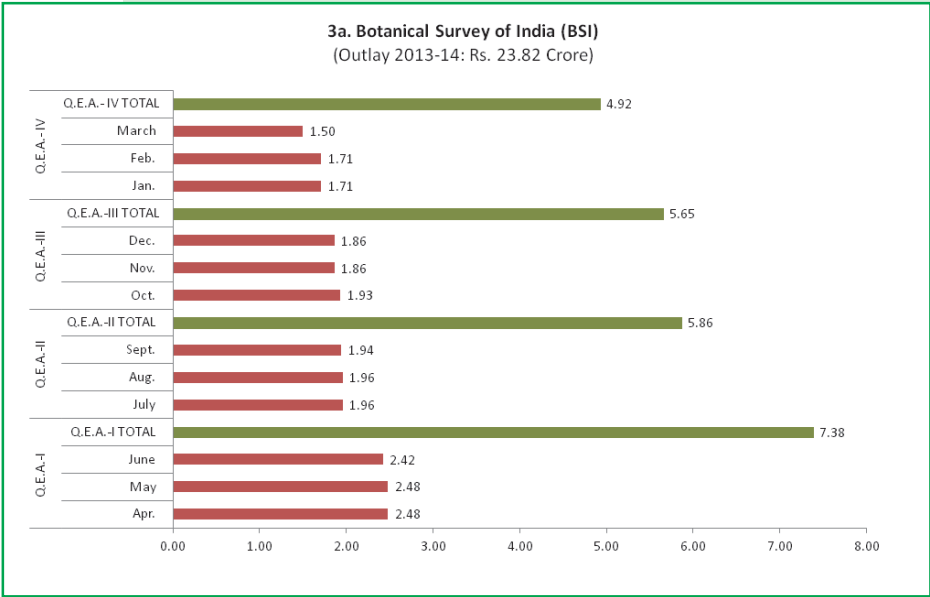


### 2d. Hazardous Substances Management Scheme (HSMS) (Outlay 2013-14: Rs. 39.85 Crore)



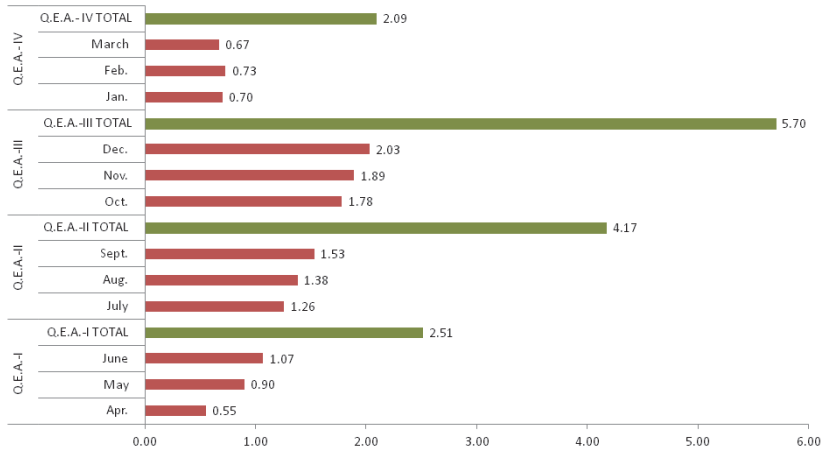
### 3. Research & Development for Conservation & Development (Outlay 2013-14: Rs.153.51 Crore)



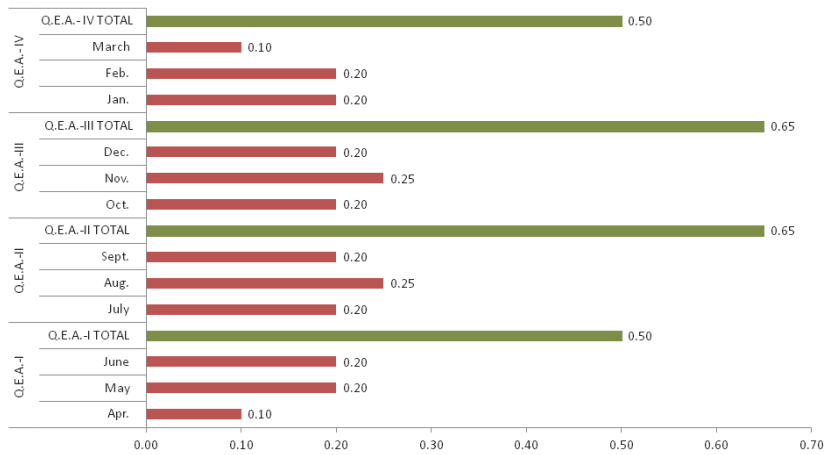




**3c. G. B. Pant Institute of Himalayan, Environment & Development (GBPIHED)**  
(Outlay 2013-14: Rs. 14.47 Crore)

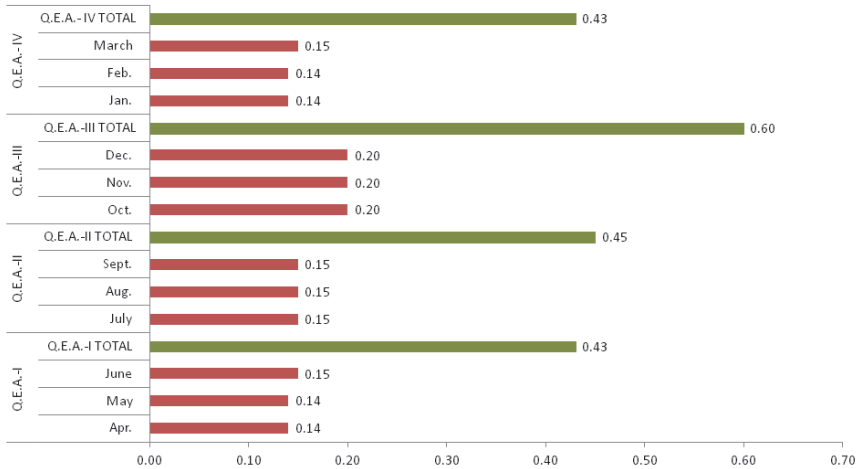


**3d. Assistance to Botanical Gardens**  
(Outlay 2013-14: Rs. 2.30 Crore)

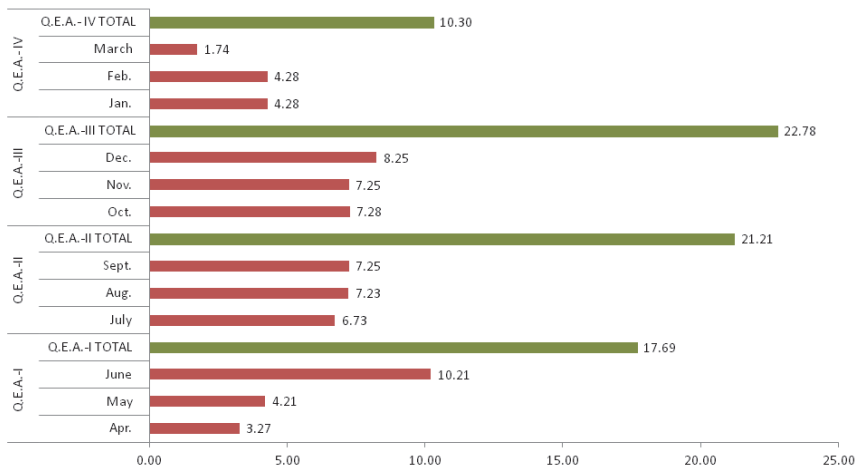




### 3e. Taxonomy Capacity Building (Outlay 2013-14: Rs. 01.90 Crore)

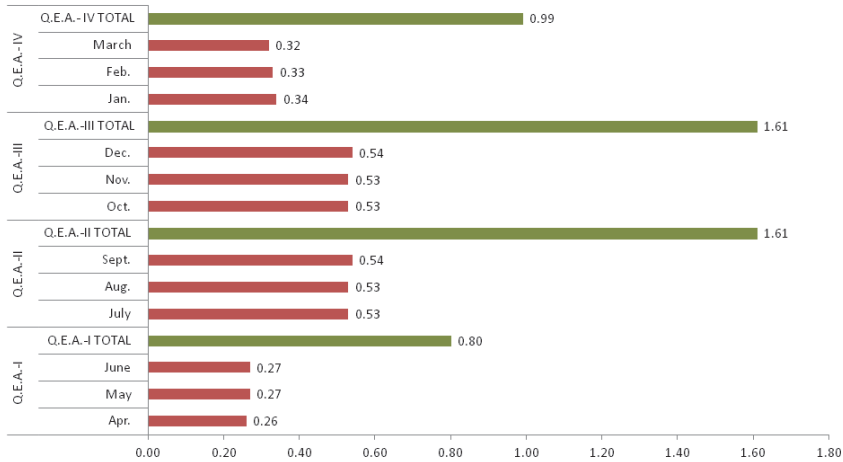


### 3f. Bio-diversity Conservation (Outlay 2013-14: Rs. 71.98 Crore)

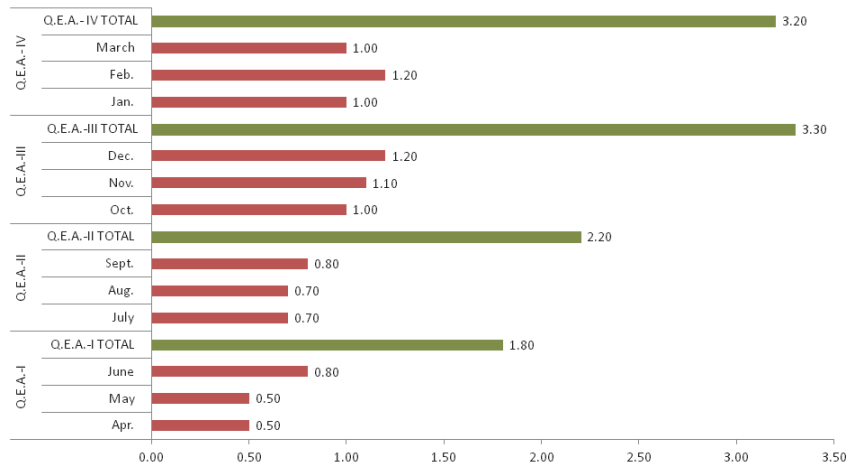


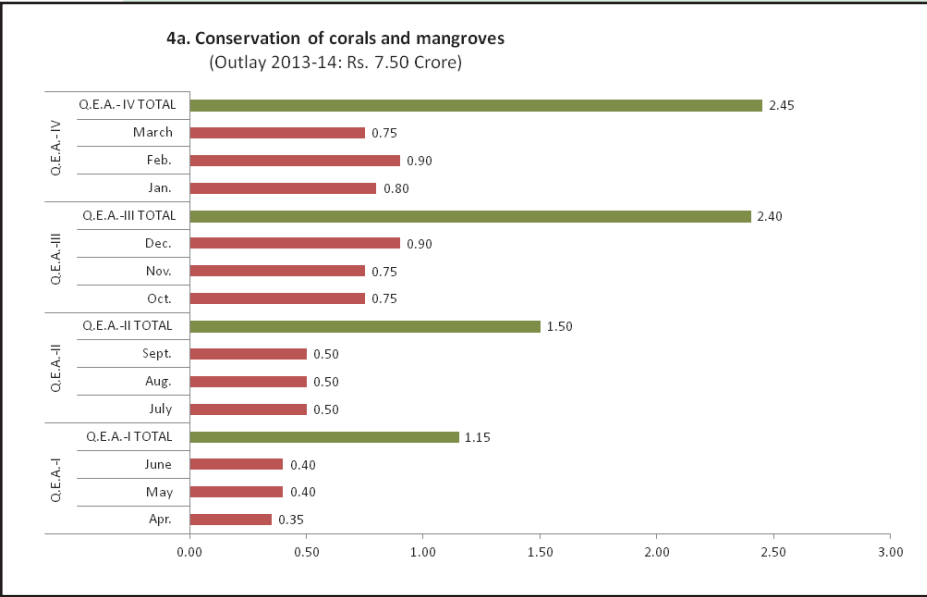
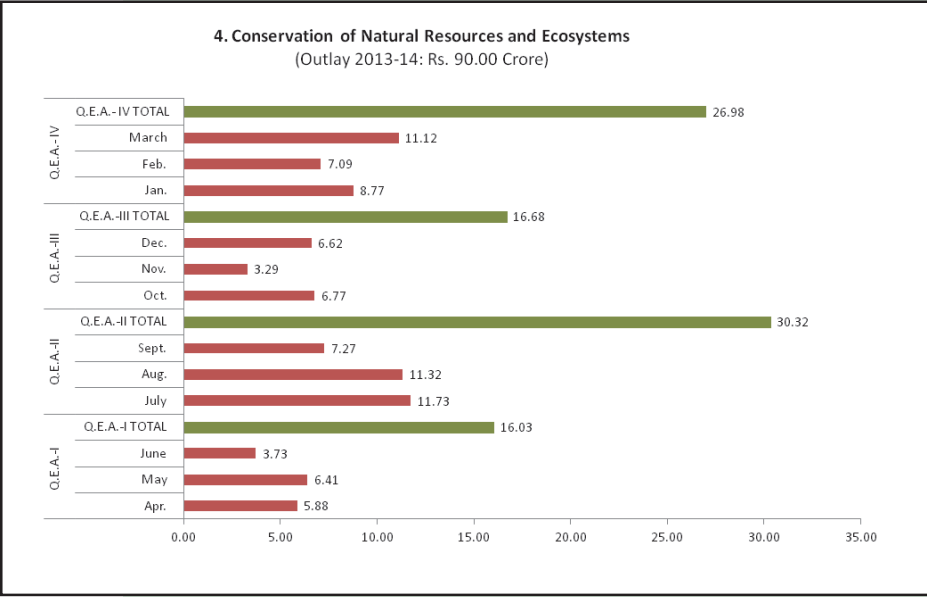


**3g. National Natural Resource Management Scheme**  
(Outlay 2013-14: Rs. 5.00 Crore)



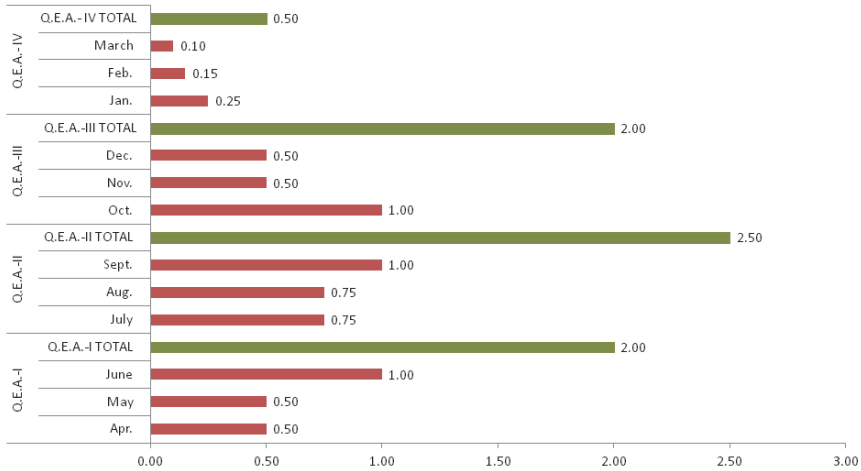
**3h. Research & Development**  
(Outlay 2013-14: Rs. 10.50 Crore)



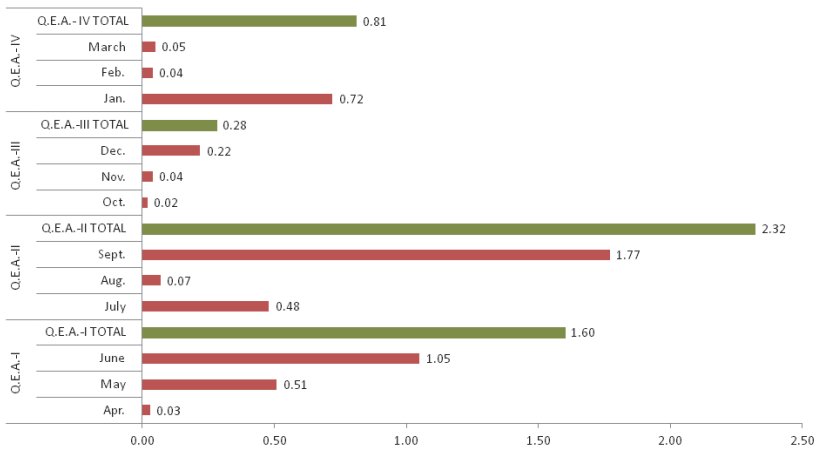




**4b. Biosphere Reserves**  
(Outlay 2013-14: Rs. 7.00 Crore)

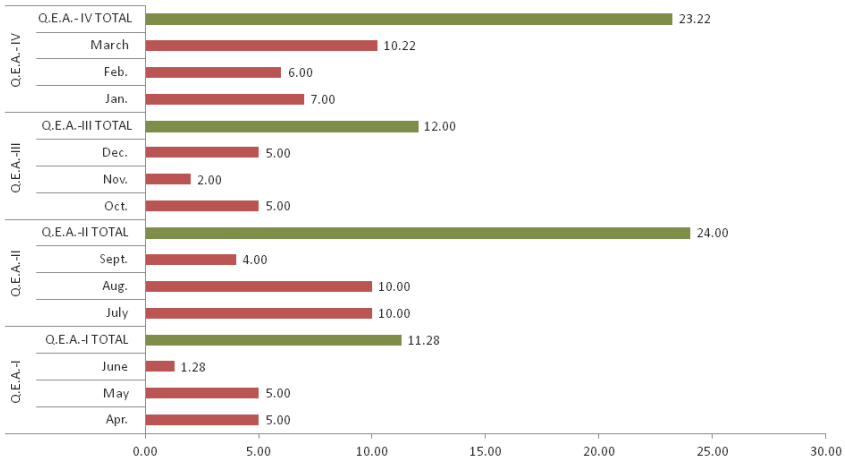


**4c. Bio-diversity Conservation and Rural Livelihood Improvement**  
(Outlay 2013-14: Rs. 5.00 Crore)

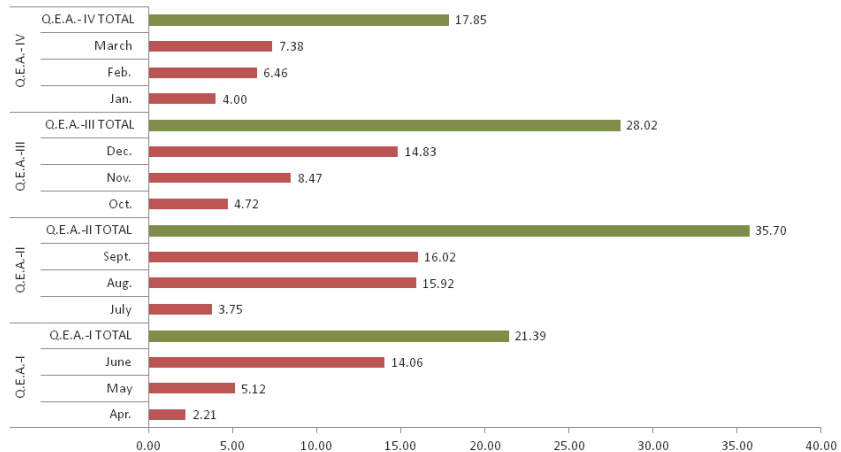




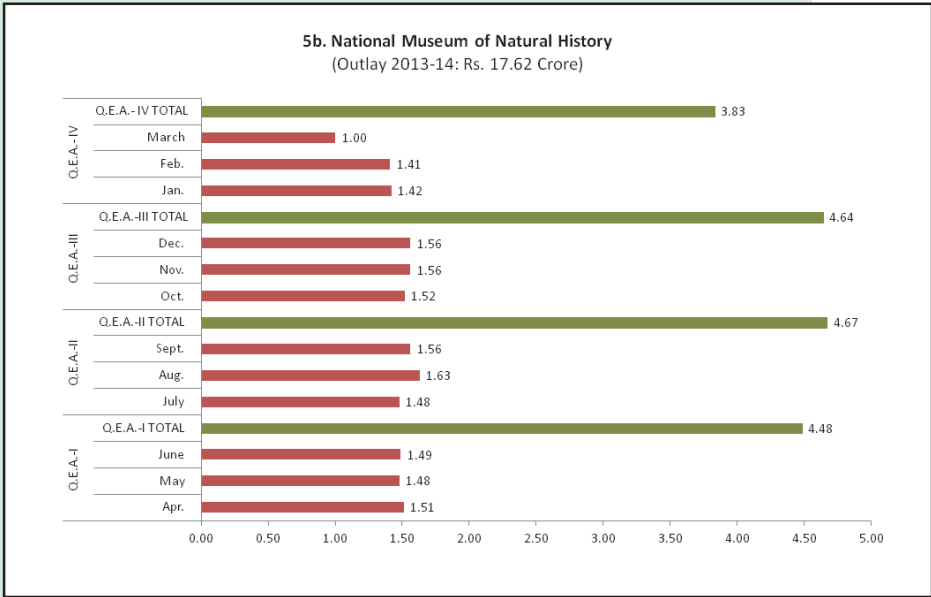
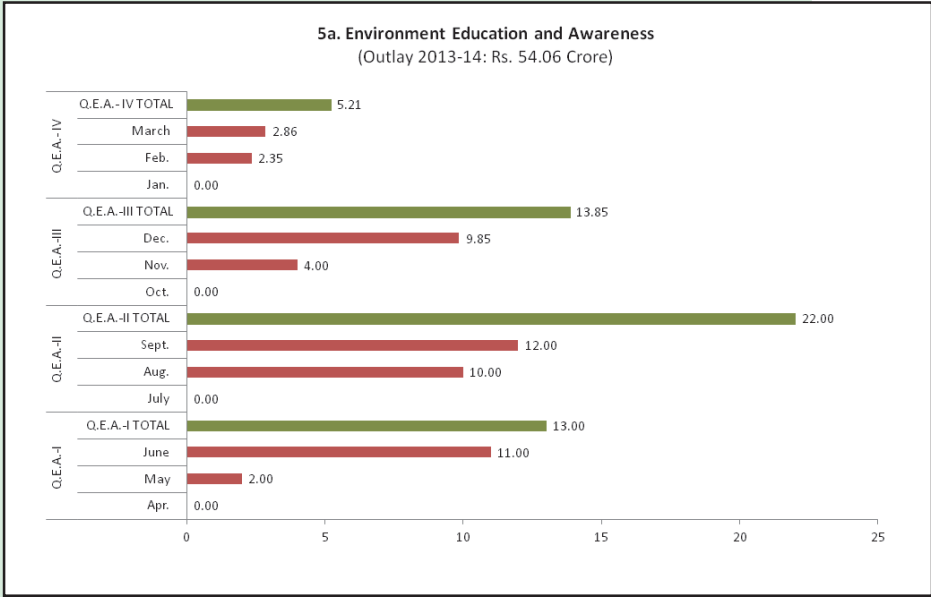
**4d. National Plan for Conservation of Aquatic Eco-Systems**  
(Outlay 2013-14: Rs. 70.50 Crore)

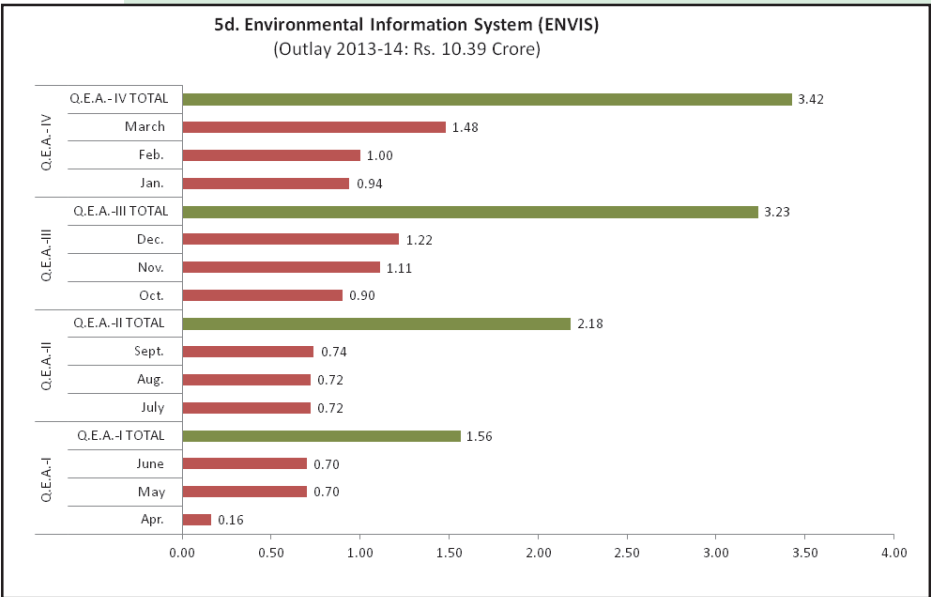
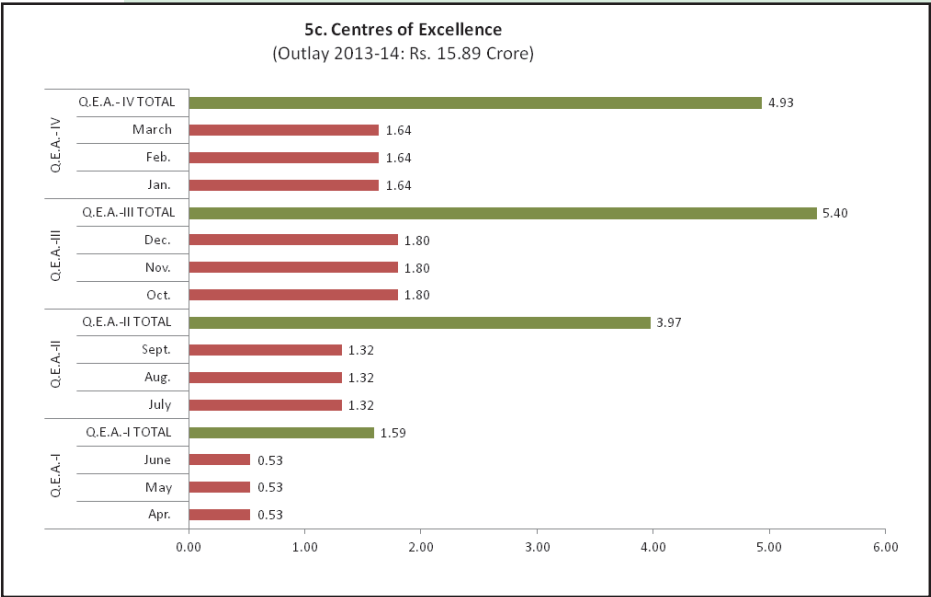


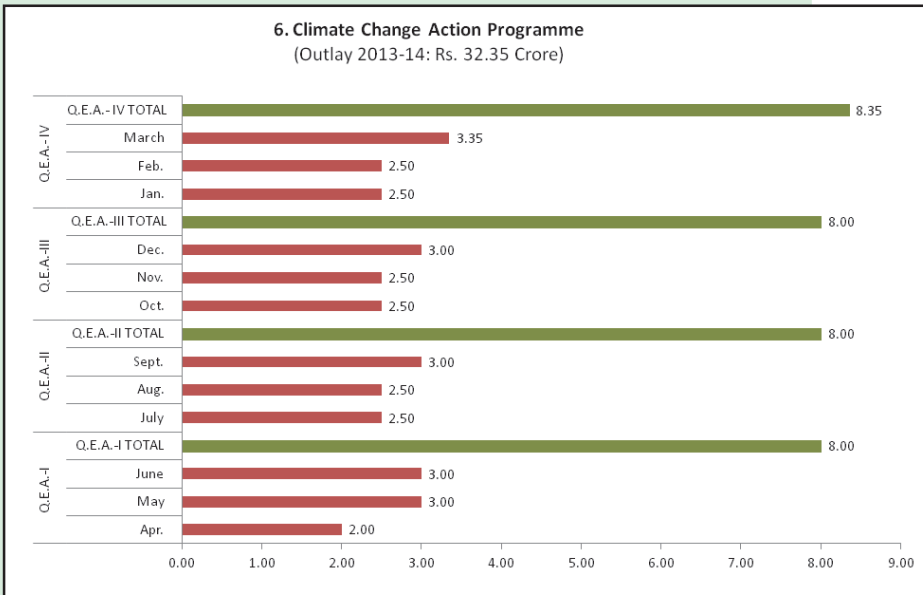
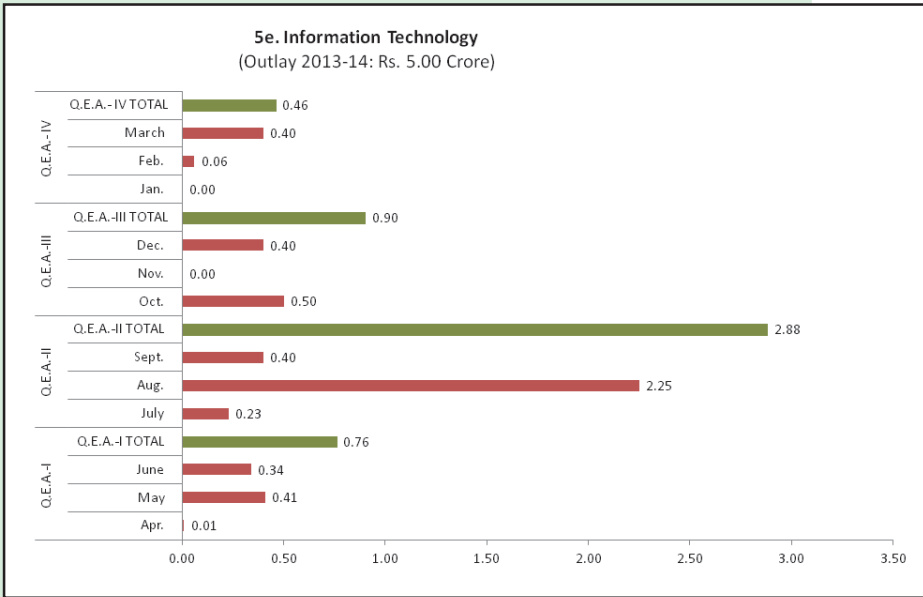
**5. Environment Information, Education & Awareness**  
(Outlay 2013-14: Rs. 102.96 Crore)

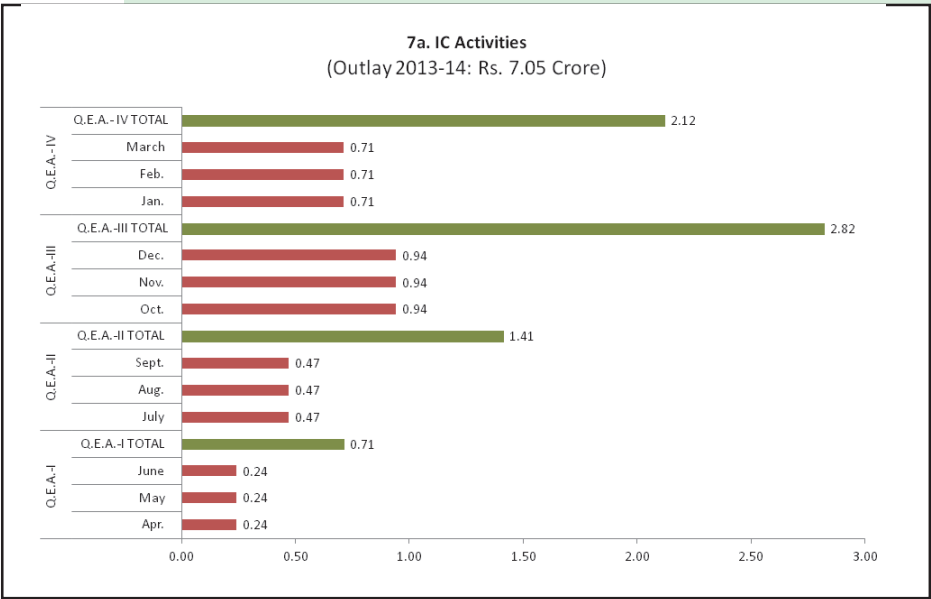
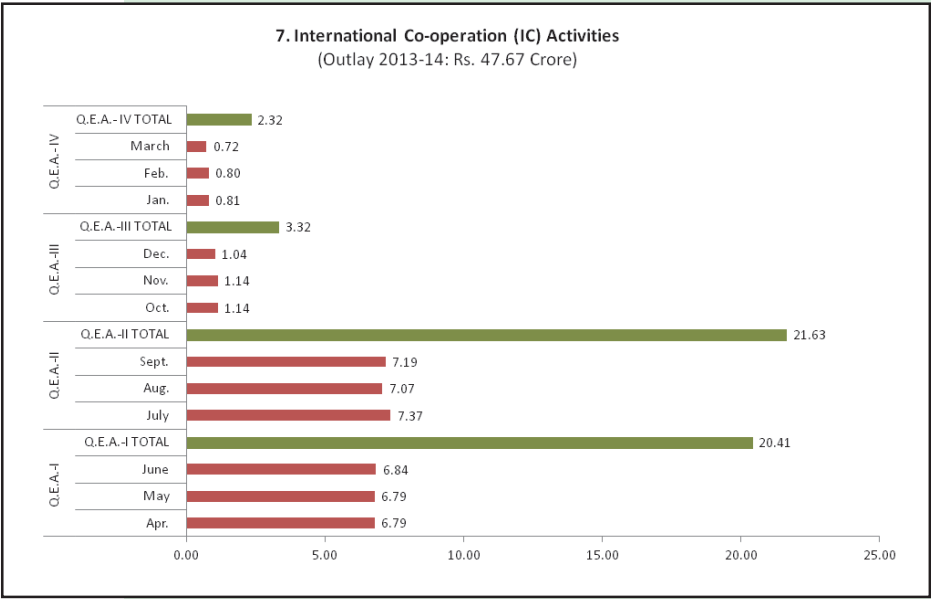






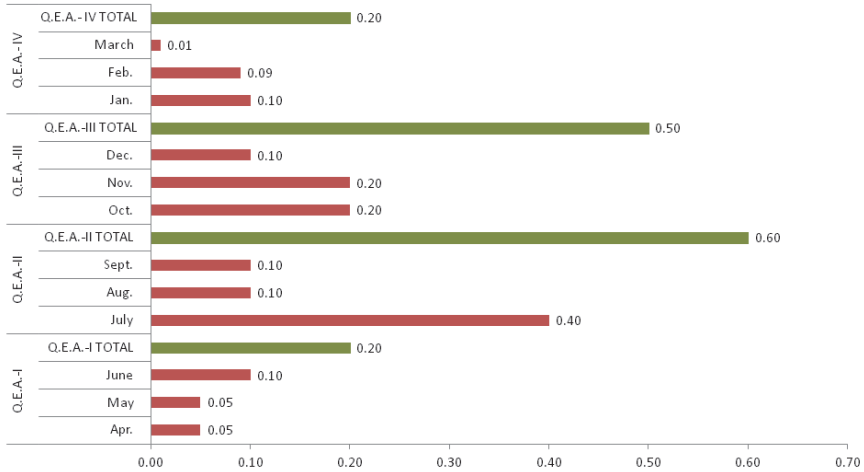




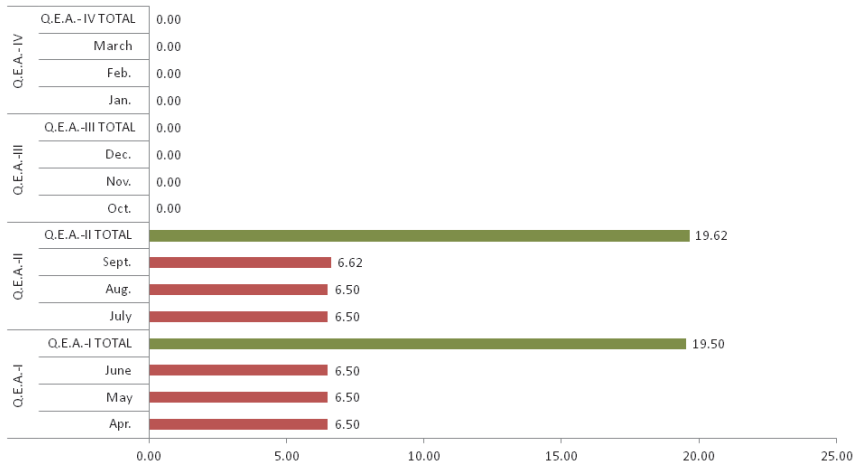


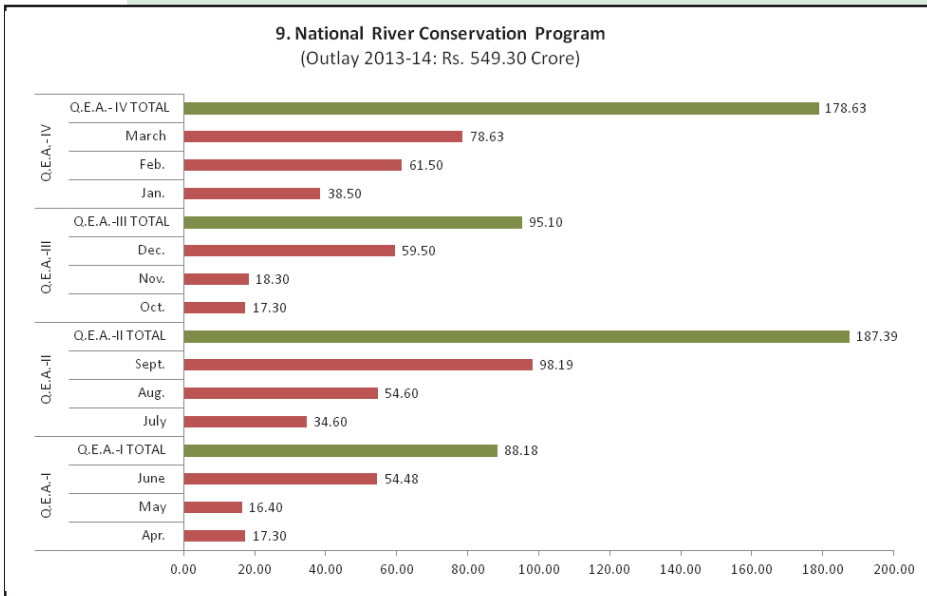
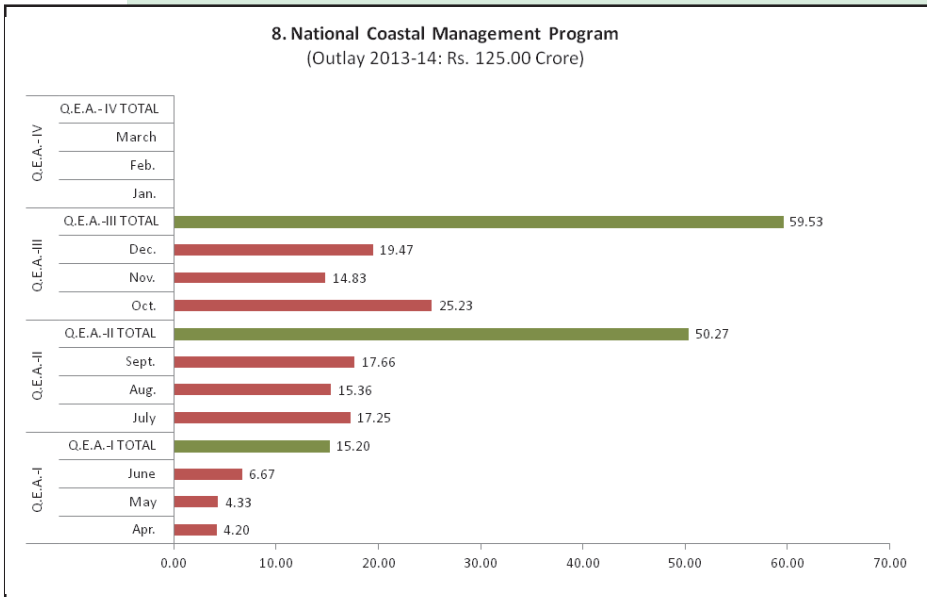


**7b. Desertification Cell**  
(Outlay 2013-14: Rs. 1.50 Crore)



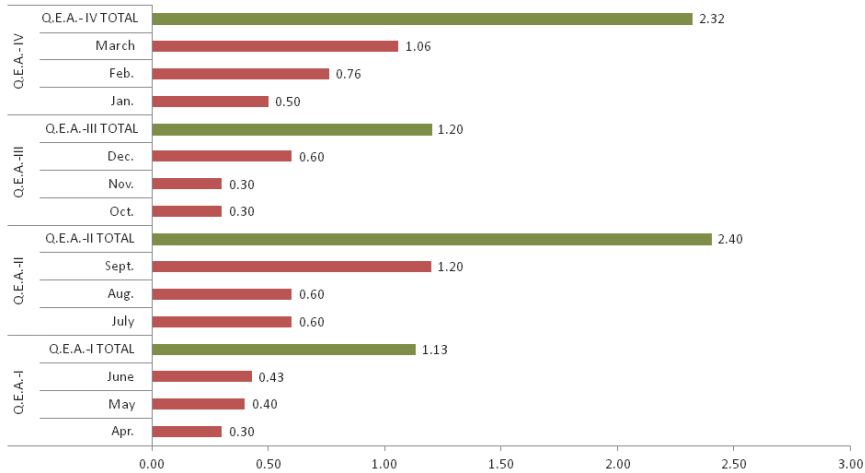
**7c. Office Building (CCU)**  
(Outlay 2013-14: Rs. 39.12 Crore)



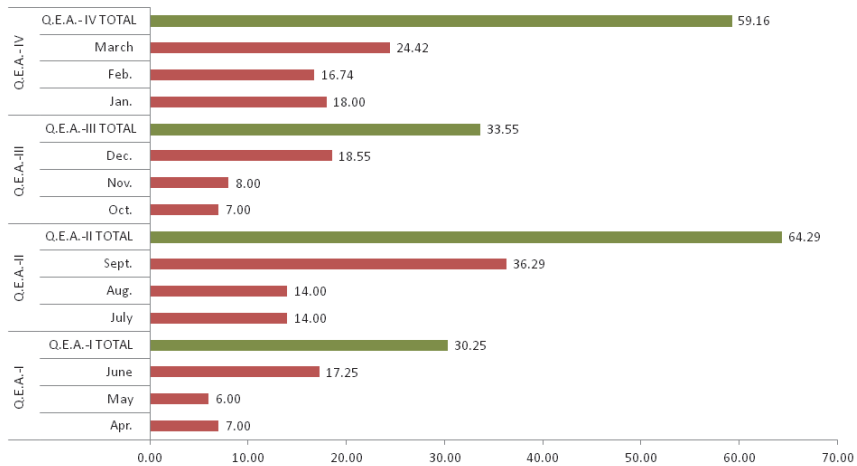




**9a. National River Conservation Department (NRCD)**  
(Outlay 2013-14: Rs. 7.05 Crore)



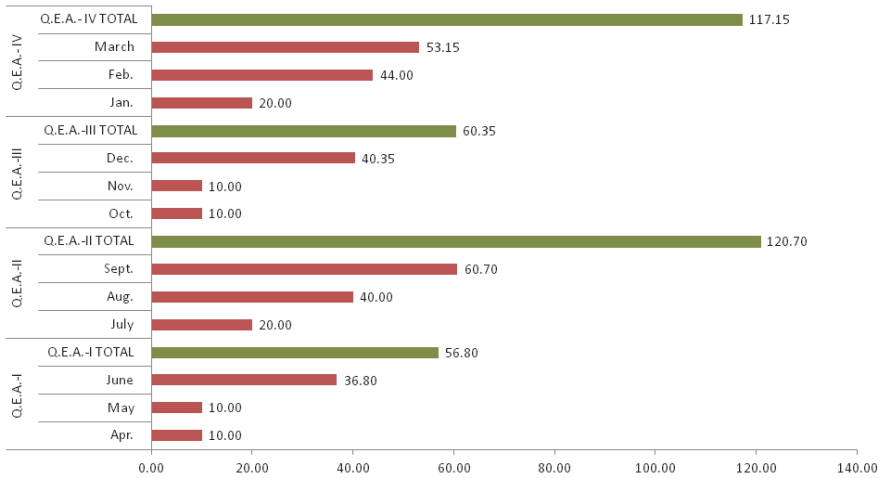
**9b. National River Conservation Plan (NRCP)**  
(Outlay 2013-14: Rs. 187.25 Crore)





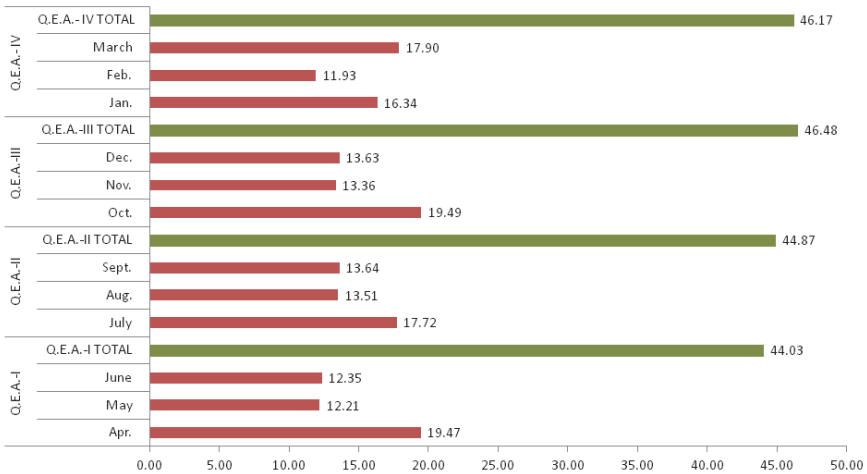
### 9c. National Ganga River Basin Authority (NGRBA)

(Outlay 2013-14: Rs. 355.00 Crore)

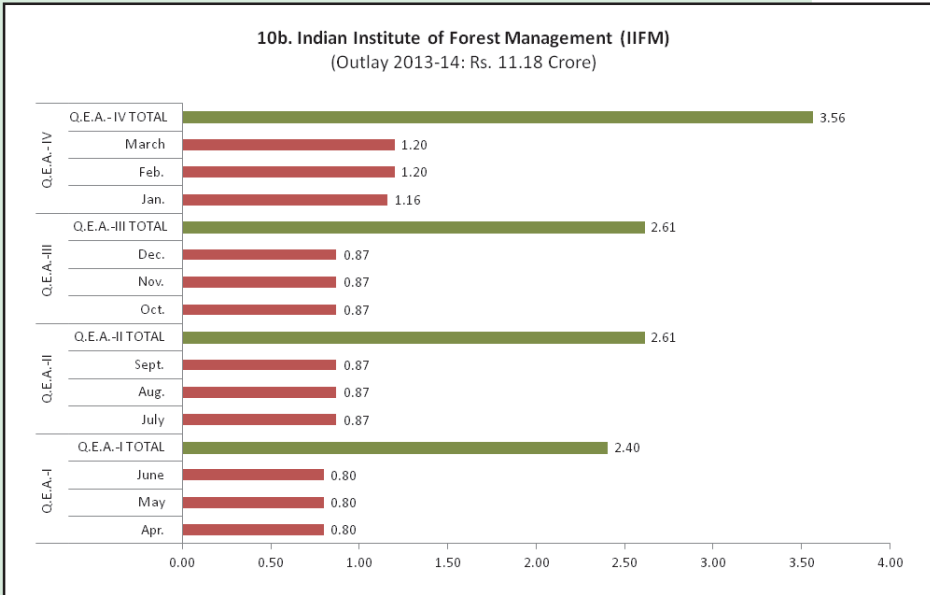
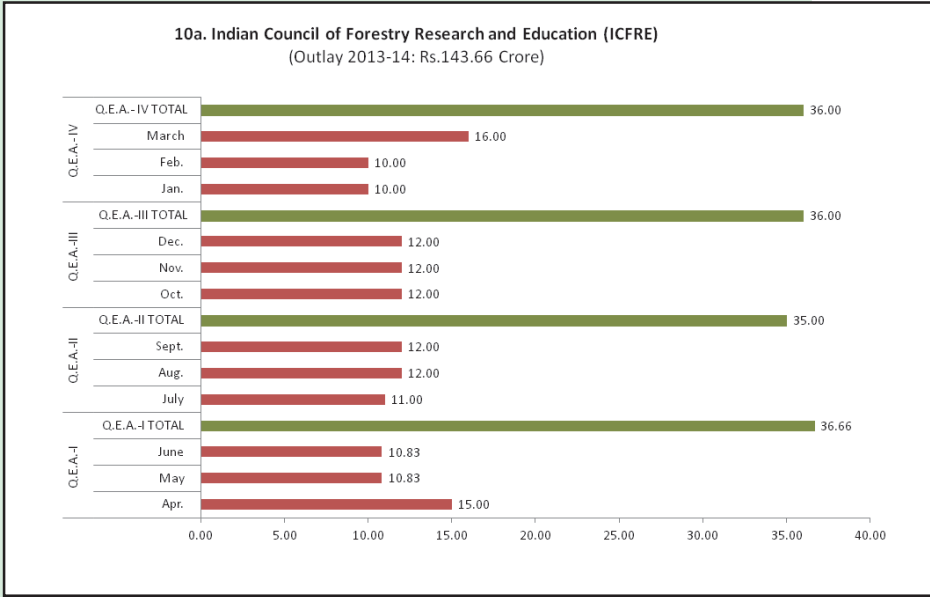


### 10. Grants-in-aid to Forestry & Wildlife Institutions

(Outlay 2013-14: Rs. 181.54 Crore)

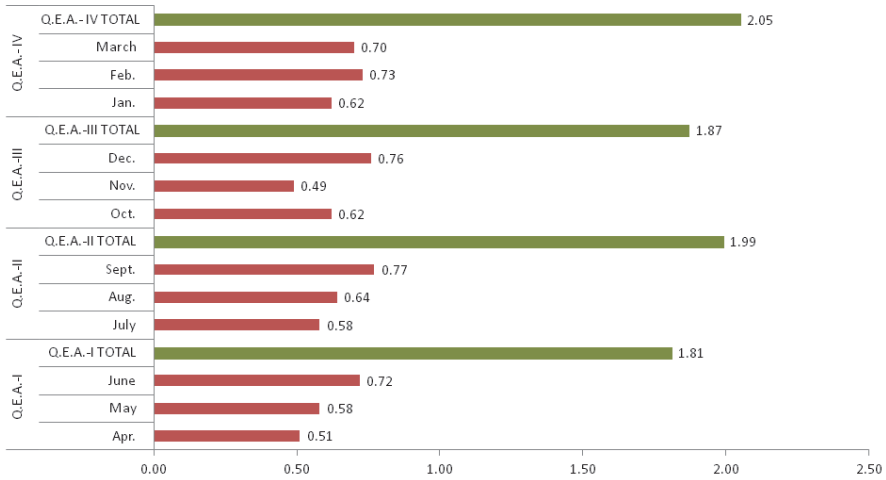




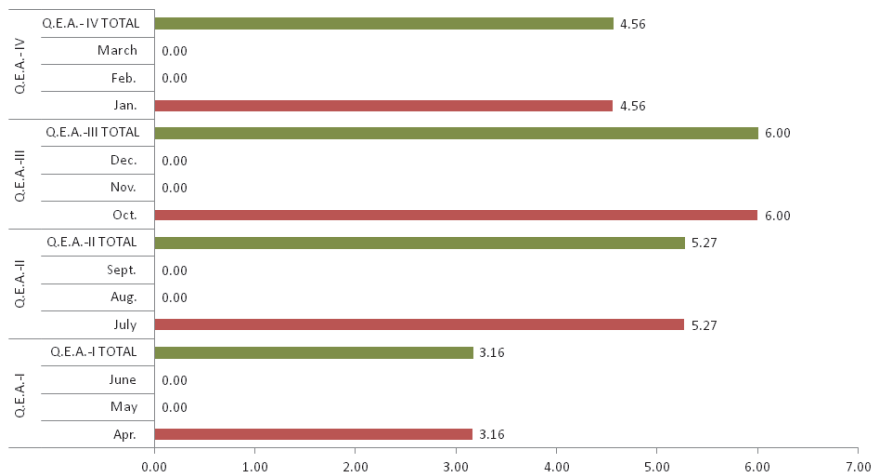


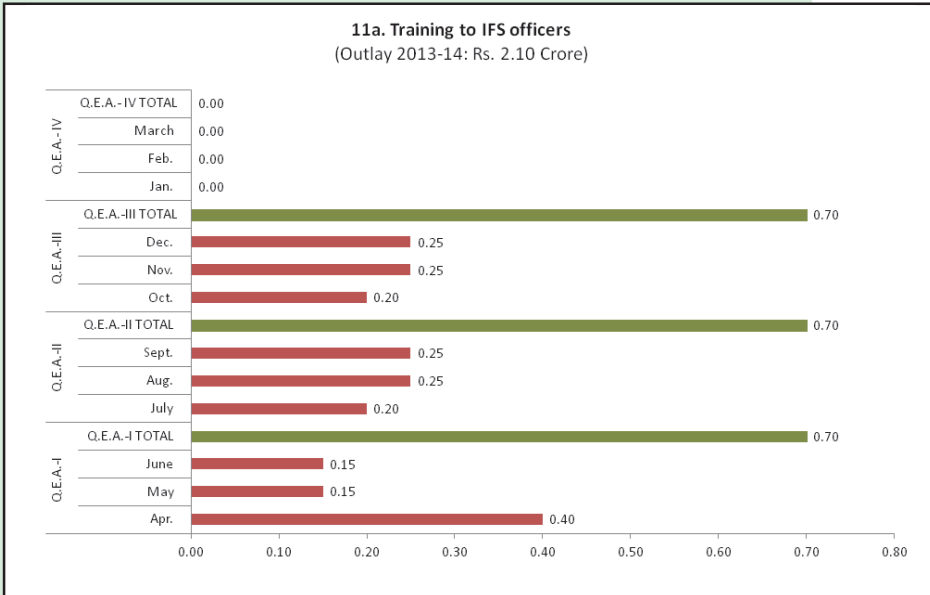
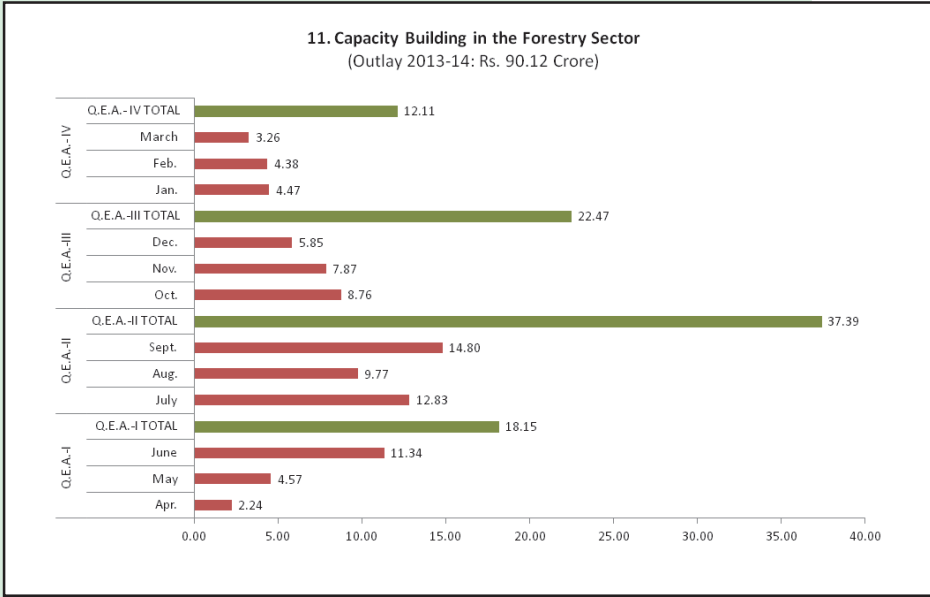


**10c. Indian Plywood Industries Research & Training Institute (IPIRTI)**  
(Outlay 2013-14: Rs. 7.72 Crore)



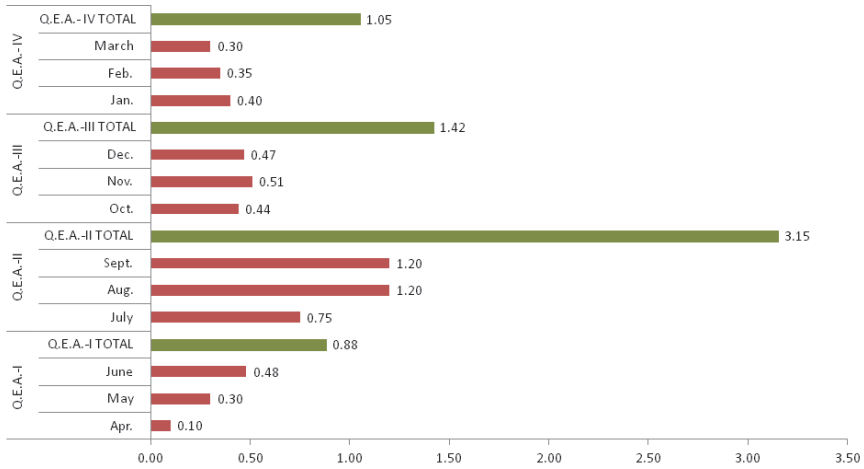
**10d. Wildlife Institute of India (WII)**  
(Outlay 2013-14: Rs. 18.99 Crore)



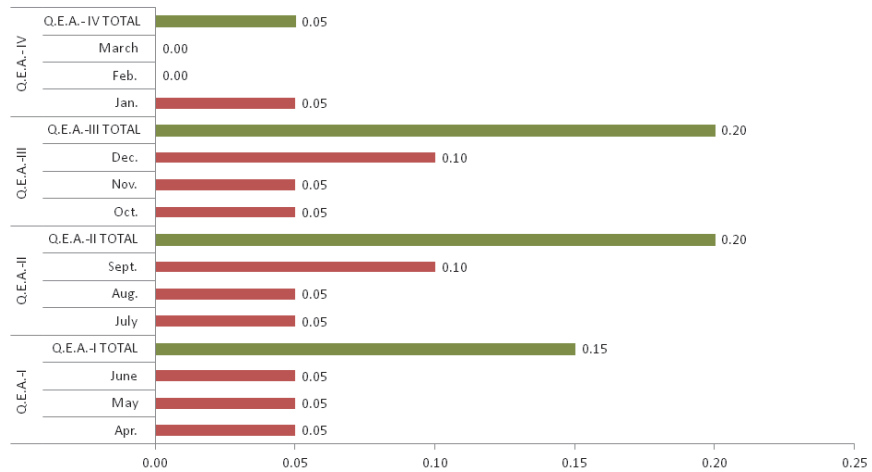




**11b. Directorate of Forestry Education (DFE)**  
(Outlay 2013-14: Rs. 6.50 Crore)

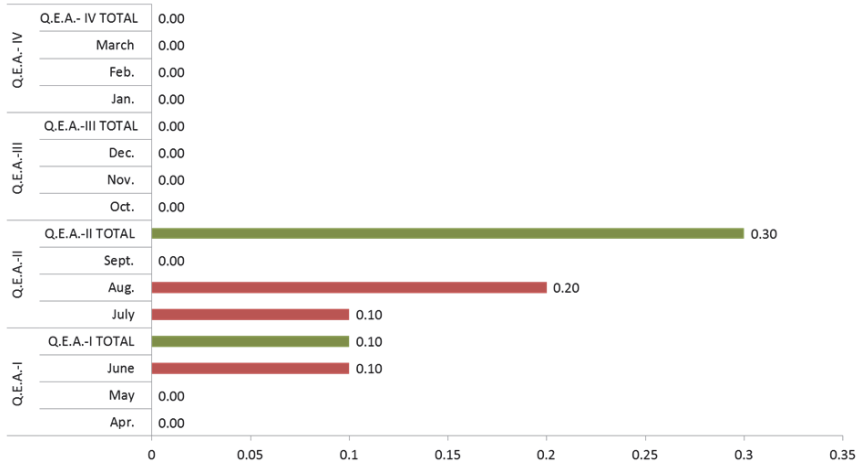


**11c. Training of Personnel of other services**  
(Outlay 2013-14: Rs. 0.60 Crore)

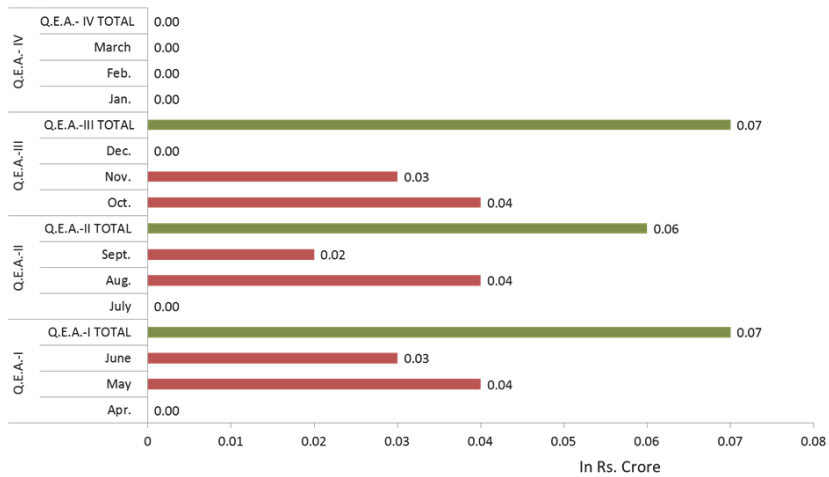




**11d. Foreign Training of Forestry Personnel**  
(Outlay 2013-14: Rs. 0.40 Crore)

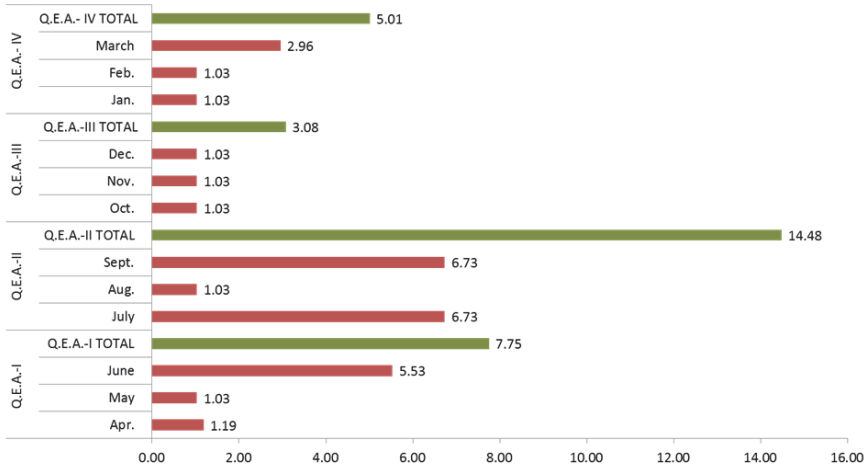


**11e. Training of other Stakeholders**  
(Outlay 2013-14: Rs. 0.20 Crore)

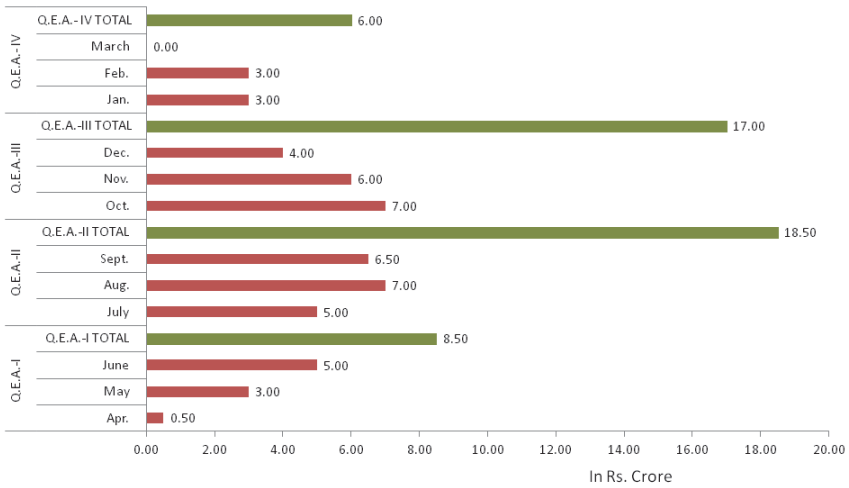




**11f. Indira Gandhi National Forest Academy (IGNFA)**  
(Outlay 2013-14: Rs. 30.32 Crore)

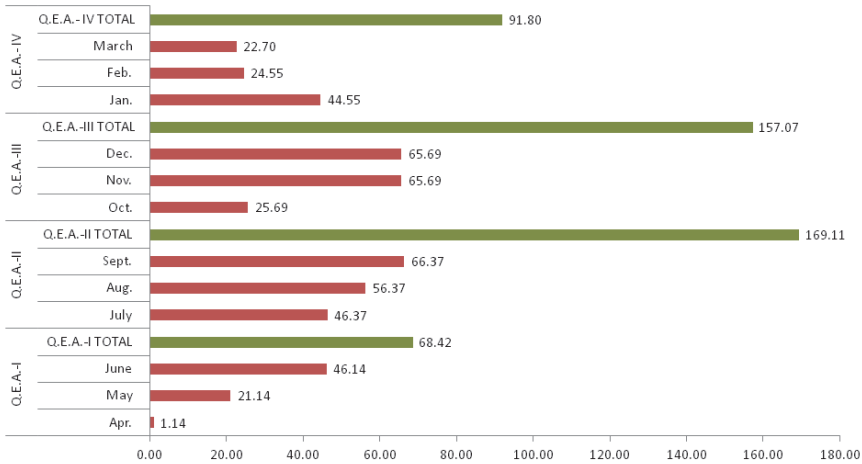


**11g. Capacity Building for Forest Management/ Training of Personnel**  
(Outlay 2013-14: Rs. 50.00 Crore)

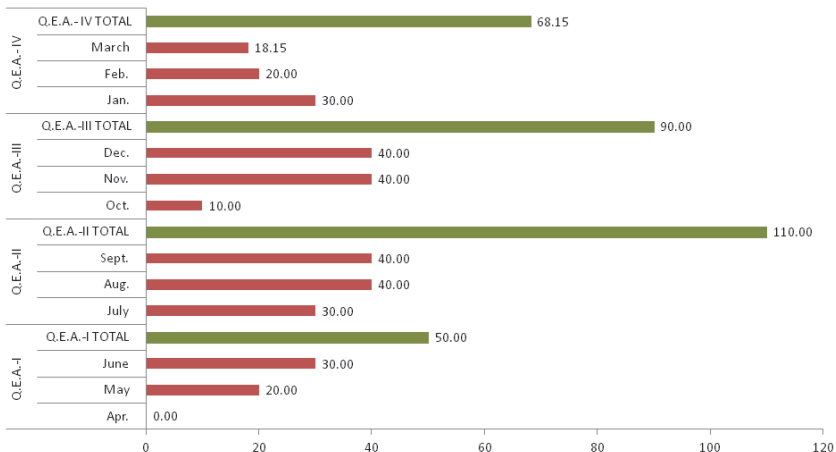




**12. Afforestation & Forest Management**  
(Outlay 2013-14 : Rs.486.40 Crore)

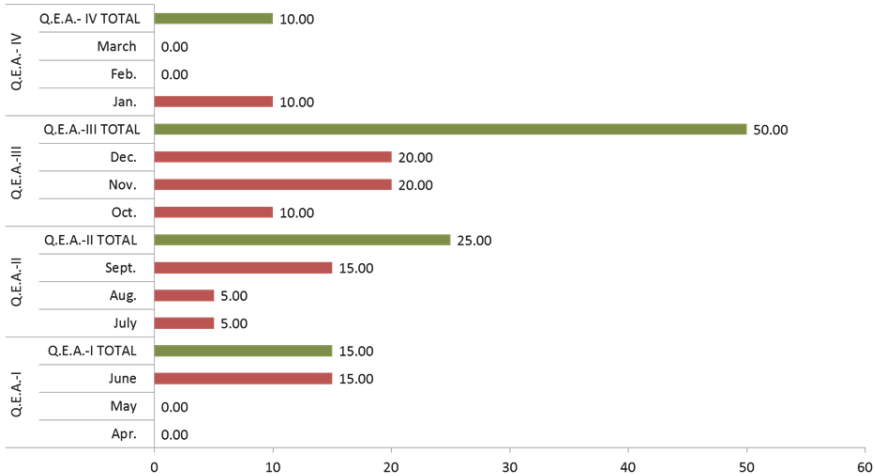


**12a. National Afforestation Programme (NAP)**  
(Outlay 2013-14: Rs. 318.15 Crore)

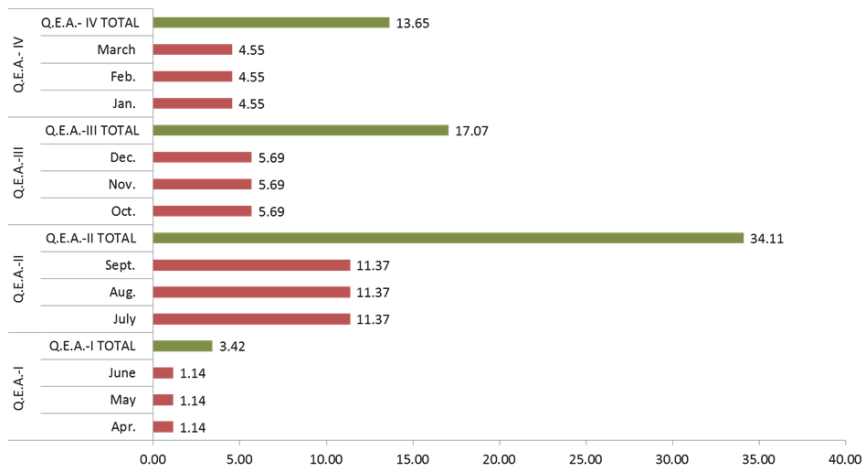




**12b. Green India Mission (GIM)**  
(Outlay 2013-14: Rs. 100.00 Crore)



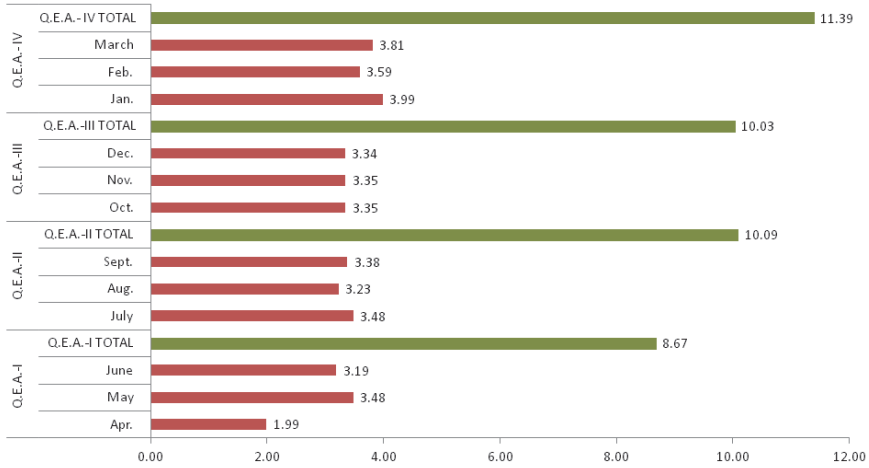
**12c. Intensification of Forest Management Scheme (IFMS)**  
(Outlay 2013-14: Rs. 68.25 Crore)



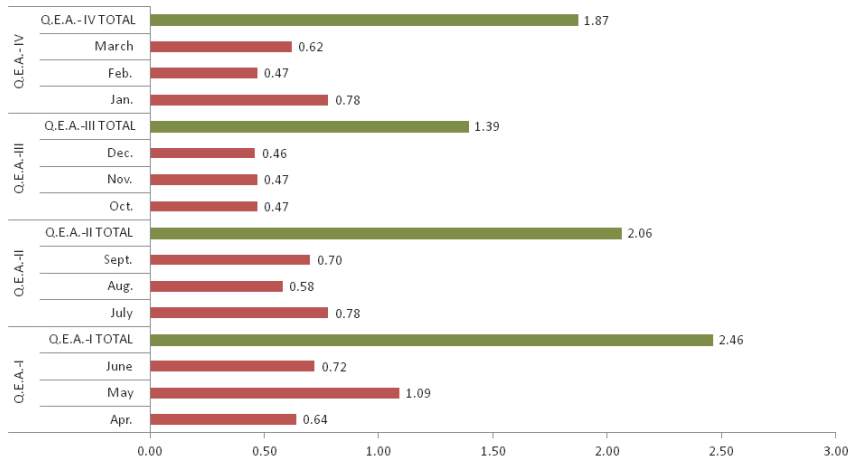




**13. Strengthening Forestry Divisions**  
(Outlay 2013-14: Rs. 40.18 Crore)

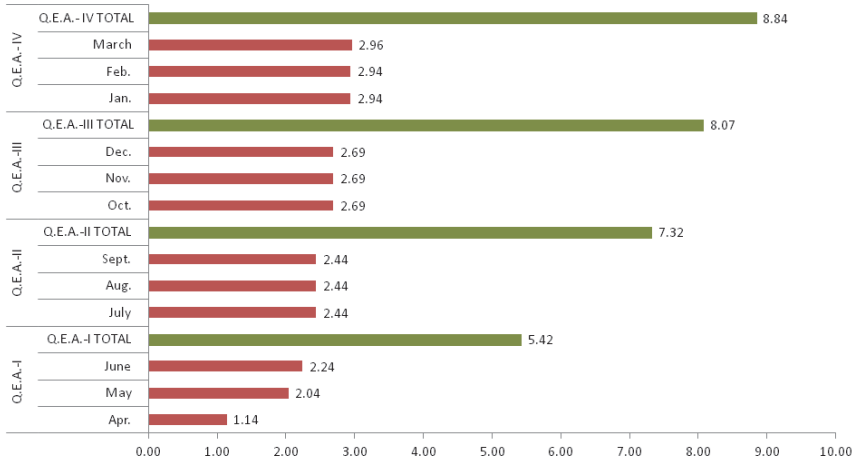


**13a. Forest Survey of India (FSI)**  
(Outlay 2013-14: Rs. 7.78 Crore)

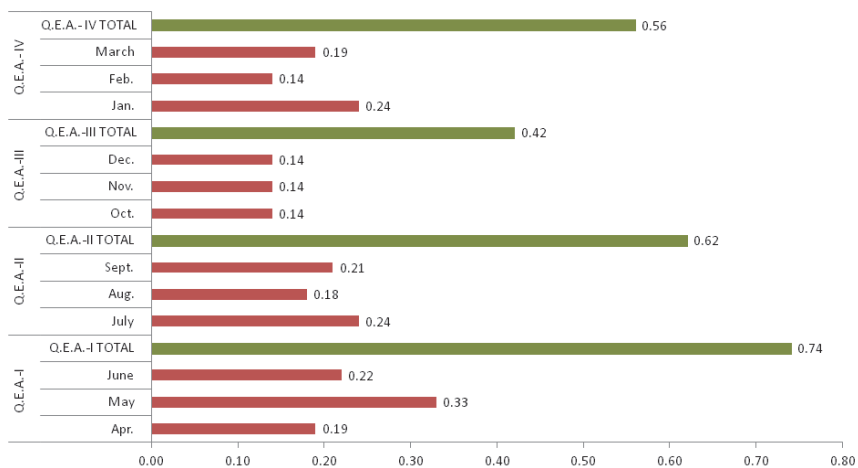




**13b. Strengthening of Regional Offices (ROs)**  
(Outlay 2013-14: Rs. 29.65 Crore)

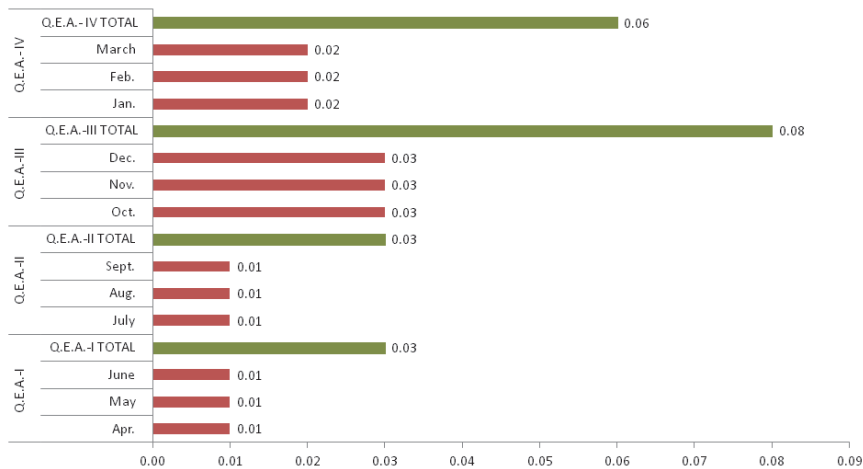


**13c. National Forestry Information System (NFIS)**  
(Outlay 2013-14: Rs. 2.35 Crore)

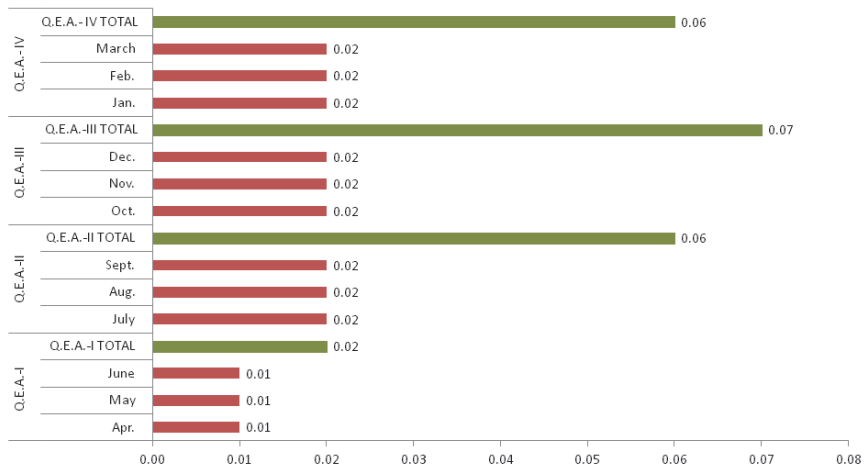


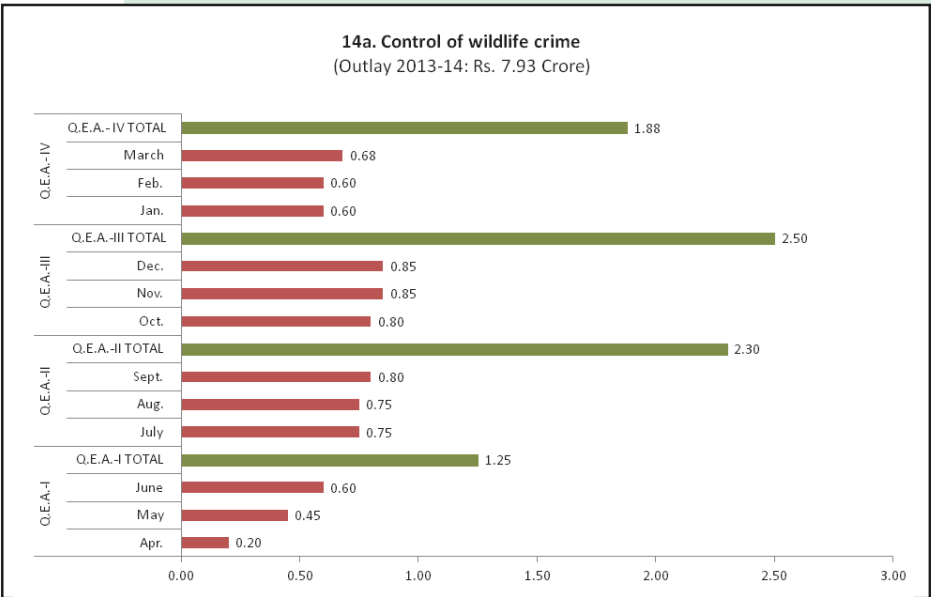
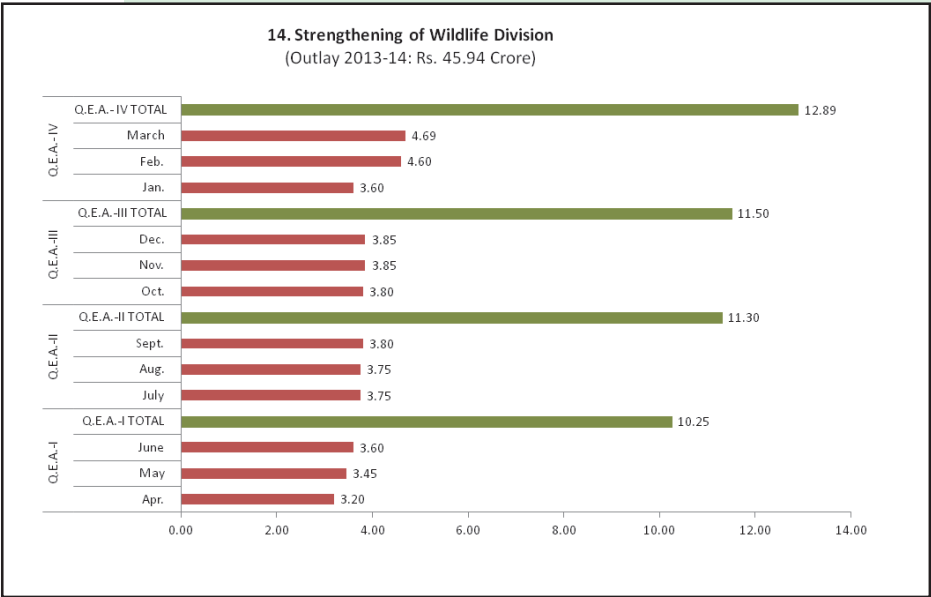


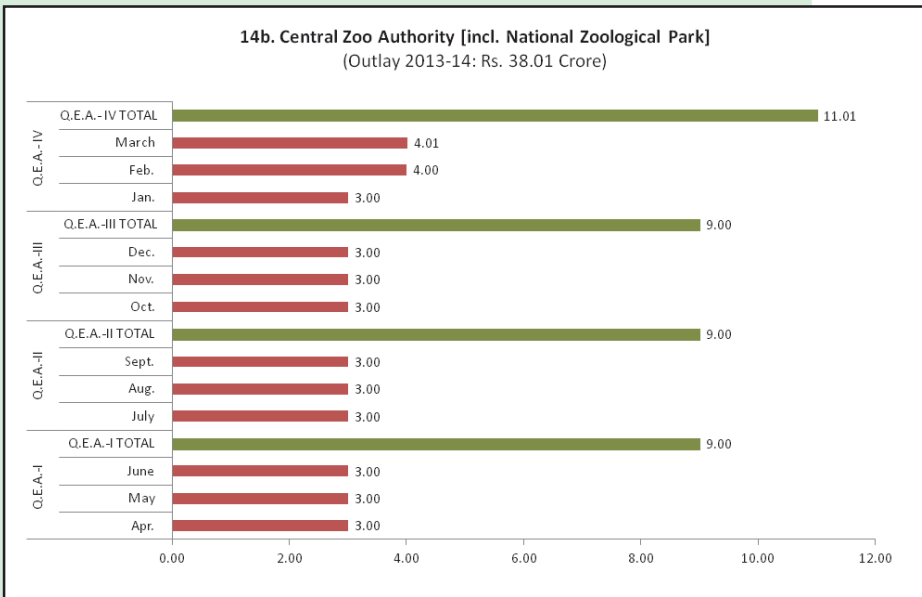
**13d. National Coordinated Programme for NTFP Resources**  
(Outlay 2013-14: Rs. 0.20 Crore)



**13e. Certification Programme for Wood & Non-Wood Forest Resources**  
(Outlay 2013-14: Rs. 0.20 Crore)

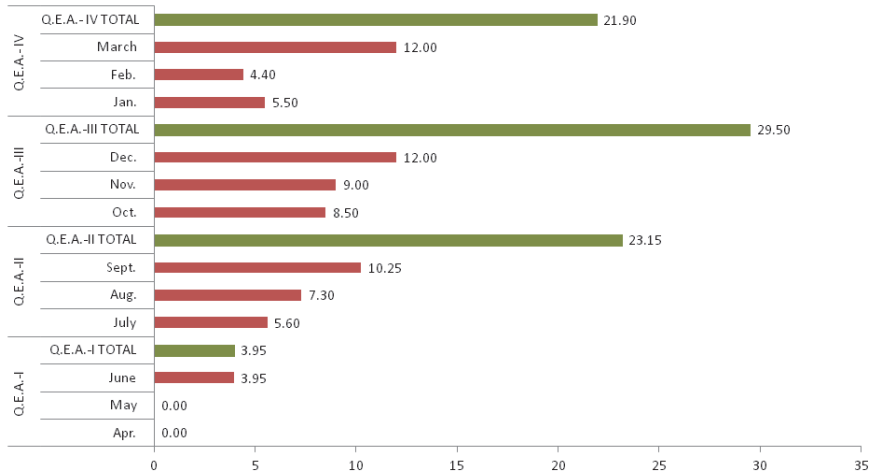




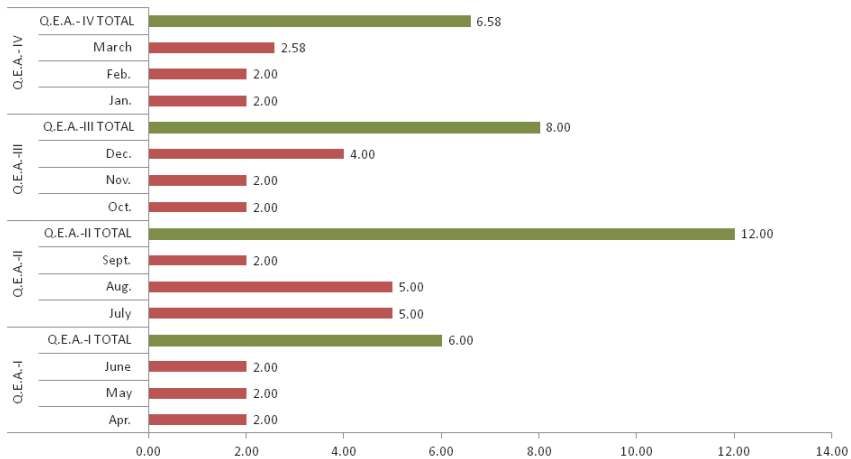




**15a. Integrated Development of Wildlife Habitats**  
(Outlay 2013-14: Rs. 78.50 Crore)

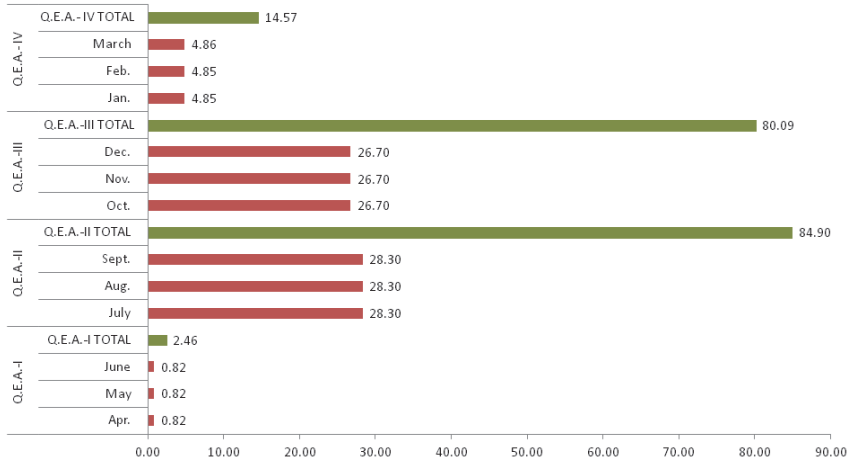


**15b. Project Elephant**  
(Outlay 2013-14: Rs. 32.58 Crore)

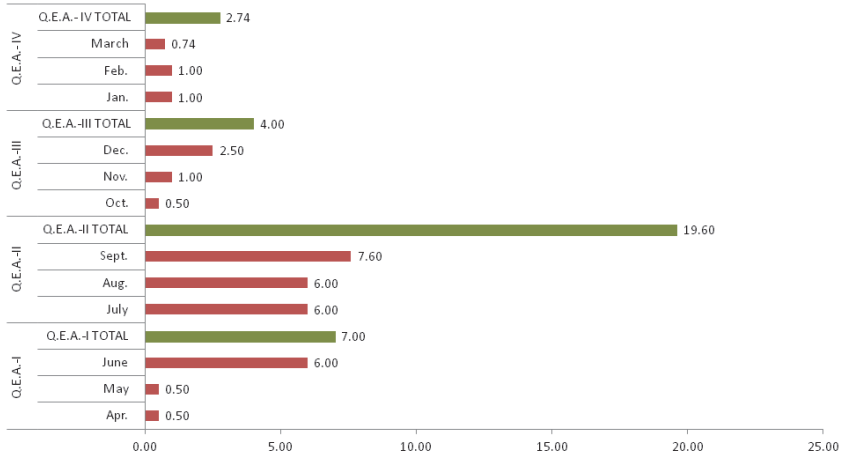




**16. Project Tiger**  
(Outlay 2013-14: Rs. 182.02 Crore)

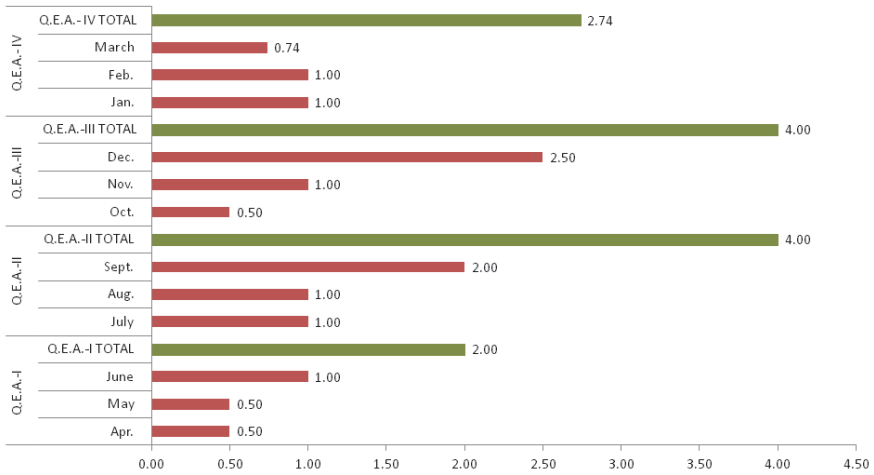


**17. National Afforestation & Eco-Development Board (NAEB)**  
(Outlay 2013-14: Rs.33.34 Crore)





**17a. NAEB (Component)**  
(Outlay 2013-14: Rs. 12.7 Crore)



**17b. Eco-task force**  
(Outlay 2013-14: Rs. 20.60 Crore)

