

CS (EE)- V Nangal Wetland Project

Outlay Rs 20.00 lac

7.4.24 Ministry of Environment & Forests, Govt. of India has included Nangal lake under National Wetland Conservation Programme in 2008. Against an expenditure of Rs. 70.47 lac incurred during 11th Five Year Plan, an outlay of Rs. 100.00 lac is provided for 12th Five Year Plan. Against an expenditure of Rs.37.32 lac incurred during 2011-12, an outlay of Rs. 20.00 lac is provided for Annual Plan 2012-13.

7.5 FORESTRY AND WILD LIFE

Outlay – Rs.72.08 crore

7.5.1 Punjab being a predominantly agricultural state is deficient in forest wealth. Against the norm of 33% forest cover as prescribed in the National Forest Policy 1988, Punjab has 6.07% area under forests. Moreover, on account of high population density, the per capita forest area is only 0.01 ha against the national average of 0.11 ha. (which itself is far below the world per capita forest area). Ecological and environmental considerations also require that Punjab immediately increase its forest/tree cover from the present level of only 6% to a minimum of 15% of its geographical area.

7.5.2 The total area notified as forests in Punjab at present is 305727 ha, which is about 6% of the geographical area of the state. Breakup of this area according to legal status is given as under:-

SN	PARTICULARS	Area(ha)
A. GOVERNMENT FORESTS		
1	Reserve Forests	4336
2	Protected Forests	41684
3	Strip forest (Roads, Railways, Canals, Drains)	73612
4	Unclassed Forests	18775
Total Government Forests		138407
B. PRIVATE FORESTS		
5	Area covered under section 4 and 5 of the Punjab Land Preservation Act, 1900 and section 38 of the Indian Forest Act, 1927.	167320
Total Private Forests		167320
Grand Total		305727

7.5.3 The main commercial species in Punjab have traditionally been shisham, kikar and eucalyptus. However, diversification to other species is being done and species like teak, tun, gmelina, neem, siris, mulberry, burma neem, ailanthas, drek, rajain, simal, bamboos,

arjun bahera, amala, jamun, mango, poplar etc. suitable for yielding timber and fruits are also becoming popular.

7.5.4 Against an expenditure of Rs.125.43 crore during the 11th Five Year Plan , an outlay of Rs.211.81 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.7.13 crore during 2011-12, an outlay of Rs.72.08 crore is provided in the Annual Plan 2012-13.

7.5.5 The detail of the schemes included in the Annual Plan 2012-13 is as under :

On going schemes

Centrally sponsored/funded schemes

FT-01/3 Assistance for the Development of Selected Zoos (50:50)

Outlay – Rs.50.00 lac

7.5.6 The objective of the scheme is to acquaint people with the wild animals and to educate them about the preservation of wildlife and its importance to mankind. For the maintenance and development of chhatbir zoo at Patiala, tiger safari at Ludhiana and deer parks at Patiala, Neelon and Bathinda, central assistance is provided to supplement the state resources.

7.5.7 Against an expenditure of Rs.15.61 lac each as 50% Government of India's share and 50% state share during the 11th Plan, an outlay of Rs.2.50 crore each as 50% Government of India share and 50% state share has been provided in the 12th Five Year Plan. An outlay of Rs.50.00 lac each as 50% Government of India's share and 50% state share is provided in the Annual Plan 2012-13.

FT-02/4 Intensification of Forest Management (75:25)

Outlay - Rs.68.00 lac

7.5.8 The aim of the scheme is to curtail the damage to forests due to fire, by creation and maintenance of fire lines, construction of watch towers and construction of water storage & deployment of fire watchers. It is proposed to create awareness amongst the people through JFM and by organizing camps. Staff shall be trained for prevention and fighting the forest fire. The funds provided under the scheme will be utilized for strengthening of infrastructure for forest protection by improved mobility and communication network, modern information technology systems, buildings for forest protection offices and residence for the frontline staff.

7.5.9 Against an expenditure of Rs.3.37 crore as 75% Government of India's share and Rs.1.13 crore as 25% state share during the 11th Plan, an outlay of Rs.10.27 crore as 75%

Government of India share and Rs.3.42 crore as 25% state share has been provided in the 12th Five Year Plan. An outlay of Rs.2.04 crore as 75% Government of India's share and Rs.68.00 lac as 25% state share is provided in the Annual Plan 2012-13.

FT-03/11 Assistance for the Development of Sancturaries (50:50)

Outlay – Rs.50.00 lac

7.5.10 Earlier 100% funds were provided by Government of India for development of sancturaries in the state. Now the funds are provided as 100% for some components and 50% for other components. As such a sharing scheme was introduced in state plan on 50:50 sharing basis in addition to 100% Government of India's funded scheme during 2009-10. The scheme aims at the development of wildlife sancturaries in the state. Works like fencing of the areas, construction of ponds and water holes, construction of check post, education and scientific studies on wildlife would be undertaken.

7.5.11 Against an expenditure of Rs.1.86 lac as 50% Government of India's share and Rs.1.86 lac as 50% state share during the 11th Plan an outlay of Rs.2.50 crore each as 50% Government of India's share and as 50% state share has been provided in 12th Five Year Plan. An outlay of Rs.50.00 lac each as 50% Government of India's share and as 50% state share is provided in the Annual Plan 2012-13.

FT-04/20 Development of Forest (13th Finance Commission)

Outlay – Rs.2.30 crore

7.5.12 The 13th Finance Commission has recommended preparation and implementation of scientific work plans for management of forests for the country as a whole. Under this programme, it is proposed to maintain the forests in the state as per working plans/management plans and review of existing plans, preparation of new plans in place of the expired ones, updation of growing stocks of forests which include enumeration of trees on forest lands, demarcation and survey of forests, preparation of high quality forest maps of some selected areas using modern tools & techniques and up-gradation of existing facilities related to collection, compilation and retrieval of field data .

7.5.13 Against an expenditure of Rs.1.84 crore during the 11th Five Year Plan , an outlay of Rs.11.50 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.73.26 lac during 2011-12, an outlay of Rs.2.30 crore lac is provided in the Annual Plan 2012-13.

FT-05/10 Punjab Forestry & Watershed Development Project and Promotion of ICT and e-Governance in the State

Outlay –Rs.48.00 crore

7.5.14 This is a comprehensive scheme comprising of number of sub components like raising of new plantations on forest lands, institutional and other non-forest government lands, farm forestry, forest research and training activities, infrastructure development including buildings and e-governance issues etc. It is proposed to undertake plantations over 20,000 ha of forest lands and 5,000 ha of institutional and other government land during the 12th plan period. Besides, 150 lakh saplings of various species will be supplied to the farmers and other beneficiaries during the 12th plan period.

7.5.15 Against an expenditure of Rs.35.62 crore during the 11th Five Year Plan, an outlay of Rs.75.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.2.69 crore during 2011-12, an outlay of Rs.48.00 crore is provided in the Annual Plan 2012-13.

FT-06/21 Conservation Management and Development of Wildlife in the State

Outlay Rs.11.00 crore

7.5.16 The Protected Area network of the state consists of thirteen Wildlife Sanctuaries (WLS) and two community reserves. It is proposed to enhance the scope of works pertaining to conservation and wild life in the state by addition of certain new activities such as replenishment of the old stock of exotic fauna in Chhatbir Zoo, setting up of helpline in each district for rescuing and rehabilitation of stray wild animals, conservation of cranes in Shalla Pattan Wetland in Gurdaspur district and conservation of Indus River Dolphin and turtles at Harike, conservation measures, habitat improvement including fencing of wildlife sanctuaries of the state, compensation for crop damage and livestock injury done by wild animals, development and upgradation of Bir Talab Mini Zoo Bathinda and upkeep of Tiger Safari at Ludhiana during the 12th plan period.

7.5.17 Against an expenditure of Rs.5.97 crore during the 11th Five Year Plan, an outlay of Rs.37.50 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.2.64 crore during 2011-12, an outlay of Rs.11.00 crore is provided in the Annual Plan 2012-13.

FT-07/22 Purchase of Land for Compensatory Aforestation on account of Non-availability of degraded land in the State

Outlay: Rs.1.00 crore

7.5.18 The objective of the scheme is to compensate the loss of forest land which takes place due to various development projects on forest lands such as roads, transmission lines, sewerage works, buildings etc. The non forest land will be purchased through the funds realized from the user agencies on royalty of the trees currently being given by the department as revenue to the state. The purchased land will be used for compensatory afforestation in lieu of the forest land being diverted for non-forest purpose. It is expected that net loss to the extent of forest area of the state due to developmental activities can be prevented through this scheme.

7.5.19 An outlay of Rs.20.00 crore has been provided in 12th Five Year Plan and an outlay of Rs.1.00 crore is provided in the Annual Plan 2012-13.

FT-08/23 Action to Control Environment Pollution in Critically Polluted areas in the State.

Outlay: Rs.4.00 crore

7.5.20 The main objective of this scheme is to take corrective measures to mitigate the pollution levels and improve the environment in some of the critically polluted cities such as Ludhiana, Jalandhar, Mandi Gobindgarh and Batala. For this purpose, the department has prepared a detailed action plan for increasing forest/green cover, organizing trainings/seminars/awareness camps, providing green belt around the industrial area and the pollution sources in these cities. Action plan of approximately Rs.21.50 crore has been prepared for afforestation and maintenance of plantation.

7.5.21 Against an expenditure of Rs.1.00 crore during the 11th Five Year Plan, an outlay of Rs.50.00 crore has been provided in 12th Five Year Plan. Against an expenditure of Rs.1.00 crore during 2011-12, an outlay of Rs.4.00 crore is provided in the Annual Plan 2012-13.

New Scheme

FT-09 Plantation along roads of Malwa Region

Outlay: Rs.4.10 crore

7.5.22 A new scheme has been included in the 12th Five Year Plan to carry out quality plantations on the major roads in Malwa region of the state. Major components of the project are Mesquite removal, urban plantation, avenue plantation etc.

7.5.23 An outlay of Rs.9.39 crore has been provided in 12th Five Year Plan and an outlay of Rs.4.10 crore is provided in the Annual Plan 2012-13.

Centrally Sponsored Scheme (100%)

CS (FT)-04/1 Assistance for the Development of Sanctuaries

Outlay – Rs.75.00 lac

7.5.24 This scheme aims at development of wildlife sanctuaries viz Harike bird sanctuary, Abohar wildlife sanctuary, Bir Gurdialpura sanctuary, Bir Motibag sanctuary and Bir Bhunerheri sanctuary. Works like fencing of the areas, construction of ponds and water holes, construction of check posts education and scientific studies on wildlife are undertaken.

7.5.25 Against an expenditure of Rs 58.35 lac during the 11th Five Year Plan , an outlay of Rs.3.75 crore has been provided in 12th Five Year Plan. An outlay of Rs.75.00 lac is provided in the Annual Plan 2012-13.