

FORESTRY AND WILDLIFE

Forest is the basis of life which contributes towards environmental, economical & socio economical. Sustainable Management of Forest has been recognized in the Earth summit at Rio and it has been stressed the need for enhancing the tree cover of 25% in the year 2007 and to 33% by 2012 to combat the global warming.

During 2007-08, afforestation in urban rural areas, waste lands, tank beds, banks of rivers, canals, roadside and coastal areas, creation of coastal shelterbelt plantation in Coastal areas and sand dune stabilization, creation of mangrove plantation in the back water areas are thrust areas. Plantation in industrial sites and tree plantation in the farmer's fields will be undertaken.

In order to maximize the production / yield in farm land available improved varieties of plants, clonal and high yielding varieties are to be distributed to the farmers and more area will be brought under the tree cover to achieve the 33% tree cover by 2012. Parks and gardens will be developed in the urban areas as well as rural areas to add green cover and serve dual purpose educative and recreational.

For effective protection and conservation of wildlife and prevent poaching and hunting by Narikurava community an Eco-development project has been formulated. It is proposed that an arboretum comprises of more than 100 species of tree varieties at Manapet and a Botanical Garden will developed at Karaikal as ex-situ conservation proposed under the International bio-diversity convention. To encourage Eco-tourism and attract tourists, developments of Ossudu, Manapet and Thengaithittu Mangroves areas are essential. To motivate the student on Forests and Wildlife Conservation and farmers on Agro-forestry educational tours are arranged to National Parks and Sanctuaries and Forest Research Institute.

It is also proposed to set up Bio-diversity Council, Museum at Swedeshee-Barathi mill campus, Puducherry, recreational parks at Karaikal and Yanam. Financial assistance will be given to promoters who are planting trees in Panchayats.

OUTLAY AT A GLANCE

Sector : FORESTRY AND WILDLIFE

No. of Schemes : 5

Department : FORESTS AND WILDLIFE

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	500.00
Annual Plan 2002-05 Actual Expenditure	:	335.54
Annual Plan 2005-06 Actual Expenditure	:	341.29
Annual Plan 2006-07 Approved Outlay	:	142.00
Annual Plan 2006-07 Revised Outlay	:	142.00
Eleventh Five Year Plan 2007-12 Proposed Outlay	:	1,898.00
Annual Plan 2007-08 Proposed Outlay	:	215.00

(Rs. in lakh)

Sl. No.	Name of Scheme	Annual Plan 2005-06	Annual Plan 2006-07		Eleventh Plan 2007-12	Annual Plan 2007-08
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Social Forestry in Panchayats	91.09	99.70	99.70	800.00	108.00
2.	Preservation, Conservation, Protection and Development of Forests and Wildlife	9.17	14.80	14.80	398.00	12.00
3.	Forestry Extension and Implementation of Improved Technologies.	2.57	7.50	7.50	150.00	5.00
4.	Strengthening of the Directorate of Forests and Wildlife.	24.46	20.00	20.00	250.00	50.00
5.	Creation of infrastructural facilities in Tsunami affected areas (Bio-Wall Plantations)	214.00	--	--	300.00	40.00
Total		341.29	142.00	142.00	1,898.00	215.00

Scheme No. 1

Sector : FORESTRY & WILDLIFE

Implementing Department : FORESTS AND WILDLIFE

1. Name of the Scheme : Social Forestry in Panchayats**2. Objective of the Scheme** :

The main objective of the scheme is to provide afforestation activity outside existing forests in urban and rural areas including planting in residential areas, avenue plantations, plantations on unproductive lands etc. as well as for distribution of seedlings to private individuals, institutions, government departments, corporate bodies etc., for creating plantations on private lands and to educate, motivate and involve people in massive afforestation.

(Rs. in lakh)

3. Tenth Plan 2002-07**(a) 2002-05 (Actual Expenditure)** : **244.76****(b) 2005-06 (Actual Expenditure)** : **91.09****(c) 2006-07 (Approved Outlay)** : **99.70****(d) 2006-07 (Revised Outlay)** : **99.70****(e) Actual Physical Achievement (2002-05)** :

- i. 153 ha. of plantations was created and maintained.
- ii. 118 ha. of Bio-wall plantations created and maintained.
- iii. 12 SHG's nurseries established.
- iv. 15,000 nos. of tree seedling was planted along the roads

(f) Actual Physical Achievement (2005-06) :

- i. 25 ha. of plantations was created and maintained.
- ii. 128 ha. of Bio-wall plantations created and maintained.
- iii. 2 nos. of recreational parks created.
- iv. 2,00,000 nos. of tree seedling was planted along the roads

(g) Anticipated Physical Achievement (2006-07) :

- i. 6 ha. will be planted at Manapet.
- ii. 1000 nos. of tree saplings will be planted along the roadsides.
- iii. 3,00,000 nos. of seedlings will be raised in the nurseries for the plantation work and for public distribution.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : **800.00****Proposed Outlay for the Annual Plan (2007-08)** : **108.00**

5. Programme envisaged for the Eleventh Plan (2007-12) :

- i. To assist casuarinas growing farmers with seedlings for 50 ha every year
- ii. To develop fodder plantations along the river banks 5 ha. every year.
- iii. To create plantations in the lakes of Puducherry for 10 ha. every year.
- iv. To plant tree seedlings along the road sides every year
- v. To distribute seedlings to Public.
- vi. Creation of Parks and Gardens
- vii. Creation of green belt in and around industrial areas.
- viii. Creation of arboretum at Manapet with varieties of trees species, Bamboosatum, Palmatum etc.,
- ix. Creation of Botanical Garden at Karaikal by acquisition of land.

6. Programme envisaged for the Annual Plan (2007-08) :

- i. To assist casuarinas growing farmers with seedlings for 50 ha
- ii. To develop fodder plantations along the river banks 5 ha.
- iii. To create plantations in the lakes of Puducherry for 10 ha.
- iv. To plant tree seedlings along the road sides
- v. To distribute seedlings to Public.
- vi. Creation of Parks and Gardens
- vii. Creation of arboretum at Manapet with varieties of trees species, Bamboosatum, Palmatum etc.,
- viii. Creation of Botanical Garden at Karaikal by acquisition of land.

7. Remarks : Continuing Scheme

Scheme No. 2

Sector : FORESTRY & WILDLIFE

Implementing Department : FORESTS AND WILDLIFE

1. Name of the Scheme : Preservation, Conservation, Protection and Development of Forests and Wildlife.

2. Objective of the Scheme :

The main objective of the scheme is to provide for survey, identification and demarcation of the existing forests and wildlife resources in the Union Territory and preparation and implementation of management plans for conservation of such resources. This scheme also provides for anti-poaching, anti-smuggling and preventive activities of the directorate and grant of reward to informers etc. The scheme also provides for arms and ammunition, communication equipment, GIS, GPS vehicles and other material support required for law enforcement, preventive activities and creation of public awareness for protection of forests and wildlife.

As a measure of protection and development of forests and wildlife this department aims at setting up of eco-tourists centre at Thengaithittu Mangrove vegetation area with a Walkway, Manapet forest land as State Arboretum with Bird Watch Tower and Interpretation Centre, Ossudu as a bird sanctuary and Interpretation Centre, establishment of Forest Museum, setting up of Rescued Centre for rescued wild animals and birds, restoration of Sacred grooves in and around Puducherry, conduct studies on Flora and Fauna of Puducherry, establishing turtle breeding and protection centre, development of

Mangrove vegetation at Yanam, rehabilitation and eco-development of Narikurava community. Finally, setting up of a Forest Development Agency for the effective implementation of the above mentioned schemes.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	30.26
(b) 2005-06 (Actual Expenditure)	:	9.17
(c) 2006-07 (Approved Outlay)	:	14.80
(d) 2006-07 (Revised Outlay)	:	14.80
(e) Actual Physical Achievement (2002-05)	:	

- i. Celebration of Wildlife week (4 regions)
- ii. Organised Educational Tour
- iii. Recreational Parks developed.

(f) Actual Physical Achievement (2005-06)	:	
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- i. Setting up of Recreational Park at Police Complex, Gorimedu
- ii. Celebration of Wildlife Week (4 regions)
- iii. Organised Educational Tour

(g) Anticipated Physical Achievement (2006-07)	:	
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- i. Celebration of Wildlife week (4 regions)
- ii. Organised Educational Tour
- iii. Establishment of Deer/Peacock park in the premises of Forest Department.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	398.00
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Proposed Outlay for the Annual Plan (2007-08)	:	12.00
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5. Programme envisaged for the Eleventh Plan (2007-12) :

- i) Development of Mangrove vegetation at Thengaithittu and developing it as eco- tourist centre with Mangrove Walkway and Boat services.
- ii) Development of Manapet Forests Land as an eco-tourist centre with bird watch tower and interpretation centre.
- iii) To develop a turtle breeding and protection centre.
- iv) To declare Ossudu as a bird sanctuary and develop Ossudu with bird watch tower and interpretation centre.
- v) To establish a Forest Museum.
- vi) To establish a Rescue centre for wild animals and to maintain the rescued animals.
- vii) To develop the Yanam Mangrove vegetation area.
- viii) To train the some of the staffs of this department catch snake.
- ix) To rehabilitate and eco-development of Narikurava community.

- x) To restore sacred groves.
- xi) To establish Forest Development Agency.
- xii) To furnish with tranquilizing equipment and night vision equipments.

6. Programme envisaged for the Annual Plan (2007-08) :

- i. Development of Mangrove vegetation at Thengaithittu and developing it as eco- tourist centre with Mangrove Walkway and Boat services.
- ii. Development of Manapet Forests Land as an eco-tourist centre with bird watch tower and interpretation centre.
- iii. To develop a turtle breeding and protection centre
- iv. To declare Ossudu as a bird sanctuary and develop Ossudu with bird watch tower and interpretation centre.
- v. To establish a Forest Museum.
- vi. To establish a Rescue centre for wild animals and to maintain the rescued animals
- vii. To develop the Yanam Mangrove vegetation area.
- viii. To train the some of the staffs of this department catch snake
- ix. To rehabilitate and eco-development of Narikurava community.
- x. To restore sacred groves.
- xi. To establish Forest Development Agency.
- xii. To furnish with tranquilizing equipment and night vision equipments

7. Remarks : Continuing Scheme

Scheme No. 3

Sector : FORESTRY & WILDLIFE

Implementing Department : FORESTS AND WILDLIFE

1. Name of the Scheme : Forestry Extension and Implementation of Improved Technologies.

2. Objective of the Scheme :

The main objective of the scheme is to provide for training, research and entrepreneurship development components. Under this scheme farmers, other interested persons and staff of forest department will be trained and given orientation to scientific forestry practices by organizing training programmes and field visit. Seed and Germplasm banks, Seed Orchards, Modern nurseries etc. will be established under this scheme. A Geographical Information System and GPS will be created for better management, planning, monitoring and use of land resources and the activities of the department which will be made accessible to public through internet.

Celebration of Vanamahostava, World Forest Day and Wildlife Week to create awareness among the public regarding forest development and wildlife. Preparing extension materials related to Forest and Wildlife, training to the fisherman about the marine wildlife, laying demonstration plots on modern technologies in the farmers field and creation of parks and gardens in Puducherry, Karaikal and Yanam.

(Rs. in lakh)

3. Tenth Plan 2002-07

- (a) 2002-05 (Actual Expenditure) : 30.34
- (b) 2005-06 (Actual Expenditure) : 2.57
- (c) 2006-07 (Approved Outlay) : 7.50
- (d) 2006-07 (Revised Outlay) : 7.50
- (e) **Actual Physical Achievement (2002-05)** :
- i. Vanamahotsava, Wildlife week and World Forest Day are celebrated every year in all the four regions U.T. of Puducherry .
 - ii. Training to farmers at various Research Institute were conducted.
 - iii. Training to farmers were conducted at Puducherry by inviting scientists from various Forest Institutes.
 - iv. Training to staffs on Forestry and nursery management were conducted.
 - v. Seminars to the School Science Teachers.
 - vi. Various competitions like painting, drawing, elocution and quiz programmes for students of schools and college level were conducted.
- (f) **Actual Physical Achievement (2005-06)** :
- i. Training and Entrepreneurship development programmes for Farmers including filed visits.
- (g) **Anticipated Physical Achievement (2006-07)** :
- i. Vanamahotsava, Wildlife week and World Forest Day are celebrated every year in all the four regions U.T. of Puducherry .
 - ii. Training to farmers at various Research Institute were conducted.
 - iii. Training to staffs on Forestry and nursery management were conducted.
 - iv. Seminars to the School Science Teachers.
 - v. Various competitions like painting, drawing, elocution and quiz programmes for students of schools and college level were conducted.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 150.00

Proposed Outlay for the Annual Plan (2007-08) : 5.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

- i. Training to farmers aannual target 4 nos. (1 training at Forests Institute other 3 trainings at Puducherry)
- ii. Training to the staff 2 nos. (1 forestry and 1 wildlife)
- iii. Celebration of Vanamahostava, World Forest Day and Wildlife Week.
- iv. Conduct of wildlife training to the fisherman.
- v. Conduct of demonstration plots in the ryots field 2 nos. per year
- vi. Conduct studies on Fauna and Flora of Puducherry U.T.
- vii. Preparation of the extension materials related to Forest ad Wildlife.
- viii. Creation of parks and gardens.

6. Programme envisaged for the Annual Plan (2007-08) :

- i. Training to farmers annual target 4 nos. (1 training at Forests Institute other 3 trainings at Puducherry)
- ii. Training to the staff 2 nos. (1 forestry and 1 wildlife)
- iii. Celebration of Vanamahostava, World Forest Day and Wildlife week.
- iv. Conduct of wildlife training to the fisherman.
- v. Conduct of demonstration plots in the ryots field 2 nos. per year
- vi. Conduct studies on Fauna and Flora of Puducherry U.T.
- vii. Preparation of the extension materials related to Forest and Wildlife.
- viii. Creation of parks and gardens.

7. Remarks : Continuing Scheme

Scheme No. 4

Sector : FORESTRY & WILDLIFE

Implementing Department : FORESTS AND WILDLIFE

1. Name of the Scheme : Strengthening of the Directorate of Forestry and Wildlife.

2. Objective of the Scheme :

The main objective of the scheme is to strengthen the administrative and technical machinery at the headquarters and offices to have proper planning, monitoring and evaluation of the development programmes and to exercise proper control in the execution of various programmes.

Establishment of forest information centre, Construction of a Seminar hall in the existing office premises and construction of office premises at Karaikal and setting up of a Library and Veterinary clinic for Wildlife animals are other programmes to be undertaken in this scheme.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	30.18
(b) 2005-06 (Actual Expenditure)	:	24.46
(c) 2006-07 (Approved Outlay)	:	20.00
(d) 2006-07 (Revised Outlay)	:	20.00
(e) Actual Physical Achievement (2002-05)	:	

- i. A separate building for the department was constructed.
- ii. Vehicles like One Mini Lorry, One Jeep, One Tractor with Trailer, were purchased.
- iii. Computers are purchased.
- iv. Conference hall was established.

- v. One Computer room for Forest Information Centre was established.
- vi. Land at Thengaithittu for the Mangrove development was surveyed and demarcated.
- vii. Homes for the rescue of rescued animals was constructed.
- viii. Store Room at Mettupalayam Nursery was constructed.

(f) Actual Physical Achievement (2005-06) :

- i. Purchase of vehicles and computers

(g) Anticipated Physical Achievement (2006-07) :

- i. Construction of Seminar Hall in the existing office premises.
- ii. Construction of Store Room at Manapet.
- iii. Construction of house for some more animals.
- iv. Establishment of more mobile squads for the effective implementation of forests laws both at Puducherry and Karaikal.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 250.00

Proposed Outlay for the Annual Plan (2007-08) : 50.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

- i. Setting up of forest information centre.
- ii. Construction of office premises at Karaikal.
- iii. Construction of a seminar hall at the office premises.

6. Programme envisaged for the Annual Plan (2007-08) :

- i. To setup of forest information centre.
- ii. To construct a office premises at Karaikal.
- iii. To construct a seminar hall at the office premises.

7. Remarks : Continuing Scheme

Scheme No. 5

Sector : FORESTRY & WILDLIFE

Implementing Department : FORESTS AND WILDLIFE

1. Name of the Scheme : Creation of infrastructure facilities in Tsunami affected areas (Bio Wall Plantations)

2. Objective of the Scheme :

Due to the Tsunami , loss to the life and properties of the people of Puducherry and Karaikal was enormous. Hence, creation of Coastal shelter belt along the coastal regions of Puducherry and Karaikal was felt necessary and steps are taken to create bio-wall plantation and involve the fisherwomen self help group for the maintenance of the same. So

far 54 ha. in Puducherry and 64ha. in Karaikal the Bio wall plantation has been created. Maintenance of the existing plantations, creation of additional plantations were ever lands available planting coconut seedlings front of the houses in villages affected by Tsunami.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	214.00
(c) 2006-07 (Approved Outlay)	:	--
(d) 2006-07 (Revised Outlay)	:	--
(e) Actual Physical Achievement (2002-05)	:	--
(f) Actual Physical Achievement (2005-06)	:	

- i. 118 ha. of Bio-wall plantations with casuarinas, coconut and other tree seedlings were raised.
- ii. 12 temporary nurseries maintained by SHG's in Puducherry and 14 at Karaikal were established.

(g) Anticipated Physical Achievement (2006-07) :

- i. Another 14 ha. of plantation to be completed.
- ii. Maintenance of the established plantations like manuring, gap filling and re-fencing in the required areas.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	300.00
Proposed Outlay for the Annual Plan (2007-08)	:	40.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

- i. To create Coastal Shelter belt Plantations all along the coastal line of Puducherry and Karaikal.
- ii. To plant, develop and protect the mangroves along the coastal area.

6. Programme envisaged for the Annual Plan (2007-08) :

- i. To create Coastal Shelter belt Plantations all along the coastal line of Puducherry and Karaikal.
- ii. To plant, develop and protect the mangroves along the coastal area.

7. Remarks : Continuing Scheme