



Annual Activity Report 2010-11



Odisha Forestry Sector Development Project
Forest & Environment Department, Government of Odisha



Participation of Rayagada DMU in Annual Exhibition (**CHAITI - 2010**) at Rayagada



World Wetland Day celebration by Balasore (WL) Division

Published by:
Odisha Forestry Sector Development Society
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Printed at :
Jyoti Graphics, 0674 - 2544209

Annual Activity Report

2010-11



Odisha Forestry Sector Development Project

Forest & Environment Department
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Annual Activity Report : 2010-11

Abbreviations

| | |
|--|--|
| ANR..... Assisted Natural Regeneration | JICA..... Japan International Cooperation Agency |
| APC..... Agriculture Production Commissioner | JPD..... Joint Project Director |
| BPL..... Below Poverty Line | LVFW..... Lady Village Forest Worker |
| CF..... Conservator of Forests | M&E..... Monitoring & Evaluation |
| CCF..... Chief Conservator of Forests | MIS..... Management Information System |
| CDM..... Clean Development Mechanism | MoEF..... Ministry of Environment and Forest |
| CWLW..... Chief Wild Life Warden | MoU..... Memorandum of Understanding |
| DAC..... District Advisory Committee | NGO..... Non-Government Organization |
| DEO..... Data Entry Operator | NREGS..... National Rural Employment Guarantee Scheme |
| DFO..... Divisional Forest Officer | NRHM..... National Rural Health Mission |
| DGPS..... Differential Global Positioning System | NRM..... Natural Resource Management |
| DMU..... Divisional Management Unit | NTFP..... Non-Timber Forest Product |
| DPC..... District Programme Coordinator (District collector as DPC in NREGS) | OFD..... Odisha Forest Department |
| DPD..... Deputy Project Director | OFDC..... Odisha Forest Development Corporation |
| EDCs..... Eco Development Committees | OFS..... Odisha Forest Service |
| EPA..... Entry Point Activity | OFSDP..... Odisha Forestry Sector Development Project |
| F&E Dept..... Forest and Environment Department | OFSDS..... Odisha Forestry Sector Development Society |
| FD..... Forest Department | OMFED..... Odisha Milk Federation |
| FDA..... Forest Development Agency | OREDAA..... Odisha Renewable Energy Development Agency |
| FEO..... Forest Extension Officer | ORMAS..... Odisha Rural Marketing Society |
| FMU..... Field Management Unit | OTELPP..... Odisha Tribal Empowerment and Livelihood Programme |
| FRO..... Forest Range Officer | OUAT..... Odisha University of Agriculture and Technology |
| FSI..... Forest Survey of India | PCCF..... Principal Chief Conservator of Forests |
| FY..... Financial Year | PD..... Project Director |
| GB..... Governing Body | PMU..... Project Management Unit |
| GC..... General Consultant | PRA..... Participatory Rural Appraisal |
| GIS..... Geographical Information System | RDC..... Revenue Divisional Commissioner |
| GoI..... Government of India | RTI Act..... Right to Information Act, 2005 |
| GoO..... Government of Odisha | SFTRI..... State Forest Training and Research Institute |
| GPS..... Global Positioning System | SHG..... Self Help Group |
| HPC..... High Power Committee | ST/SC..... Scheduled Tribes and Scheduled Castes |
| HRD..... Human Resource Development | ToR..... Terms of Reference |
| IAS..... Indian Administrative Service | ToT..... Training of Trainers |
| ICFRE..... Indian Council of Forestry Research and Education | VDF..... Village Forest Development Fund |
| IEC..... Information, Education and Communication | VFW..... Village Forest Worker |
| IFS..... Indian Forest Service | VHF..... Very High Frequency |
| IGA..... Income Generation Activity | VSS..... Vana Samarakshan Samiti |
| IIFM..... Indian Institute of Forest Management | WL Divn..... Wildlife Division |
| IMMT..... Institute of Minerals and Materials Technology | WORLP..... Western Odisha Rural Livelihood Project |
| JEM..... Joint Forest Management | XIM..... Xavier Institute of Management |



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From PD's Desk

The year 2010-11 was 5th year of Odisha Forestry Sector Development Project (OFSDP). The 5th year was utilized for project implementation in both JFM mode and non-JFM mode for programme execution to bridge the shortfall not achieved upto 4th year i.e.2009-10 as laid by the Project Memorandum. The apprehension expressed while discussing main points of project proposals in 2005 to divide total target of 2275 VSS into implementation phases of 4 years in place of 3 years came into reality. During this year, while plantation activities of 3rd batches were taken along with maintenance works for previous two batches, selection of VSS as well as forest land for artificial regeneration with teak in non-JFM mode for targeting in 6th year of the project for 4th batch was simultaneously taken up. Thus, project intervention with activities of micro-planning, pre-planting, capacity building, EPA and supporting services for 4th batch had been commenced. The scaling up of biodiversity management component implementation in the 5th year has also been initiated.

The project implementation of components in 1st to 3rd batches for restoration of degraded forests, coastal plantations, EPA, Livelihood improvement, IGA, including capacity building during the year were on full swing. Experiences and learning from onsite activities, interactions, trainings and exposure visits have been benefitting both facilitative team and managing team of VSS plus grass root forest staff. The Mid Term Evaluation of the project implementation on completion of 4 years was instituted. Two research studies on 'JFM Implementation Models in Orissa' and 'Impact of ANR Practices on Bio-diversity' with special reference to OFSDP intervention sites during the year were also instituted. The second performance assessment of VSS in 1st and 2nd batch was taken up in June- July 2010 by third party. Sameekhya 2010, an annual review meeting of project officials upto

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VSS level and key representatives of VSS & EDC provided necessary interaction, feedback, sharing of good practices and serious concerns. These tools provided required measures to address problems and lessons learnt for adoption in project management. JICA Mission comprising of two members reviewed the project in November 2010 and the MoEF, GOI in February 2011. These reviews have highlighted major issues of utilization of savings, physical target modifications, plantation benchmarking, detailing of convergence, and project consolidation for self reliance at VSS level. The project implementation in field upto 2010-11 (5th year) achieved intervention on restoration of degraded forests over 1,69,953 ha against project target of 1,96,650 ha, coastal plantation over 2,073 ha against 2,810 ha, VSS (EDC) of 2,061 with EPA against 2,275, and SHG of 2,561 for IGAs against 4,550.

The targeted VSS under OFSDP made significant progress on convergence of government programmes guided by project officers and general consultants and facilitated by NGO partners at DMUs/FMUs. The income generating activities also got accelerated boost for pilot IGAs of selected SHGs by VSS and further by developing them in to clusters for a trade on institution of Income Generating Activity Support Agencies (IGASA) for every DMU in middle of 2010. IGASAs are providing market linked IGAs in pilot small and clusters of SHGs with business plan development, capacity building, hand holding. This has up-scaled utilization of Village Forest Development Fund (VFDF) with increasing numbers of loan to 3,947 by 2906 SHG, 37 CIG and 47 individuals out of 2,061 VSS upto 3rd batch. Simultaneously community assets and livelihood improvement through agriculture & allied agriculture, skill development, water & sanitation, health, electrification & connectivity and fuel efficient chullahs also got escalated to gross 2,280 VSS & EDC including 4th batch ones.



Biodiversity management activities during the year got grounded with process and documentation for eco-development including man-animal conflict mitigation & eco-tourism in Satkosia Sanctuary as well as mangroves of Balasore DMU. Proposals with consultations and process activities have been made to State Government for 'Orissa Forest Sector Eco-tourism Policy', Biodiversity Heritage Site, Conservation Reserve which would facilitate project in targeting the relevant site developments for benefit of biodiversity and community with a field tested process and procedure during the project period.

Significant progress and outcome of project interventions in enhancing forest cover and biodiversity, community empowerment and benefits of income, livelihood & developmental programmes, forest protection, self reliance improvement of JFM Committees have been observed upto 5th year. The programmes of capacity building, IGA & IGASA as well as convergence for community development and livelihood have progressed well. Impact thereof has been motivating VSS and frontline staff for higher results of interventions. Results of above mentioned research studies, evaluations, and reviews are reproduced with extract of concluding recommendations of Mid Term Evaluation Report 2011 - "The early outcomes as a result of interventions are encouraging; however, given the nature of the rural society and slow nature of change process, it will be useful to seek no cost project extension at least for another two years- Sambodhi, 2011."

OFSDP supported JFM Committees can count much developmental progress and empowerment since inception. Two thousand odd VSSs & EDCs implementing micro-plans with EPA & IGA have revolutionalized their rising expectations. Participatory forest management and community forest management exponents need not look much farther now to understand consequences of second generation JFM model under OFSDP. Implementation of project interventions on village specific local need based approach by VSS/EDC has been underscoring the need to make JFM more relevant to forest fringe villages and for poor sections of the village. The learning with VSS and grass root level staff has been developing into that capacity building for micro-plan management and convergence of government programmes at village level can make JFM a tool of progress and biodiversity conservation even in severe forestland degradation stage.

Though JFM mode interventions by OFSDP are pre-occupied with problems of forest dependent tribals and in many ways more challenging problems of poor and the under privileged, OFSDP task is to make JFM mode output more relevant to local stage of development in forest growth & cover as well as in community. OFSDP's endeavour in remaining project period shall be to integrate entire spectrum of project learning and available knowledge for welfare of the JFM Committees into post project period further.

Vinod Kumar, IFS

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Project Outline

Main Components

| | |
|--|----------------------------|
| Restoration of Degraded Forests (Forest Management under JFM & Non-JFM Mode & Farm Forestry) | 196,650 ha in 11 divisions |
| ANR | 138,000 ha. |
| Block Plantation | 39,650 ha. |
| Artificial Regeneration | 19,000 ha. |
| Coastal Plantation | 2,810 ha in 2 divisions |
| Biodiversity Management | |
| Eco-tourism Development | 5 sites |
| Community Reserves/ Heritage Sites | 5 sites |
| Community / Tribal Development including Capacity Building of VSSs | |
| Entry Point Activities, | 2,275 VSSs |
| Income Generation Activities | 4,550 SHGs |
| Livelihood Improvement, | |
| Supporting Activities | |
| Preparatory works, Strengthening of Executing Body, Infrastructure Development, Forest Research, Publicity and Communication, Monitoring and Evaluation, Phase-out / Phase-in Activities | |
| Consulting Service | |
| International | 42 Man Months |
| Local | 181 Man Months |

Objectives

Restoration of degraded forests and improvement of the livelihood of the resident community are the main goals of the project. Major interventions are in JFM mode aiming at improving environment and alleviating poverty.

Project Area

With the total estimated cost of Rs. 660 Crores, the Project is being implemented in 14 Forest and Wildlife Divisions viz. Angul, Balliguda, Bonai, Deogarh, Paralakhemundi, Jeypore, Phulbani, Keonjhar, Koraput, Raygada, Rourkela, Balasore-WL, Bhadrak-WL, and Satkosia-WL.

Institutional Setup

Government have constituted the Odisha Forestry Sector Development Society, as an Autonomous Organization under the Forest and Environment Department to facilitate smooth implementation of the Project.

The Project Executing Body comprises High Power Committee with Chief Secretary as the Chair Person, Governing Body with Agriculture Production Commissioner as the Chair Person, Project Management Unit at State level headed by the Project Director and CEO, OFSDS, Division Management Units and Field Management Units at Forest Division and Range levels respectively.

At field level actual interventions are taken up by the VSSs (village forest committees). The works in the field are facilitated by the existing organization of the Odisha Forest Department.



Highlights of Activities

2006 - 07

2006-07, the 1st year of the project was basically a preparatory year. Main activities taken up during the year were -

- Establishment of executive body - HPC, GB, PMU, DMUs, FMUs.
- Redeployment of manpower
- Infrastructure development - extension buildings, furniture, computers and other equipments
- Vehicles for PMU, DMU and FMUs
- Preparation of Accounting Procedure for the Society.
- Training Need Analysis (TNA) to ascertain the capacity building needs of the project.
- Selection of 1st batch JFM sites (640)
- Award of contracts to survey and mapping firms for 1st batch JFM sites.
- NGOs selection process was initiated.
- Project sensitization at various levels
- Training of Trainers (ToT) for 1st batch of Forest Range Officers (FMU Chiefs) and Forest Extension Officers.
- Training Workshop for production of quality planting material.
- Project Website www.ofsdp.org was developed.
- Process for release of Quarterly Newsletter of the project was started.

2007 - 08

Major grassroot activities were started during 2007-08, practically the first year of project implementation. Activities undertaken during this year were -

Institutional Strengthening -

- Finalization of VSS Management Manual
- Employment of General Consultant.
- Selection of NGOs
- Infrastructure Development at PMU, DMU & FMU Level with computerization & connectivity for robust communication.
- Construction of VSS Office-cum-Meeting hall in 1st batch VSSs.

- Formation of VSS working group and confirmation of VSS membership for adequate participation of the vulnerable groups as per the project guidelines specified in VSS Management Manual.
- VSS organisation process for 1st batch completed and 2nd batch VSS organisation process started.
- Transfer of funds to 1st batch VSS accounts by the project.
- Engagement of Animators in each 1st batch VSS for assisting in VSS works. They serve as a link between VSS & the project, and simultaneous liaisoning with different stakeholders.
- Exploration on convergence potential with different line-departments & resource agencies.

Capacity Building:

- ToTs started in 2006-07 were completed.
- Training for micro-planning to engage NGO Team leaders & front line forest personnel, member-secretaries & VSS office bearers (1st batch)
- Capacity building programmes for all categories of stakeholders were organised on different aspects of project interventions & financial management.
- OFSDP officials attended different meetings & workshops on innovative forestry approaches, community participation & role of civil society in forestry sector governance.
- Exposure-visits for VSS representatives to WORLP areas were organised for understanding the grassroot planning for cross-learning.
- PMU organised Interactive programmes through GRAMSAT for direct interaction with field facilitators.

Survey & Mapping:

- Survey & mapping for 1st batch JFM areas were completed & 1:5000 scale maps provided to DMUs for micro-planning.
- Selection of 2nd batch VSS and JFM sites for JFM interventions were finalized.
- Survey & mapping process for 2nd batch JFM sites were started.

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Highlights of Activities

Micro-Planning & Implementation:

- Micro-planning in 623 sites/VSS of 1st batch areas completed with facilitation support by field personnel & NGO Teams.
- Starting of Forestry & Livelihood interventions on the basis of prepared micro-plans in the 1st batch. In 13 sites work could not be taken up due to local conflicts.
- Forestry specific interventions- ANR, SMC works, Block plantation works started in 610 sites with gross area of 64,206 ha averaging about 105 ha per site/VSS.
- 465 VSS nurseries were established including 107 decentralized nurseries (where planting stock was produced for 2 or more VSSs).
- Various Livelihood improvement works were carried out from EPA fund along with pilot IGAs.

Coastal Plantation:

- Planning for coastal plantation component in Balasore & Bhadrak WL divisions were pre-scheduled. Accordingly DFOs prepared scheme for mangrove & casuarina plantation with initial sensitization of the local communities.
- Nursery works for raising mangrove plantation over an area of 340 ha in the 2-WL Divisions started.
- Nursery works for Casuarina plantation started for proposed 50 ha plantation during 2009-10.

Non-JFM Interventions:

- Project has a provision to raise 19,000 ha. of Teak plantation in non-JFM mode. Accordingly DMU Chiefs of various divisions furnished list of identified areas and project fixed targets of 800 ha. for 2008-09 .
- Project started the process for Construction / renovation of forest roads, link roads to VSSs to enhance communication in the project area.
- Started consolidation of forests, through boundary maintenance/pillar posting and preparation of GPS maps in selected blocks with JFM mode interventions under the project.

IEC Activities:

- Quarterly Newsletter.
- Micro-Planning Facilitators Handbook containing different formats & instruction to fill up these formats. (Oct, 2007)
- VSS Micro-plan Flip Chart (Oriya) - Oct, 2007
- Leveraging Capacity, a report on ToT Report - Oct, 2007.
- Poster on Role of VSS (Oriya) - Oct, 2007.
- VSS Management Manual - Nov, 2007.
- Micro planning Formats for 1st Batch VSS (Oriya) - Nov, 2007.
- Impregnating Micro Planning Mantra (Micro Planning Training Report) - Feb, 2008.
- NGO Guidelines - Feb, 2008
- Trainers' Manual - Feb, 2008
- Regular update of project Website : www.ofsdp.org.
- Different Posters & large format flex on Micro-planning, Forestry & community development works.

2008 - 09

Institutional Strengthening:

At the end of the 2nd year most of the Institutional Strengthening process was complete at PMU, DMU and FMU Level. Infrastructure for 1st Batch VSS were taken up and completed in 2nd year. Process for institutional development for 2nd and 3rd Batch areas were started in 3rd year (2008-09).

Capacity Building:

Regular capacity building programmes on different aspects of project execution were conducted during the year. Major Trainings undertaken during the year were -

- Focussed Training programmes and exposure visits for VSS representatives. In total 61,860 VSS members and facilitators participated in these programmes.

Highlights of Activities

- 1004 VSS representatives were exposed to best practices within the respective DMUs, and 325 VSS representatives were sent on exposure visits to "Western Odisha Rural Livelihood Project" sites in Kalahandi, Nuapara, Bargarh, and Bolangir Districts.
- Focused training programmes were organised for frontline staff by the 11 Forest Divisions and 3 Wildlife divisions.
- DMU level cross learnings for defining the convergence potential were conducted in 8 district level workshops.
- A core group of FEOs and VFWs were trained for preparation of EDC Micro Plans in Satkosia WL division.
- National Cross Learning Workshop: National Cross Learning Workshop on "Promoting Sustainable Livelihoods under JICA assisted Forestry Projects in India" was organized for sharing of experiences amongst JICA Assisted and other Forestry Projects in the country. This was the first ever such workshop for JICA assisted forestry projects in the country.
- Micro Plans for 656 - 2nd batch JFM sites were prepared covering a gross forest area of 65444.5 ha.
- Fine-Tuning ANR - Considering the livelihood potential and for promoting the in-situ biodiversity conservation, project started the Fine-tuning process of ANR interventions and related process guidelines were sent to all the divisions for sensitizing the grassroots stakeholders.

Coastal plantations:

- Mangrove plantations were raised over 320 ha. in Balasore and Bhadrak WL division. A draft Technical Manual for Restoration of Mangroves was prepared and sent to all concerned for guidance and suggesting improvements based on field observations / experiences.
- JFM committees - Eco-Development Committees (EDCs) for coastal interventions were established and the strategy for community participation for restoration of mangroves defined.
- Formation of EDCs, preparation of Micro Plans for the villages in the vicinity of mangrove restoration areas, land preparation - fish bone channels to enhance inflow of tidal water, and nursery works.
- Casuarina plantations were raised over 50 ha. during 2008-09.

Biodiversity Management:

- Action plan for Bio-diversity conservation and Eco- Development in Satkosia Wild Life Division prepared.
- Formation/revival of EDCs and preparation of micro plans in 5 villages in one of the four clusters in Satkosia WL division.
- Solar power fence around the villages to mitigate man-elephant conflict were initiated in Purunakote.
- Analysis for Development of Eco-tourism sites was initiated.
- Work initiated for development of website to promote eco-tourism (as compared to nature based and other forms of eco-tourism).
- Process for selection of sites for Natural Heritage, Community and Conservation reserves initiated.

Highlights of Activities

Livelihood Interventions:

- Community Development works including construction of VSS office-cum-meeting halls, EPA activities and ranking of SHGs for taking up IGA in 2nd Batch VSS were taken up.
- EPA interventions focused on addressing drinking water problem, bathing enclosures for women, sanitation facilities, agricultural equipments - multi-purpose water harvesting structures - renovation of ponds along with pisciculture, provision of solar lights, spot lights for crop protection from elephants, weighing balance in all VSSs, transistors for listening to AIR programme on agriculture/horticulture/forestry.

Income Generating Activities

- Pilot IGAs were taken up with a view to understand preferences and capabilities of the target people.
- 341 SHGs availed loans from VSS revolving fund and started various IGAs of their choice.
- Livelihood Opportunity Analysis was conducted through MART for potential forest and non forest resource based commodities.
- Process for evolution of an action plan for grounding focused IGAs was initiated.

Non-JFM interventions:

- Teak Plantation raised over an area of 631 ha.
- Permanent nursery with mist chamber facility was established at FRC Angul.
- Consolidation and demarcation of the forest boundaries taken up in selected forest blocks containing JFM intervention sites.

Research:

- Analysis of previous teak trials and their documentation with a view to take the teak research further.
- R&D related to use of "fly-ash in forestry".

Monitoring & Evaluation:

- Household Level Socio-economic Baseline Survey phase-I was completed.
- Independent Third Party Verification: PMU initiated independent third party verification of the assets created under the project for greater transparency and accountability.
- SAMEEKSHYA- 2008, the 1st State Level Annual Review Meeting was held on 28th and 29th Jan 2009 at Bhubaneswar.

IEC:

- Quarterly newsletters.
- EPA Guidelines (English & Oriya) - Aug, 2008
- Micro-Plan Format for 2nd Batch VSS (Oriya) - Aug, 2008.
- Trailing the Greens - Leaflet on Eco-Tourism - Sep, 2008.
- JFM Resolution-2008 - Dec, 2008
- VSS Gathan 'O' Parichalana. (Abridged version of VSS Management manual in Oriya) - Oct, 2008
- Project at a Glance on the activities of the project - Feb, 2009.
- Book of Circulars - Feb, 2009.
- Project Activities were highlighted through AIR under the Forests department Programme - Banani, and interactive programme GRAMSAT.
- The jingles on "Project" and "Forest fire prevention" are also broadcast through Banani.

Posters in Oriya -

- Ama Jungle Parichalana - July, 2008.
- Jungle Ama Pain Ama Dwara - July, 2008
- Jungle Abhibrudhi Au Gramya Vikash - July, 2008.
- Bana Samarakhyana Samiti - Jan, 2009.
- Bhalo Vana Sarankhyana Samiti Kahaku Kahiba - Jan, 2009.
- Swayam Sahayaka Gosthira Saphalata Suchaka - Jan, 2009.
- Bana Samarakhyana Samiti Sabhyanka Dayitya - Jan, 2009



Highlights of Activities

2009 - 10

2009-10 was the 4th year of the project and most of the activities revolved around villages with the inclusion of 3rd batch areas. Project activities at executive level were basically towards enhancing the capabilities of the officials on different components (JFM+Non-JFM) through capacity building and exposure visits besides the management of field activities. During the year, important initiative was for livelihood augmentation at VSSs. Efforts started in past years for robust livelihoods at grassroot level proved fruitful and many activities are continuing through active convergence with different line-departments. VSSs and EDCs are getting continuous facilitative support through NGO Teams and frontline forest officials. Detailed activities undertaken during the year are being given in following major heads for lucid understanding of the report.

Community Empowerment:

- Construction of VSS Office-cum- Meeting Halls completed in 594 2nd batch VSSs.
- 764 VSSs have been formed for the 3rd batch interventions. Micro Planning in these sites were completed.
- Livelihood promotion activities continued in all 3- batches. Provision of basic amenities and essential services in all project villages with active convergence support was taken up.
- Several useful assets have been created in the 1st Batch and 2nd Batch VSSs.
- In Bhadrak WL Division and Balasore WL Division micro planning has been completed in 7 and 4 EDCs respectively for the purpose of protection of Mangrove forests and plantations.

Capacity Building:

- Regular trainings were organized at the DMU level, PMU level for all the stakeholders. In total 1176 trainings were conducted and 75649 nos. of project stakeholders were trained.

- Focussed trainings at VSS level for community Capacity Building were organised.
- Training-cum-Exposure visit were organised for project officials to Kerala, Gujarat and Karnataka.
- Overseas study tours for 20 Senior Officers were organized in three batches to Japan, and Philippines & Indonesia.
- VSS & SHG members were sent to JICA assisted "Karnataka Sustainable Forest Management and Biodiversity Conservation Project" for understanding IGA process and livelihood related interventions.

Forestry Interventions:

Restoration of Degraded Forest:

- Reforestation activities over 47263 ha (ANR - 41967 ha & Block Plantation - 5296 ha) were carried out in 656 2nd batch VSSs under the JFM mode, along with maintenance work in the 1st batch sites.
- Additional area of 1850.9 ha (ANR over 1694.9 ha & block plantation over 156 ha.) was undertaken in 1st batch sites.

Coastal Plantation:

- 631 ha of Mangrove Plantations and 12 ha of Casuarina Plantation were raised in Bhadrak and Balasore (WL) Divisions, along with maintenance of last year plantation.

Non-JFM Interventions:

- Teak plantation was raised on 2535 ha. Preliminary operations for 6370 ha. target of 2010-11 was started.
- During the year 58.03 kms. of forest road and 33.31 kms. of VSS link roads were constructed.

Biodiversity Conservation:

- Micro planning in 19 EDCs in Satkosia (WL) Division was completed.
- Solar power fence around the villages to prevent elephants entering into residential /cultivated areas was completed in one village and in advance stage in 5 others villages.

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Highlights of Activities

- In addition, anti-degradation squads have been formed in five EDCs of Purunakote cluster.

Income Generation Activities (IGA)-

- 1444 SHGs availed loans from VSS revolving fund for undertaking IGAs.
- Training programmes were conducted to enhance the capacities of the SHGs and VSSs in handling IGAs.
- In addition to small loan pilot IGAs, IGA clusters were started. These included Tamarind clusters in Koraput and Balliguda; Pisciculture cluster in Deogarh.
- Consequent to 'Livelihood Opportunity Analysis' and 'Value Chain Analysis', Project started the process for engaging IGA Support Agencies to enable SHGs to upscale pilot IGAs to commodity based clusters with institutional process for IGA facilitation.

Monitoring & Evaluation:

- Regular reviews and field visits by project officials for monitoring the progress and corrective measures as per requirement.
- Household Level Socio-economic Baseline Survey (phase-1) was completed during the year.
- 1st round of 'Third Party Verification System' started during 2008-09 was completed covering randomly selected 71 VSSs of the total 610 first batch VSSs, and project assets at PMU, DMUs and FMUs. Second round of Third Party Verification covering both 1st and 2nd batch VSSs was started.
- 2nd Annual Review Meeting "Sameekshya-2009" was organised

IEC:

- Quarterly Newsletters along with Quiuz (English & Odiya).
- Annual Report, 2007-08
- Hand Book for Facilitators for Microplan Preparation in Mangrove Areas
- Microplan Hand Book for Mangrove Areas
- Capacity Building Modules for Self Help Groups
- Quest for Convergence
- Conceptual Framework for Eco- Development Including Community Based Eco- Tourism and its application in Satkosia Gorge Sanctuary
- Book on Proceedings of National Cross Workshop 'Livelihood Awakening'
- Institutional Strengthening Performance Assessment Report of 1st batch VSS
- Sustaining Livelihood
- Flip Chart - Swayanga Sahayaka Gosthi Sasasktikaran (Odiya)

Posters and Banners:

- Laying foundation of Convergence
- Jeevika Nirbaha, Ekabhimukhikaran O Sahjog
- Pratipalan Kshyamatarata Mula
- Jeevika Nirbaha (Maulik Awashyakta) Sudhrudhikaran
- Healthy Forest Prosperous Community
- Conserve Forests to combat Global Warming Major Components of the Project

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Activities 2010-11

Progress with regards to key targets (upto 2010-11, i.e., upto year 5)

| Activity-Sub Activity | Unit | Project target | Implementation Schedule | Achievement till 2010-11 | Planned for 2011-12 |
|---|------|----------------|-------------------------|--------------------------|---------------------|
| Restoration of Degraded Forests in 11 divisions | ha. | 196,650 | | 169953 | 24649 |
| ANR | ha. | 138,000 | Year 2 to 7 | 130053 | 16188 |
| Block Plantation | ha. | 39,650 | | 31081 | 5675 |
| Artificial Regeneration (AR Teak) | ha. | 19,000 | | 8819 | 2786 |
| Coastal Plantations | ha. | 2810 | | 2073 | 535 |
| Mangroves | ha. | 2160 | Year 3 to 7 | 2006 | 510 |
| Non Mangroves | ha. | 650 | | 67 | 25 |
| Biodiversity Management | | | | | |
| Ecotourism destination development | No. | 5 | Year 3 to 7 | 1 | 2 |
| Community Reserves/Heritage Sites | No. | 5 | | 2 | 2 |
| Community/Tribal development including Capacity Building of VSSs | | | | | |
| Revitalisation / Formation of VSS/EDCs | No. | 2275 | Year 1 to 7 | 2061 | 240 |
| EPA (VSS/EDC) | No. | 2275 | | 2061 | 240 |
| IGA (SHG) | No. | 4550 | | 2561 | |
| Livelihood Improvement | No. | 2275 | | 2061 in progress | |
| Supporting Services | | | Year 1 to 7 | Continuing | |
| Consulting Services | | | Year 1 to 4 | Continuing | |

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Annual Action Plan – 2010-11

In the 10th Governing Body meeting the Action Plan 2010-11 was approved, and subsequently concurred by the HPC.

2010-11 was the 5th year of the project and most of the activities revolved around villages with the inclusion of 4th batch areas. Project activities at executive level were basically towards enhancing the capabilities of the officials on different components (JFM+Non-JFM) through capacity building and exposure visits besides the

management of field activities. During the year, important initiative was for livelihood augmentation at VSSs. Efforts started in past years for robust livelihoods at grassroot level proved fruitful and many activities are continuing through active convergence with different line-departments. VSSs and EDCs got continuous facilitative support through NGO Teams and frontline forest officials. Detailed activities undertaken during the year are being given in following major heads for lucid understanding of the report.

1. Institutional Development and Support Services

- a) Executive Meetings / Reviews (PMU, DMU, FMU)
- Capacity Building / Meetings / Workshops
- Survey & Mapping
- Research
- Convergence
- b) VSS – Institutional Development
- VSS Establishment
- VSS Capacity Building / Trainings / Exposures
- Micro-Planning

Coastal Plantation (Mangrove / Casurina)

Biodiversity Management

Nursery Establishment

Farm Forestry

Vermi-Compost

b) Non-JFM

Teak Plantation

Forest roads - Link roads

Forest Boundaries

3. Livelihood Interventions -

Livelihood Promotion

Income Generation

4. Monitoring & Evaluation

5. IEC Component

2. Forestry Interventions

- a) JFM (ANR / SMC / Block Plantation)



Institutional Development

Executive Meetings / Reviews

Governing Body Meeting - 10th Governing Body Meeting of Odisha Forestry Sector Development Society was held on 14th May, 2010 at Rajiv Bhawan, Bhubaneswar under the Chairmanship of Sri R.N. Senapati, IAS, Agriculture Production Commissioner and Chairperson of the Governing Body. The



Governing Body reviewed the progress of the Project activities and also approved the Annual Action Plan and Budget for the year 2010-11.

11th Governing Body Meeting of Odisha Forestry Sector Development Society was held on 6th December, 2010 at Rajiv Bhawan, Bhubaneswar, chaired by Sri R.N. Senapati, IAS, Agriculture



Production Commissioner and Chairperson of the Governing Body. The Governing Body reviewed the progress of the Project activities namely Reforestation, Biodiversity Conservation, Community and Tribal Development etc. The Governing Body approved the Annual Activity Report for the year 2009-10 and the revised final accounts for the year 2006-07, 2007-08 and 2008-09.

High Power Committee Meeting - 5th meeting of the High Power Committee of Odisha Forestry Sector Development Society was held on 24th December,



2010 in the 2nd Floor Conference Room of Odisha Secretariat, Bhubaneswar under Chairmanship of Sri B.K.Patnaik, IAS, Chief Secretary, Odisha and President, OFSDS. The HPC reviewed the progress of the Project activities and approved the budget for the year 2010-11.

Capacity Building Trainings

For sustainable development of the Forest and the Community, regular capacity building trainings are required to be imparted to the community as well as to the officials managing the forests and eco system. Project is continuing focused capacity development programmes for the forest officials and the VSS/SHG members and trainings are organized for all the stake holders i.e. VSS Members, Animators, SHG Members, and Forest Staffs on a regular basis. During the year, 30,583 person-days training effort have been put in by the Divisions, and about 500 person-days training has been organized by PMU level through 24 National/ International Trainings. Important training programmes organized during the year were:

Inside State Training:

1. 3 days training programme (each) on "Need Based Soil and Moisture Conservation in Forest Areas" was organized at four locations namely, Rayagada from 12.04.2010 to 14.04.2010, G.Udayagiri from 15.04.2010 to 17.04.2010, Talcher from 19.04.2010 to 21.04.2010, where 111 front line staffs of different DMUs participated.
2. 19 days intensive training programme for Eco Tourism Groups of Satkosia (WL) in "Multiple Skills & Hospitality Management" from 31.05.2010 to 18.06.2010 in the Institute of Hotel Management Catering Technology & Applied Nutrition, VSS Nagar,

3. 2 days training programme on "Theory and Practices in Biofertilizer for nursery and Plantation improvement" has been organized at Rayagada from 01.07.2010 to 02.07.2010 where 32 number of front line staffs of different DMUs participated.
4. 4 days training programme on "Crab Rearing and Crab Fattening" for sustainable livelihood organized at Rangailunda, OUAT Campus, Berhampur from 05.07.2010 to 08.07.2010 where 15 front line staffs and SHG members of Bhadrak (WL) division participated.



5. 2 days training programme on "Institutionalisation of Criteria and Indicators framework for Sustainable Management of Natural Forests in India" was held at XIMB from 30.08.2010 to 31.08.2010. 29 senior Forest Officers attended.
6. 3 days training programme on "Non-destructive harvesting, processing and Value addition of NTFFPs including medicinal and aromatic plants" have





been organized at Rourkela from 16.09.2010 to 18.09.2010 and another at Talcher from 20.09.2010 to 22.09.2010, where 31 and 20 front line staff of different DMUs participated respectively.

- 2 days training (each) on "Demonstration cum Skill improvement on Marking Nut (Bhalia) Processing" organized at two locations i.e one at G. Udayagiri from



03.01.2011 to 04.01.2011 for 40 participants from Phulbani and Balliguda DMU and other at Mohendra in Paralakhemundi DMU from 05.01.2011 to 06.01.2011 for 20 participants from Paralakhemundi DMU consisting of SHG/ VSS members and Member Secretaries where resource persons from Pune, Maharashtra imparted the training.

- 3 days training (each) on "Need Based training on Soil & Moisture Conservation in Forest Areas" was organized at four places i.e G.Udayagiri, Talcher, Rayagada and Rourkela from 21-23.02.2011, 24-26.02.2011, 03-05.03.2011



and 07-09.03.2011 respectively where 102 front line field staffs participated.



Outside State Training :

- 5 senior forest officers of the state visited Andaman from 27.04.2010 to 30.04.2010 for Exposure cum Interactive Training on "Management and Promotion Strategy of Mangroves".
- One Interactive training-cum-Exposure on "Eco tourism & its Management by EDC" has been organized at Gorumara National Park and Jaldapara Sanctuary in West Bengal from 03.05.2010 to 06.05.2010 where 7 officers from PMU and other field level officers visited and interacted with the officers of the above protected areas.
- To study different modules and cost norm of plantations, four senior Forest officers from the state visited different plantation sites in West Bengal from 08.09.2010 to 11.09.2010.
- A similar Study Tour has been organized for study on "Plantation modules and cost norm of plantations" in Maharashtra from 21.09.2010 to 24.09.2010 where four officers visited different plantation sites and interacted with the officers of Maharashtra.
- 3 days training programme from 21.10.2010 to 23.10.2010 at Administrative Staff College of India (ASCI), Hyderabad on

"Result Based Management". 20 officers attended the training.

- One intensive training cum exposure visit on "Conservation of Sacred Groves" has been organized for six senior officers from 26.02.2011 to 27.02.2011 at Bharat Bidyapitha Institute of Environment Engineering and Research (BVIEER), Pune where the participants got practical exposure to different sacred groves of Maharashtra & their successful conservation through local people.



International Training:

Overseas Study - Japan

A training programme on "Forest Management Policy in Asia - Sustainable Forest Management with Collaboration between local Government and community" has been organized through JICA in Japan where one senior forest officer from PMU participated from 04.07.2010 to 24.07.2010. This training programme was primarily aimed to enhance the capacity of Government Officials for implementation of sustainable forest management policy under the process of decentralization, with emphasis on collaborative approach among stakeholders including community. The training programme was organized at JICA training centre, Chubu, Nagoya and GSID Nagoya University. Field trips were organized at Gifu, Kyoto and Osaka.



Overseas Study - Brazil

An overseas study tour to Brazil from 22.10.2010 to 01.11.2010 was organized where six senior officers of State Government participated. The objective of the study tour was to:

- Learn development of environment friendly eco-tourism facilities & destinations.
- Plan and operate innovative eco-tourism activities.
- Examine mechanisms of forest protection, sustainable production forestry and wildlife management in Brazil.

In the route the team visited Lion Park and apartheid museum at Johannesburg. Thereafter they visited, eco-



Overseas Study - Philippines



Project facilitated participation of four senior Forest Officers for an overseas study course on "Participatory Monitoring and Evaluation" at International Institute of Rural Reconstruction (IIRR), Cavite, Philippines from 10.05.2010 to 21.05.2010. This course was intended to broaden the participants understanding of Participatory Monitoring and Evaluation as a support to program/project management at different levels and as a tool for strengthening participation, enhancing local capacity, and increasing local people's confidence and control over development decisions and processes.

R.Raghu Prasad. Then the team had a meeting with President, Chico Mendes Institute for Biodiversity Conservation, Ministry of Environment. Visited Tijuca National Park, Serra dos Orgaos National Park, Iguassu National Park, Itaipu Bi-national (Brazil & Paraguay) Hydro-electrical Power Plant having innovative eco-tourism activities.



Workshops

Forest Advisory Group (FAG)

3rd meeting of Forest Advisory Group (FAG) on technical matters of OFSDP was held at PMU, Bhubaneswar on 03.04.2010. It was presided over by Mr. A.K Bansal, IFS, Project Director, OFSDP. The Advisory group reviewed the progress made on the decision taken during the previous meeting held on 03.06.2009. Issues discussed during the meeting:

- The matter relating to Teak Research was discussed. The CCF Training and Development was supposed to analyze the data of previous Teak trials and to make documentation. The CCF Training and Development informed that though some data is available, but it is not complete and has not been analyzed. The Project Director advised that Research on different Teak trials has been done since long and we need to evaluate the performance of Clonal seed orchards (CSOs) and Candidate Plus Trees, for next step to convert selected Candidate Plus Trees into Plus Trees. The Project Director observed that we can bring the required discipline through the Project so that the Research work done in the field is properly documented, analyzed to gain the substantive results. Finally it was decided that the data on Teak trials will be made available by CCF, Training and Development to OFSDP for

taking up further action on the matter.

- Then discussion was made on Phasi Research, the task of which has been entrusted with DFO Satkosia (WL). At present there is no management regime for Phasi and no local volume table is available. Funds have already been released to the DFO Satkosia (WL), along with provision to engage research personnel, but no progress has so far been made in this regard. Project Director advised RCCF, Angul to look into the matter and take steps to expedite the works.
- With regards to study on collection of Sal leaves from different forest areas, all the Members suggested that TFRI, Jabalpur may be contacted to study the sustainable production potential of the Sal leaves and Sal seeds in Odisha. On Vermi compost the Project director requested to provide information on "Standard NPK content of Vermi Compost", if any such information is available. This is required since in recent analysis of Vermi Compost produced at 5 Project locations, there is wide variation in NPK contents.
- Research on use of Fly Ash in Forest Plantations is presently going on at Ranipark, Talcher by the Scientist of Institute of Minerals and Materials Technology (IMMT),

Bhubaneswar with the active support of DFO Angul. 80 seedlings have been planted for studying the growth performance in 4 situations/ conditions. (i) Only in soil - control (ii) 33.5 % fly ash + soil (iii) 67% fly ash + soil (iv) 100% fly ash. The species planted are Acacia, Amla, Neem, Siris and Karanja. In all cases the survival percentage is 100% as the area is fully irrigated. The growth of the seedlings is said to be good in all cases. As the trial is very recent, collection of data is going on which will be analyzed later on.

- At the end, Mr. M.G. Gogate, IFS (Retd.), Team Leader, General Consultant presented a Research proposal on study of Non-conventional Minor NTFP Products and new Research Proposal on (i) study of performance of JFM models in the State and (ii) study of impact of ANR Practices on Bio-diversity, in detail. He stressed on inventorisation and identification of market linkages for Non-conventional Minor Forest Produce with a focus on Medicinal/Aromatic Plants. He also suggested for development of local knowledge database regarding supply and demand/use of Non-conventional NTFP (mainly medicinal) by Tribal Communities and improvement of processing Techniques. It was agreed upon to get three studies done at the earliest.

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Workshop on "Effective Prevention and Prosecution of Wildlife Crime"



India is one of the world's richest countries in terms of biological diversity, and has nearly 8 per cent of the total number of species in the world. Some of these are on the verge of extinction or have become rare. Large number of wildlife crimes such as habitat destruction, hunting, poaching, environmental pollution, poisoning and forest fires are responsible for vanishing wildlife species. Several species have become extinct, and some are in the rare and endangered category. Despite legal protection, wildlife crimes are still encountered.

Project organized a workshop with wider consideration of

sensitizing the forest officials on the wildlife protection through effective prevention and prosecution of wildlife crimes which was held at XIMB from 25.09.2010 to 26.09.2010 where 30 senior Forest officers in charge of management of wildlife in the State participated. Different Resource Persons of National repute on wild life forensics, investigation and legal jurisprudence interacted with the participants. The two day workshop was inaugurated by Mr. R. N. Senapati, IAS (ADC and APC, Govt. of Odisha and Chairperson Governing Body, OFSDS) along with Dr. Aurobindo Behera, IAS (Principal Secretary, Forest and Environment Department, Govt. of Odisha), Mr. Arun Kumar Bansal, IFS, PCCF & Project Director OFSDP and Mr. Priya Nath Padhi, IFS, PCCF and Chief Wild life Warden, Odisha.



Workshop on Harmonising JFM, CFM, PESA, FRA 2006 and Rules 2007



With implementation of the Provisions of the Panchayats (Extension to the Scheduled Areas) Act, 1996, the Biological Diversity Act, 2002 and the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, the State Policy Resolution 2008 of the Joint Forest Management has been drawing suggestions for harmonization of its structure, process and functions for the management of

forests with community participation.

With a view on a need of harmonization of the provisions under JFM Resolutions with these legislations a workshop was organized and facilitated by the Project on behalf of Forest and Environment Department on 08.03.2011 at Bhubaneswar to receive feed back with participation of stakeholders from Govt., NGO and Academia

etc. and to deliberate upon the issues, and suggested measures in this context. The aim was also to discuss common points and scopes of convergence to draft way forward. After much deliberation, few important suggestions came forward for incorporation while developing People's Forest Management guidelines. Further, the participants agreed to some of the proposals of amending JFM Resolution 2008.

Survey and Mapping

The DGPS boundary survey and mapping process of the 4th batch JFM sites was carried out.

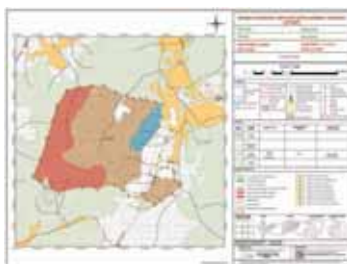
Thematic maps (Base maps, Land Use maps and Forest maps) were prepared for detailed planning of forestry interventions.

GPS Survey of Treatment Area

GPS survey of different forestry interventions in the 2nd and 3rd batch VSSs was carried out. Main objective is to set uniform system across the project to capture Geographical coordinates of various project interventions such as ANR Cleaning, Gap plantation, Economic Plantation, Fuel and Fodder, Bamboo and NTFP Plantations etc.

After receipt of data from DMUs it will be finally processed to create GIS 'Treatment Area' layers at PMU. VSS level GPS data received from respective DMUs would be converted into GIS (shape file) compatible file. The point data layer would be converted into polygons and QC of data would be performed with reference to the existing GIS database. After plotting and thorough checking, if any error is noticed, the same would be reported to the respective DMUs for rectification and re-submission after revisiting the field and capturing missing information. Final GIS polygon layer (shape file) of Treatment maps (one data layer for each VSS) would be populated with respective attribute information after verification and finalization of boundary data. Individual treatment map layer of respective VSS would be merged to create a single Treatment Map layer.

Project has already provided training to the field staff in GPS based data collection, field survey and data transfer to computer using specialized software for creating different file formats. Further training will be undertaken as per the requirement.



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Research

Progress of Different Research Activities in OFSDP

Improvement of teak seed production area :

Objective:

To augment production of genetically superior Teak seeds through suitable existing tree and soil moisture improvement measures.

The project is executed by State Silviculturist, Odisha on two sites namely (a) Chulijhinka-19 hectare and (b) Koshala 17.71 hectare of Seed Production Area (S.P.A). Cleaning, ploughing, defective branch cutting, application of cow dung manure (C.D.M) and D.A.P (Di Ammonium Phosphate) have been carried out. The improvements noticed after application of the above scientific operation are as follows:

- Falling of seeds delayed- Maturity of Seeds
- More seed production
- Sizes of seeds improved.
- No much difference in germination.

Research on Silvicultural Studies on Phasi:

Objective:

- To study the growth pattern in existing plantation.
- To identify and maintain Candidate Plus Trees of Phasi



for improvement of planting stock.

- To standardized nursery technique for raising Quality Planting Material.
- To standardized silvicultural interventions for enhancement of growth.

Research work is proposed to be facilitated by Institute of Forest Productivity, Ranchi.

Use of Fly ash in Forest Nursery & Plantation:

Objective:

To develop code of practice for use of Fly Ash in forest nursery as well as forestry plantation.

I.M.M.T, Bhubaneswar is carrying out this study in collaboration with D.F.O, Angul Division.



Dr. Kanungo, Scientist, on behalf of IMMT, Bhubaneswar is taking up this project. D.F.O, Angul Division has already provided the plantation site at Rani park, Talcher where related works are already under progress for the study. Four plots have been made where seedlings of *Acacia moniliformis*, *Pongamia pinnata*, *Emblia officinalis* & *Dalbergia sissoo* have been planted (Total 80 in no.). The progress report of the project so far is as follows:

- Survival percentage is 91%
- The results are quite encouraging & fly ash can be successfully utilized as nursery material.
- It will also help to enhance the growth of tree species reducing irrigation & fertilizer requirements.

Study on impact of ANR practices on Biodiversity:

Objective:

- To analyze the impact of ANR treatments taken up under different programs/schemes in Odisha over an age gradient on the forest composition, structure, and floral biodiversity
- To assess the implication of resultant biodiversity in terms of products and services flow for livelihoods augmentation



iii. To gauge the impact of ANR treatments on faunal diversity



M/s. CTRAN, Bhubaneswar has been entrusted with the job to take the above studies in Koraput, Rayagada, Balliguda, Phulbani & Jeypore Divisions. The work is under progress.

Study on JFM implementation models in Odisha:

Objective:

- To analyze and compare the provisions and institutional arrangements under different Joint Forest Management practices / implementation models in Odisha
- To compare and contrast the elements of forest governance under these models / practices, with focus on stakeholder participation.
- To analyze the impact of such projects /schemes on the local ecological, economical, social and livelihoods.
- To document best practices, delineate determinants of success and list out key challenges and road blocks.
- To suggest policy and implementation strategies for enhancing efficiency of JFM in terms of participatory forest governance, sustainable forest management and equitable community gains.

M/s Amity School of Natural Resources & Sustainable Management, Noida (U.P) has

executed the work in Koraput, Rayagada, Angul & Deogarh Divisions and submitted the final report. The concluding remarks of study are as follows:

The process of empowerment is an arduous task and will take time, but the continuous effort is required to recognize peoples' Institutions (PIs) with an optimistic approach of development practitioners for JFM programme to make it more people-centric. Co-operation among different stakeholders is the key to success of JFM models. Therefore, co-operation among the F.D officials, villagers, NGOs as well as different village level organizations are of crucial significance. At the same time, capacity building/skill up gradation programmes (and motivations) through OFSDP for the stake holders and



dissemination of information on the duties, responsibilities, broad provisions in the JFM, accountability etc. to the user groups could indeed strengthen their forestry activities to sustain forest management for a better sustainable livelihood and sustainable management of forest.

Research studies on Casuarina:

Objective:

- To study the growth behavior of Casuarina and Bio-mass production in various sites.
- Determination of optimal spacing for optimal vigour of Casuarina.
- To standardize nursery techniques for raising Quality Planting Material.
- To standardize silvicultural interventions for enhancement of growth.
- Determination of Rotation period for Casuarina.
- Studies on formation of root nodules & N- fixation in Casuarina.

Details of research design and guidelines for the study of growth behaviour and biomass production in *Casuarina equisetifolia* and *Casuarina cunninghamiana* have been provided to D.F.O, Balasore (WL) Division to start the work. State Silviculturist, BBSR has been requested to take up another part of the research study i.e on "Introduction of suitable clones and to conduct provenance trial for best suited clone for Odisha condition and Multi - locational trials of Casuarina to study the growth behaviour and bio-mass production".

Study on "Indigenous Traditional Knowledge of Paudi Bhuyans in Odisha" and "Protection and Conservation of Sacred Groves in Sundergarh District"

These two studies are being taken up, through DFO Bonai Division and work is under progress.

Objective of study - I. Indigenous Traditional Knowledge of Paudi Bhuyans in Odisha:



- Documentation of existing traditional practices with respect to ethno biological uses and its ecological perspectives; traditional agricultural practices, enumeration of RET species and their use in lives and livelihoods and adoptive

strategies to address emergencies like famine/drought etc.

- GIS mapping of customary boundary in the study area.
- Preparation of Biodiversity Register in the study area.

Objective of study - II. Protection and Conservation of Sacred

Groves in Sundergarh District:

- Identification (along with GPS demarcation) and characterization of Sacred Groves.
- Biodiversity assessment of the sacred grooves.
- Evaluation of their socio-cultural, ecological and environmental importance.

Research study on crab rearing, fattening and fish rearing in the mangrove areas:

Research study has been initiated for crab rearing, fattening and fish rearing in the mangrove areas in Bhadrak (WL) Division under the technical supervision of Dr. D. Satpathy, Professor in aquaculture, College of fisheries, OUAT, Berhampur in order to develop a protocol to improve the livelihood of the villagers.



Besides above, the following project is in pipeline:

Research Proposal on Detailed Study of Non-Conventional Minor NTFP Products

Objective:

Some of the important objective of the study includes the

following:

- To screen, analyze and collect information on medicinal / aromatic plants and minor NTFP in Odisha from various sources.
- To study and derive stratum and sample size with respect to its occurrence and spread in

the project area (Division/ Range wise) and their usage & local consumption through socio-economic primary surveys in the sample villages.

- To study the demand pattern within and outside state for developing an efficient supply chain to maximise benefits to the primary producer.
- To develop strategy for introduction and improvement of processing techniques to maximise gains for the collector/gatherer and to make sustainable source of income.

Nakshatra Vana



Our astrologers believe that the Nakshatra under which one is born has strong influence on destiny and thus suggest worship of specific plant. Based on this belief, the concept of "Nakshatra Vana" has been explored.

It is believed that if one plants a tree associated with one's star that will bring

good luck to him. So people buy and plant them at their homes. Astrologers believe that each constellation of the zodiac is associated with a tree. A Nakshatra Vana has been developed inside Khandagiri Research Station under Silviculture Division, Bhubaneswar, where trees associated with the 27 constellation or nakshatras have been planted. Those trees are of medicinal, social, aesthetic and economic value. It is a noble

concept to popularize tree planting.

All the DMU Chiefs have been advised for establishment of a Nakshatra vana at Districts Quarters or nearby places at conspicuous locations to act as a demonstration centre to motivate the people, VSS members, school & college going students for planting trees.



Convergence

Project is making concerted efforts for convergence with different line-departments and resource agencies for overall development in the project VSSs/EDCs. Convergence relating to infrastructure development, basic amenities (drinking water, sanitation facilities, health, and veterinary services), agricultural support, energy solutions, skill development, marketing of rural products and economic up gradation through various economic plantations in the back yard etc. are in full swing. Project is also exploring opportunities for fruitful convergence to augment a sustainable livelihood structure in the project villages. Some examples of convergence activities going on in the project villages are with -

- National Horticulture Mission (Economic support, seedling of economic importance, training and monitoring the growth)
- National Rural Health Mission (Health facilities, Training of Animators as Fever Treatment Depots etc.)
- Water and Sanitation Mission (Drinking and Sanitation facilities and maintenance support and training)
- Agriculture Department (Subsidy on Agricultural equipments, quality seeds, technical support and training)
- ORMAS (Skill development and marketing support)
- Odisha Bamboo Development Agency (OBDA) (Training in Bamboo crafts and marketing support)
- NREGS (Inclusion of project VSSs in NREGS activities for employment and creation of village assets)
- Veterinary Department (Vaccination of livestock)
- OREDA (Solar lights to the project Villages)



Convergence vis-a-vis VSS Linkage with Mainstream Development

Convergence is an important option for holistic development. For this purpose project level efforts, through DACs and executive orders to different departments by the Chief Secretary has initiated the process. Various developmental activities are in progress with the convergence coordination with different departments. Besides this, VSSs are being sensitized about the need of VSS participation in Palli-Sabhas and linkage of VSS plans with GP plans for getting continual benefits through allocations from mainstream development programmes.

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Major Convergence Activities / Initiatives

With NRHM



Gaon Kalyan Samitis

"Gaon Kalyan Samitis" are formed in the Project villages to provide various health facilities under NRHM programme. These GKS will work in association with VSSs and VSS facilities will be provided for proper functioning of GKS activities and consequent benefits to the villagers.

GKS and VSS are working in close cooperation with each other for better health service delivery in the project areas. Where GKS is not functional, VSS will be prepared to supplement the role of GKS.

VSS-Health Resource Centre

VSS Office building is being promoted as Health Resource Center and it will be the health service delivery point.

Malaria Eradication

Malaria is one of the major health problems in forest areas. Considering this, project has taken up the following activities in convergence with NRHM in the project villages -

- 394 VSS Animators have been trained up in convergence with NVBDCP (National Vector Borne Disease Control

Programme) as FTDs (Fever Treatment Depots) in Koraput, Kandhmal and Gajapati districts to take up the malaria control measures where ASHA workers are not present. These Animators are now being engaged in treatment of non complicated malaria cases under the guidance of health department. Similar trainings and engagement of VSS Animators are planned for other Project areas as well)

- 77,164 medicated mosquito

nets (LLINs) have been supplied in convergence with Health Department in 670 VSSs in Angul, Balliguda, Bonai, Deogarh, Jeypore, Keonjhar, Koraput, Phulbani, Paralakhemundi, Rayagada, Rourkela and Satkosia DMUs.

- VSS will be provided with IEC material on malaria to disseminate in their villages.

Deworming

Deworming activities are going on in convergence with Health Department.

VSS-Anganwadi Centre

VSS buildings are being utilized as a resource centre for the community. Various Departments are using these infrastructures for their activities.

VSS infrastructure is being utilized for Anganwadi Centres where Anganwadi Centres are not available, and for Integrated Child Development Services (ICDS).





Subsidy on Farm Machineries / Implements

Directorate of Agriculture and Food Production, Odisha, vide letter no. IS(12)-02 Pt./08-794/ Agril, dated 21st January, 2009 has clarified that VSSs and SHGs are eligible to avail subsidy on farm machineries and implements as per the "State Agriculture Policy-2008". Thus Agriculture equipments like Power tillers, Paddy Thrashers etc. have been provided to the VSS through the EPA funds, as a result of which the villagers are able to use these equipments on payment of a nominal 'user fee' to the VSS.

Cattle Healthcare

Veterinary camps are being organized with support of Veterinary department for livestock immunization, medicinal support and training for administering medicines to the animals and also for de-worming of goats.

Theme wise status of convergence in the project VSSs has been provided below:

Status of Convergence- for holistic village & community development

| THEME | Departments/ Schemes/ Programs/ Agencies | No of VSS | INTERVENTIONS |
|---|---|-----------|---|
| Livelihoods Promotion through Agriculture | Department of Agriculture | 256 | Paddy cultivation in SRI technique, Technical Support to Farmers, Provisioning of Oil seeds, Corn seeds, paddy and Vegetable seeds. Support to purchase Spray Machine, Pump sets, Power Tiller, Thrasher and other agricultural equipments etc. Supply of fertilizer and pesticide at a subsidized rate. Training on Banana Cultivation etc. |
| | Horticulture/NHM | 450 | Support for Fruits bearing trees/Grafted Mango/ Grafted cashew, vegetable seeds, Floriculture, Mango Seedlings, Banana Seedling, Litchi Seedlings, Lemon seedlings. Technical Support to Farmers, Onion Storage Structures, Supply of Seed Packets, Banana cultivation, Ginger/ Mango/Seeds distribution & Plantation, Supply of Veg minikits, Technical inputs and training for floriculture, Kitchen garden, Back yard horticulture plantation, Yam, Hybrid Papaya etc. |
| | Panchayat/Block/ DRDA | 85 | Vermicomposting, Soil Working, Supply of Horticulture plants |
| | Other Government Agencies/Projects (OTELP, Watershed, NABARD, ITDA,KVK) | 16 | Vegetable cultivation with systematic irrigation technique, Land development, Cashew orchard and field canal, Agriculture (SRI), Soil Conservation, Irrigation facilities and introduction of new technologies in agriculture |
| | NGOs | 25 | Promotion of Grain Bank and medicinal plantation |
| | Soil Conservation Dept. | 17 | The SMC & Watershed programme was implemented by 13 VSSs, Land Development |

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| THEME | Departments/ Schemes/ Programs/ Agencies | No of VSS | INTERVENTIONS |
|---|---|-----------|--|
| Livelihoods Promotion through Agri- Allied activities | Department of Fishery, Livestock and Animal Husbandary, NABARD, Bamboo mission and Other Government Agencies/ Projects. | 115 | Pisciculture, Animal Health Camp, Silvicultural operation, cleaning, soil work, Deworming, vaccination camp, training on IGA promotion ,Poultry, Vaccination to cattle and chicks, Mega livestock health camp and Artificial Insemination, Provisioning of quality fingerling, introduction of improved bucks for breed improvement of goats etc. |
| Livelihoods promotion through Skill Development | KKDA, ORMAS, OBDA,ORUPA,ICDS, KVK, NABARD,DIC and local NGOs (HRDC , Banabasi Seva Samiti , Helpage India, ISARA, CIVA, CENDERET,Jana sikhyan sansta etc.) | 81 | Training on Bamboo Craft, Mushroom Cultivation & Honey bee keeping, Support for Rice Haller unit, Goatary, Siali leaf plate making, Jack Fruit Slice Making , Orange Flesh Sweet Potato, Irrigation through Gravity Water Flow, Training on Fine art, Cane & silver ornaments making, Food processing, ,Vermicomposting ,Candle, and incense sticks making etc. |
| Developing Water Resources | Panchayat/Block/ DRDA/PHD/RWSS/ DWSM/TSC/Other Government Agencies/ Projects Panchayat RWSSBlock/DRDA/ Horticulture/NHM, Other Government Agencies/Projects | 160 | Excavation of pond, Check Dam, Renovation of Tank, Gravity flow water Supply, Construction of Farm pond, Water harvesting structure, Repair of tube well through SEM, Drainage line repair, IHL, Supply of drinking water during summer, Installation of Tube well, Renovation of existing old and damage irrigation canal, Guard wall, Diversion weir, Cause way and Bore Well. |
| Augmenting access to Health services | Department of Health/ Family Welfare/NRHM | 816 | Medicated mosquito net distribution(LLIN), Health camp, FTD Training for Animators for early detection of malaria, Cleft lips-treatment and Eye Check up camp, Deworming Camps, water purification, Monetary support to patient. Facilitate patient approach to dist. Medical care, Promotion of Institutional delivery, Supplementary Nutrition, Supply of Panchaybadhi Kit, Awareness programme on HIV/ AIDs, Baby show. |
| Improving Village Sanitation | PHD/RWSS/DWSM/ TSC/ local NGOs/ BLOCK | 27 | IHL (Individual HH Latrine)Jalaparimala Samiti formed=15, Sanitation Campaign=26 & No of Swajaladhara=10.Water Supply,The Solar Electrification & Sanitation points were implemented by 08 VSSs. Village complete sanitation Construction of H.H Sanitary toilet Drains/soak pit |
| Rural Connectivity | MGNREGS/ Panchayat/ Block/ DRDA | 24 | Connecting Road, Construction of concrete and morum Road, Causeway over link road, Ghat cutting link road/bridge Repair/Culvert etc. |
| Rural Electrification | OREDA/DRDA, Electric Department, NTPC,RES,ICOMM | 48 | Solar Light, electrification to VSSs, Supply of Solar light , Smokeless Chullah etc. |



| THEME | Departments/ Schemes/ Programs/ Agencies | No of VSS | INTERVENTIONS |
|---|---|-----------|--|
| Fuel Efficient Device | Local NGOs/OREDA/DRDA | 40 | Bio-Gas, Indigenous fuel efficient smokeless chullah |
| Education | Education/DPEP/OPEPA | 20 | Deployment of Para Teacher/education Volunteer,Regularise school teacher, Facilitate establishment of New DPEP School |
| Social Security | Block, Department of Health/Family Welfare/NRHM | 7 | Jala Chatra (Drinking Water facility during summer), old age pension. |
| VSS Building used as Village Information centre | Department of Health and Family Welfare, NRHM, RWSS, DWSM,Panchayat, Block/DRDA, Other local NGOs | 93 | Organising various trainings, meetings and awareness camps in the VSS Building,Functioning of Anganwadi Centers, Supply of resource materials to the VSSs, Dissemination of Information etc. |



Medicated Mosquito net through NRHM



Malaria Blood sample testing by Animator, as FTDs



Cattle immunisation through Veterinary Department



Biogas- through OREDA-DRDA



Bamboo crafts training through OBDA



Road - convergence with NREGS



VSS - Institutional Development



Project sees VSS as the driving force in project village; with this objective all the activities revolve round the VSS in each village. Project is taking all efforts for holistic development of these VSSs and equipping them with all possible developmental logistics along with extensive Capacity Building support and linking them with ongoing development efforts. Major VSS level activities undertaken during the year are outlined below -

- Formation of VSSs and opening the bank accounts in the 4th batch sites.
- Finalization of the micro plans in the 4th batch VSSs.
- Multipurpose "office-cum-meeting hall" building and essential office equipment/ furniture (such as chairs, tables, almirah/shelf) was provided to each of the

Project VSSs. Such multipurpose buildings have already been constructed in the first, second and third batch VSSs, and are at different stages of construction in the fourth batch VSSs.

- Funds transferred for EPA and office building to the 4th batch VSSs.
- In the 1st, 2nd and 3rd Batch VSSs, EPA activities continued and movable assets such as Weighing Balance, Transistors and other logistics were provided. Keeping IGA prospects, construction of drying platform for NTFPs was taken up in these areas.
- Animators for the 4th batch VSSs were engaged and capacity building of these Animators were taken up for smooth functioning of VSSs.



VSS as Village Resource Centre

Project effort for evolving the VSS office-cum-meeting halls as Village Resource Centres (VRC) continued for maximizing the VSS capabilities for undertaking different developmental interventions and for enhancing sustainability. Major logistics provided and activities being taken at VSS level are -



- Office and Multi Purpose Meeting Hall
- VSS office documents -
 - VSS Registration
 - Memorandum of Understanding
 - VSS Membership List
 - VSS Executive Body (name, designation, education, working w.e.f.)
 - VSS Management manual
 - Animator - with profile, date of engagement
 - JFM Area Map
 - Micro Plan - PRA Formats - resource map, in-out flow, EPA, IGA lists skills,
 - Treatment Map
 - VSS Account - bank Pass book
 - VSS Resolution Register
 - VSS Cash Book, supporting vouchers, Measurement Book, SOEs,
 - VSS Audit Report
 - VSS office-cum-Meeting Hall -plan, estimate, land status, alienation,
 - EPA list - management-maintenance plan, user fee, use details
 - Pilot IGA - SHGs, Activity,
- Amount loaned, Interest, Activity status
 - VFDF status
 - Transparency Boards
- Other VSS logistics for village development as per micro-plans:
 - Weighing scale for all the VSSs
 - Agricultural equipments, Pump set, Generator etc.
 - Drying Platform and other processing machines for value addition to the rural products.
 - Solar lights / spot lights / Petromax
 - Meeting logistics such as Cement platforms, Dari, lighting arrangement, utensils, sound system, radio/TV/ phone facility etc.
 - First Aid Box with essential medicines for minor ailments and for emergency situations
- Human Resource Development
 - Capacity Building of Animators, VSS members and skill development of SHGs.
 - VSS exposure to different development efforts in and outside the state.
- VSS involvement in GP level activities and ensuring their participation in trainings conducted by different resource agencies.
- Use of VSS infrastructure for important meetings relating to Village development -
 - Monthly Executive Committee Meetings
 - GP Level Federation Meeting
 - Mission Shakti Meeting
 - SHG Meetings
 - GKS Meetings
 - Use as Health and Immunization Centre
 - Primary Education - morning and evening classes for school going children.
 - Meeting with Line Departments
 - Pali Sabha
 - Village youth meetings
 - Village conflict resolution centre
- Use of VSS building as storage facility for SHG products.
- Convergence coordination with different line-



departments and VSS linkage with development efforts. Major initiatives taken with -

- Agriculture Dept.
- Veterinary Dept.
- Horticulture Dept.
- NRHM
- ORMAS
- NREGS

- in progress with GP level developmental programmes.
- IEC at VSS level
 - Project IEC support through Newsletters, Posters, Booklets on different aspects of forestry and livelihood promotion.
 - Intellectual Centre (Banani programme, IEC material

on different development programmes

- Beside the project IEC, VSSs are being equipped with different IEC of different Line department and resource agencies for specific understanding of the development needs of the village and maintenance of the created assets.

VSS - Capacity Building

At the VSS/EDC level focused trainings were organised for VSS/EDC and SHG members by the Divisions. In total 26,420 man-trainings were provided to VSS members during the year. As per the training calendar following thematic trainings were organised for VSSs and SHGs -

For VSS/EDC

- VSS/EDC promotion, Awareness and Information Dissemination on OFSDP.
- Microplanning-I - Baseline data collection, PRA at village level and Livelihood Analysis.
- Soil and Moisture Conservation, Continuous Contour Trenching (CCT).
- VSS/EDC Exposure visit to best practices within DMU during September, 2009.
- Micro Planning-II-input from exposure, Forst Development Plan, species selection including Nursery, Fodder and Forage Selection, Village Perspective Plan, Annual Plan and Utilization of grid map for detailed microplanning.
- VSS Book Keeping, Fund Management, Micro-Finance.
- Forest Protection-Grazing Management and Fire Control.

- Livelihoods Vision, IGA, Skill Transfer Training, Health.
- Participatory Monitoring and Review of VSS activities.
- Refresher Training on VSS Book Keeping, Fund Management and Loaning to SHGs.
- Need based Training/ Refresher for VSS/EDC/SHG/ CIG.

For SHGs

- SHG/CIG Promotion & OFSDP Livelihood Perspectives.
- S H G / C I G - I G A , Microenterprise and Marketing.
- SHG Book Keeping, Fund Management and Micro-Finance.
- SHG Exposure visit to Best Practices within DMU.
- Need based Training/ Refresher for SHG/CIG.





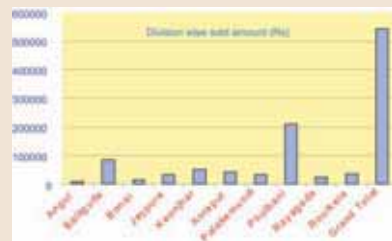
Participation of OFSDP in the State Level Annual Adivasi Mela - 2011 (26th Jan - 9th Feb 2011 at Adivasi Exhibition Ground, Unit -VI, Bhubaneswar)

Odisha Forestry Sector Development Project (OFSDP), like the previous years, participated in State Level Annual Adivasi Mela -2011.

The Project, this year, facilitated 54 SHGs & 108 SHG/VSS members to participate in the Mela from 43 Vana Samrakshana Samities (VSSs) from Angul, Balliguda, Bonai, Jeypore, Keonjhar, Koraput, Parlakhemundi, Phulbani, Rayagada and Rourkela Divisional Management Units (DMUs). They made a business of Rs. 5.45 lakh over a period of 15 days by selling 55 types of NTFPs, farm and non farm based items. The profit was between 20% to 40%, depending upon the items. Huge demand for Hill brooms, Honey, Harida, Bahada, Aonla, Turmeric

powder, Ragi powder, Jhuna etc, was noticed. At the entrance of the OFSDP stall, a model of a typical Project village, depicting various project activities undertaken by VSS was displayed. Visitors showed keen interest in the model. Sr FEOs from different DMUs were engaged on rotation basis to explain about the various developmental activities undertaken under the OFSDP in the forest fringe villages. The video documentary films on project activities were also played and appreciated by the visitors.

The SHG / VSS members, who hailed from very remote areas,



had a wonderful and rich experience by visiting the capital city, selling their products at such a platform and interacting with other SHG members. The mela was very effective in providing an interface between the SHG members from remote tribal areas and the urban populace and exposed them to an entirely new opportunity of being part of State level event.



Forestry Interventions

Restoration of Degraded Forests

During the year 2010-11 reforestation activities over 77,222 hectares were carried out in 756, 3rd batch VSSs and the revisited sites of the 1st and 2nd batch VSS under the JFM mode and in the AR Teak plantation under the non JFM mode .

This comprise Assisted Natural Regeneration (ANR) over 48,880 ha and 15,795 ha of Block Plantations (3428.5 ha of Economic Plantations, 746 ha. of Bamboo Plantations, 3888.5 ha of Fuel and Fodder Plantations, and 7732 ha of NTFP Plantations).

Additional area of 6873 ha (ANR over 1806 ha and block plantation over 5067 ha.) in some 1st and 2nd batch JFM sites were also covered after revisiting this year.

At different block plantation sites, 6.42 lakh seedlings were planted this year on a single day (7th July, 2010) as a part of state wide mass plantation drive.

Micro-Plans for 237, 4th Batch sites were completed covering forest treatment area of about 23,300 ha. Out of this gross treatment area, an estimated area of 16188 ha has been planned for treatment under ANR, 1415 ha Economic plantation, 1217 ha Fuel & Fodder plantation, 298 Bamboo and 2745 ha NTFP species. It is also planned to take up 2786 ha of AR Teak plantation next year. ANR silvicultural cleaning, raising of nurseries, and soil & moisture conservation activities have started in all these sites.





DMU-wise Achievement upto 2010-11

| Division | JFM Sites | JFM Mode in ha. | | | | | | | | AR Teak | Mangrove | Casuarina |
|----------------|-------------|-----------------------|--------------------------|---------------|-------------|---------------|---------------|--------------|---------------|-------------|-------------|-----------|
| | | ANR with Gap planting | ANR without Gap planting | ANR | Eco | Fuel & Fodder | Bamboo & Cane | NTFP | Total | | | |
| Angul | 200 | 5130 | 7042 | 12172 | 484 | 442 | 337 | 1447 | 14881 | 580 | | |
| Balliguda | 164 | 2203 | 8453 | 10656 | 466 | 352 | 130 | 1032 | 12635 | 832 | | |
| Bonai | 94 | 4777 | 1252 | 6029 | 156 | 52 | 216 | 1284 | 7737 | 145 | | |
| Deogarh | 216 | 5235 | 12163 | 17398 | 99 | 137 | 327 | 705 | 18665 | 355 | | |
| Jeypore | 175 | 5452 | 6951 | 12403 | 603 | 528 | 212 | 1609 | 15353 | 1240 | | |
| Keonjhar | 215 | 7647 | 3813 | 11460 | 567 | 647 | 10 | 380 | 13064 | 325 | | |
| Koraput | 271 | 8243 | 5025 | 13268 | 1793 | 3277 | 447 | 5949 | 24733 | 2170 | | |
| Paralakhemundi | 157 | 1506 | 8711 | 10217 | 566 | 97 | 16 | 202 | 11098 | 340 | | |
| Phulbani | 208 | 2867 | 14019 | 16885 | 347 | 360 | 119 | 348 | 18058 | 640 | | |
| Rayagada | 202 | 4935 | 6162 | 11097 | 560 | 862 | 121 | 1870 | 14510 | 1632 | | |
| Rourkela | 120 | 6215 | 2255 | 8470 | 323 | 143 | 92 | 1373 | 10400 | 560 | | |
| Balasore WL | | | | | | | | | | | 205 | 60 |
| Bhadrakh WL | | | | | | | | | | | 1801 | 7 |
| Total | 2022 | 54208 | 75845 | 130053 | 5963 | 6896 | 2025 | 16197 | 161133 | 8819 | 2006 | 67 |

Plantation maintenance activities during the year -

- 2nd year maintenance activities including casualty replacement was carried out in the plantations raised during 2009-10.
- 3rd year maintenance activities were taken up in the plantations raised during 2008-09 in the 1st batch sites.



Coastal Plantation

Mangrove Plantation

1055 ha of Mangrove Plantations was raised in Bhadrak and Balasore (WL) Divisions under Coastal Plantation component during 2010-11.

3rd year maintenance works were carried out in the 320 ha. plantations raised during 2008-09 and 2nd year maintenance works were carried out in the 631 ha plantations raised during 2008-09

The Project evolved 4 treatment models based on the tidal pattern and soil conditions. These models are -

1. Type -1 : Plantation of mangrove associates in up

lands close to saline embankment, where tidal water flow is very infrequent.

2. Type -2 : Mud flats (planting mangroves in fishbone channels)

3. Type -3 : Assisted Natural Regeneration in mud flats towards the sea front which support low density degraded mangroves and have frequent tidal inundation in part of the areas.

4. Type 4 : Planting hypocotyls in tidal flats on sea front with daily tidal inundation.

Project has prepared a 'Technical Manual for Mangrove Restoration' on the basis of experience gained during the course of mangrove plantation process in Bhadrak and Balasore (WL) Divisions. Main aim for developing this manual was to put forth a document for understanding of various techniques of mangrove plantation, area selection, nursery raising, casualty perspective and species requirement for different site conditions in the project area and uniformity of interventions.





Casuarina Plantation

5 ha of Casuarina Plantation have been raised during 2010-11. 2nd year maintenance has been carried out in 12 ha of plantation raised during 2009-10. 3rd year maintenance has been carried out in 50 ha of plantation raised during 2008-09.

A scheme has been prepared for harvesting old Casuarina plantations in Balasore and Bhadrak WL Divisions along with replanting such areas with a view to maintain functional shelter belts in sandy coastal areas.



Community Participation in Coastal Intervention



Opportunities for fuel wood, fodder plantations and LPG connections are being explored to reduce dependency on mangrove forests for fuel/ fodder and also to promote alternate livelihood options.

Mohanpur village of Bhadrak Division is a typical success story. Here, 220 ha of Mangrove plantation were raised in 2008-09 in this village. During October, 2010 when the Odisha coast experienced cyclonic low pressure, the three years old Mangrove Plantation played a very crucial role in saving 800 acres of mature standing paddy crops from saline water intrusion. Mr. Dayanidhi Mallik, the President of the EDC and Mrs. Chhabirani Mandal, the Executive Committee Member proudly narrate "Our Mangrove plantation reduced the 6 ft. height fast tidal waves to 3 ft. height slow wave. Thus the saline water could not enter our agriculture field. As a result, we

could harvest the entire paddy this year". The villagers are also getting the following benefits:

- As the mangrove plantation areas are free from crab and fish collection, this area is acting as the breeding ground for the crabs. Now the fishing folk are getting 4 to 5 kg of crab from each catch from the long line net. Earlier, there was no crab catch.
- The villagers have voluntarily banned open grazing since 2008-09 in the plantation area. As a result, palatable 'Dhani' grasses are now available in plenty from the plantation area. These grasses are collected by the villagers and cattles are mostly stall fed. The milk production from the Buffaloes has increased from 4 - 6 ltrs to 8-12 ltrs per day due to the availability of green grasses.
- The fishing communities are also getting fish and crab catch in the fish bone channels made for raising plantations, which are very near to the village.

Exploratory works has been taken up for 'crab production' as a potential IGA in 2-3 EDCs.



Biodiversity Management

based Eco-tourism and its application in Satkosia George Sanctuary" has been developed.

Project is also pursuing an approach of EDC clusters considering that eco-tourism activities can best be taken up by involving the community for their larger participation in Eco-development including protection of wild life habitats.

17 EDCs have been formed / revitalized in 4 clusters. Micro planning has been completed in all the EDCs.

Implementation of Micro Plans was started, for which funds were



transferred to the EDCs. Solar fence around the villages to prevent elephants entering into residential/cultivated areas has been completed in 8 villages. In addition, anti-degradation squads have been formed in five EDCs of Purunakote cluster.

EDC(PA) Micro Planning

Project has evolved a process based approach for comprehensive micro-planning in EDCs in Protected Areas through a participatory process, involving the communities, forest department officials facilitated by the experts (General Consultant). A "Conceptual Framework for Eco-development including community

Eco-Tourism Development



Development of Eco-tourism sites in Purunakote cluster - A Day Nature Visitor Center was established at Goindy considering the eco-tourism potential of the site and to reduce

the pressure from the core area. Eco-friendly cottages have been designed by 3 young Architect Volunteers from University of Edinburgh, UK. 5 such cottages are being constructed, using compressed earthen bricks, bamboos, and bamboo corrugated sheets as roofing materials to ensure low carbon foot print. Eco-tourism Groups (ETGs) have been trained in Hospitality, to manage these facilities. Project has also identified a few sites viz. Udaipur in Balasore Division, Gandahati in Parlakhemundi Division and Mandasur in Phulbani Division for Eco tourism destination development.

Since the Protected area is also a "Project tiger area" and part of "elephant reserve" lot of funds are available from different schemes for habitat management activities.

Project is analyzing the planned interventions under different schemes with a view to bring convergence and identify gaps if any, so as to ensure that benefits of community mobilization activities implemented under the Project strengthen the overall conservation efforts.

A proposal for declaring Kuldiha-Hadgarh-Similipal Elephant corridor as 'Conservation Reserve' prepared by the Project has been submitted by PCCF (WL), to the Government. Similarly a proposal for declaring Mandargiri in Angul as 'Biodiversity Heritage site' has been submitted to State Biodiversity Board. A Draft Eco tourism policy for the State has also been prepared and submitted to the Government through the PCCF (WL).



Non-JFM Interventions

Artificial Regeneration -Teak

Teak plantations were raised on 5674 ha during the year. 2nd year maintenance work in 2535 ha of plantation raised during 2009-10 and 3rd year maintenance of 610 ha of plantation raised during 2008-09 were carried out this year. Preliminary operations were in progress for about 2800 ha targeted for the year 2011-12.

Due to low achievement, DMUs were directed to make concerted efforts for identification of suitable areas from out of the areas where such works are prescribed under the working plans. **Qualitative improvement in planting techniques has been initiated through promotion of root trainer seedlings.**

From the field visits, it was observed that teak root trainer seedlings have better growth in terms of girth at base, and clean stem even during the first year of plantation, although height growth is slightly lower compared pre-sprouted seedlings. Specific qualitative analysis of growth and survival of teak plantations raised using root trainer seedlings is being done for dissemination of the technique to all the divisions.



Improved Nursery Techniques



With a view to demonstrate the use of modern techniques for production of quality planting material, Project has established a mist chamber nursery in Angul Forest Division. Project envisages such mist chamber nurseries in other project divisions. Feasibility for such nurseries is being analyzed.

Besides the provision of Mist chamber facilities, project is promoting nursery raising through "Root Trainer Technique" and "Raised platform techniques". Centralized nurseries at Range and Division level are actively using these techniques for raising quality planting stock to be planted in the project areas. Adequate capacity building measures were taken for frontline forest functionaries.

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Forest-Type Improvement

After detailed analytical discussion about activities under the 'Forest Type Improvement' sub-component, following type of silvicultural operations have been taken up:

- Tending and regeneration of old Teak Plantations in Bruti PRF in Angul Division over 10 ha.
- Silvicultural operation of

Daba bamboo clumps over an area of 10 ha in Rayagada Division in Kodupadu RF.

- Continued support to improvement of Medicinal Garden and In - situ conservation of medicinal plants over an area of 32 ha. in Chatikona RF in Balliguda Division.

Other detailed proposals along with name of forest block/compmt,

working circle, type of works e.g. Susidiary Silvicultural Operation, C-Grade thinning in Teak plantation, silviculture operation in Bamboo clumps/Medicinal Plant Conservation areas etc. are under preparation by the DMUs. Selection of accessible areas on priority has been emphasised upon for higher demonstration value.

Improvement of Forest Boundaries and Forest / VSS Link Roads



Link Roads: 38.4 km have been constructed and 18.4 km have been repaired. 38 culverts, 44 causeways have also been constructed.

Another important work taken up under the project is consolidation of forest block boundaries through construction of standard pillars in place of temporary pillars, and renovation of such pillars along with boundary clearance and taking GPS coordinates of boundary pillars.

Under this, such forest blocks are taken where part of the area has been taken up for restoration / treatment under the project in JFM mode. A total of 150 blocks have been taken up in 11 forest divisions and so far 2301.77 km of boundary clearance has been done with repair of 4893 pillars and construction of 9020 new pillars.



Project provides for improvement/ development of forest roads and VSS link roads for improving connectivity of the project villages. In the course of field visits it has been seen that practically all project villages have basic roads, but there are disruption during rains. Hence, **focus is on creation of permanent structures viz. culverts, retaining walls, etc, under the project to enhance service life of such roads** with earth works to be dovetailed from NREGS or other sources wherever required. Similar efforts are being made for need based improvement of existing forest roads.

Forest Roads: 195.52 km have been constructed and 136.85 km have been repaired up to the year 2010-11. 49 culverts, 92 causeways have also been constructed.

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Livelihood Layering

..... Efforts for Sustainability

Key to sustainability lies with the Community Efforts

Project lays special emphasis on livelihood promotion of the participating community. A robust livelihood can only pave path for sustainability of project inputs/efforts. Most of the project area is in the interior part of the state, has inadequate access to development efforts. A sizeable portion of living support comes from adjoining forests. Continuous exploitation of these forests has compounded the problems and its impact can be seen on forests as well as on the livelihood status of the resident community.

In this scenario project interventions have been planned to take immediate steps for providing livelihood support while planning for forestry related interventions.

At the entry level, project started its activities with EPA support for starting village level development activities and motivating the community towards project interventions. EPAs were theorized to facilitate creation of small community assets, which directly or indirectly will enable the participating community to take up alternative/additional income generating activities or to improve living conditions.

Interventions in all the 4 batches have started and motivated community is taking all efforts for development of their villages. Project's efforts are on to create enabling environment through exploring all the livelihood imperatives and alternatives to reduce their subsistence dependence on the forests. For this purpose project has adopted an evolving and demand driven approach and activities have initiated to make community self sufficient and responsive to their own development. Major steps taken in this direction are:

- All the VSS Office cum meeting Halls are being developed in Village Resource Centre for livelihood promotion and income support to the community.



- Augmenting Livelihood Assets through EPA/Convergence
- Physical capital-
 - ❖ Communication and accessibility
 - ❖ Energy solutions (Household energy, solar lights)
 - ❖ Agricultural implements, Farm Machineries
 - ❖ Water structures for irrigation and pisciculture
 - ❖ Drinking water facilities
 - ❖ Sanitation facilities
 - ❖ VSS-infrastructure
 - ❖ Community Meeting Places and other logistics
 - ❖ Renovation of Schools, Health centres - where required.
- Essential Services
 - ❖ Health
 - ❖ Education
 - ❖ Veterinary Services

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- Financial Capital -
 - ❖ VSS revolving fund
 - ❖ Village Forest Development Fund -(VDF)
 - Social Capital -
 - ❖ VSS- Community collaboration
 - ❖ SHG formation / rejuvenation / strengthening
 - Income Generation -
 - ❖ Small IGAs (Small Loan Support to individual SHGs)
 - ❖ Cluster IGAs by SHGs, CIGs
- The list of different assets created under EPA and their maximization through convergence efforts are detailed below:

EPA Interventions & Convergence

| Sl.No | Key Components | Activities | No of Units under OFSDP | No of Units through convergence |
|---------------------------|---------------------------------|--|-------------------------|---------------------------------|
| 1 | Asset Base for IGA | NTPF Godown/Drying Yard/Market Complex/Weighing Balance | 1117 | 0 |
| | | Tent house/Utensil set | 1188 | 0 |
| | | Support for small trading and business(pisciculture/poultry/Bee keeping, Musical band party, Sewing machine,Oil expeller, Cycle pumps) | 66 | 11 |
| 2 | Commun-ication & Accessibility | Audio-visual and Music system (Radio,TV,DVD) | 872 | 0 |
| | | Construction and Repairing of link road /bridge /Culvert/cause way etc | 953 | 20 |
| | | Telephone/Mobile/Wall Phone/Coinbox | 22 | 0 |
| | | Others (transparency board, Boat etc.) | 18 | 0 |
| 3 | Drinking Water Security | Construction of New tube well/dug well/shallow well/open well etc | 492 | 31 |
| | | Repairing/Renovation of tube well/dug well/shallow well/open well /platforms, Construction of bathing complex | 1021 | 233 |
| | | Rural drinking water supply/ Tanks | 83 | 30 |
| 4 | Education | Renovation of School | 29 | 1 |
| | | Development of Playground, supply of sports items | 71 | 0 |
| | | Supply of educational Material and construction of compound wall | 25 | 0 |
| 5 | Farming Support | Support for Agricultural Implements, Rice Hauler, Water pump | 762 | 98 |
| | | Compost pits | 29 | 2 |
| 6 | Health | Health awareness and check up Camps | 23 | 54 |
| 7 | Household Needs & Food Security | Smokeless Chulha | 3909 | 0 |
| | | Mosquito nets / Blankets | 2002 | 1893 |
| | | Supply of Grafted Mango Seedling | 31216 | 4450 |
| | | Support for Improved paddy seed | 14 | 14 |
| | | Support for vegetable seeds/seedlings | 1135 | 1128 |
| | | Promotion of Kitchen Garden and others | 12 | 7 |
| Vaccination to live stock | 503 | 481 | | |

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| Sl.No | Key Components | Activities | No of Units under OFSDP | No of Units through convergence |
|-------|--|---|-------------------------|---------------------------------|
| 8 | Lighting Solution | Rural electrification | 34 | 26 |
| | | Supply of Solar lights/Solar lanterns/Gas light/Petromax/other lights | 589 | 3 |
| | | Spot lights protection from Elephant | 693 | 0 |
| | | Electrification of VSS building, Generator and stabiliser | 113 | 0 |
| 9 | Meeting Place & Logistics | Construction/Repair of community hall, temple, churches etc. | 402 | 28 |
| | | Construction/Repair of sabha mandap and cement platform | 598 | 10 |
| | | Other accessories/logistic for meeting | 316 | |
| 10 | Sanitation | Bathing Ghat/ Steps | 170 | 2 |
| | | Bathing enclosures for ladies | 128 | 1 |
| | | Drains/Soak pit/sanitary latrines | 90 | 72 |
| 11 | Water Structures for Irrigation & Pisciculture | Construction of New Ponds/Canals | 55 | 10 |
| | | Renovation of ponds, LI Points, WHS, Check dams & Canal | 265 | 27 |
| | | Protection wall in river & nala bed, diversion wire and cause way | 3 | 2 |
| 12 | Others | KB Pump / Rope washer pump/Paddle pumps | 586 | 11 |
| | | Guard wall, Wall clock | 11 | 1 |



Livelihood Improvement

Livelihood improvement aims at the fulfilling of basic human needs (BHN) of the community. The Project envisages for the followings:

- Medical & Health Camps
- Establishment of Non-formal Education Centers
- Promotion of Fuel wood Saving Devices

The Project has followed a process based approach to mainstream the project villages in this regard by converging with the ongoing programmes of the other line Departments. 77,164 medicated mosquito nets (LLINs) have been supplied in convergence with

Health Department (NHRM) in 670 VSSs in Angul, Balliguda, Bonai, Deogarh, Jeypore, Keonjhar, Koraput, Phulbani, Paralakhemundi, Rayagada, Rourkela and Satkosia DMUs. A guideline has been issued by NRHM for engagement of the trained OFSDP Animators as FTDs and this has been circulated to concerned DMUs and CDMOs for necessary action. A total 394 VSS Animators have been trained up as FTDs in convergence with Health Department through NVBDCP (National Vector Borne Disease Control Programme) in Koraput, Kandhamal & Gajapati Districts to take up the Malaria

Control Measures where ASHA workers are not present. 3,138 indigenous "Fuel efficient Smokeless Chullahs" have been installed in 52 VSSs in Angul, Balliguda, Bonai, Deogarh, Jeypore, Keonjhar, Koraput, Paralakhemundi, Phulbani and Rourkela DMUs. It is also planned to train the educated youths from the indentified VSSs, which do not have a primary school within 1 km distance, to function as 'Instructors for the non-formal education centers', in collaboration with OPEPA (Odisha Promary Education Promotion Authority).





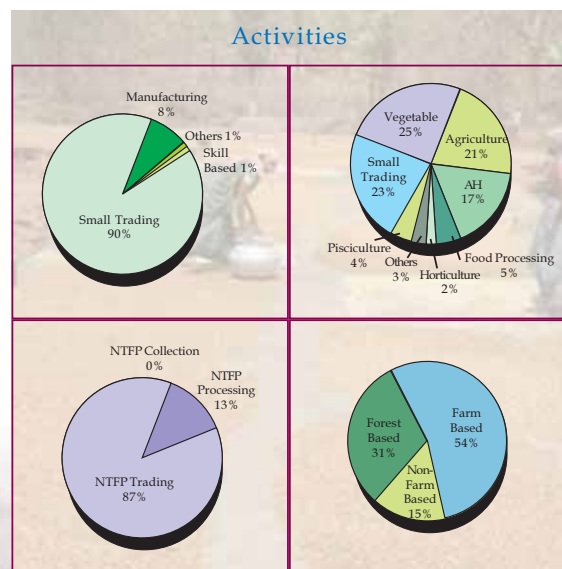
Income Generation Activities

Revolving fund @ 1 lakh per VSS has been released to Project VSSs from which loans are being given to SHGs for taking of different Income Generation Activities (IGAs). Project envisages a demand and result oriented approach rather than a target oriented supply driven approach for promotion of IGAs. Three expert IGA Support Agencies (MART, BISWA and APITCO) have been engaged by the Project for providing handholding

supports, capacity building of SHGs, and market linkage for better IGAs. Under the support of these expert agencies, the Individual SHGs are undertaking various small Income Generation Activities and common SHGs (12-14 in nos.) in a cluster form are undertaking a single product based IGAs. Till March 2011, 3947 nos. of loans were given by VSS to 2906 SHGs, 37 CIGs and 47 Individuals. The average coverage was about 67% of the total of the

project adopted VSSs. The following activities were preferred by the SHGs for which the loan support was made.

Under Cluster Based IGAs through SHGs, the detail Business Development Plan for 38 clusters was completed to start the Cluster IGAs. Out of these, 28 clusters have already initiated the IGAs & collective marketing of their products on various products as given in the table:



Cluster IGA up to March 2011

| DMUs | Cluster around the products |
|-----------|--|
| Balliguda | Potato (1), Siali(1), Turmeric-(1) |
| Phulbani | Siali (2), Turmeric (2) |
| PKD | Turmeric-(1) |
| Rayagada | Tamarind (2), Hill Broom (2) |
| Rourkela | Mohua (2) |
| Bonai | Mohua (2) |
| Angul | Onion(2) |
| Deogarh | Agarbati (2) |
| Keonjhar | Agarbati (1) |
| Jeypore | Siali(1),Tamarind(1), Char (1) |
| Koraput | Tamarind (2), Turmeric(1), Hill Broom(1) |

Agarbatti-3; Char-1; Hillbroom-3; Mohua-4; Onion-2; Potato-1; Siali-4; Tamarind-5; Termeric-5



Under capacity building programme, foundation training, Micro Enterprise Management, Skill training & Exposure Visits have been organized for SHG/ VSS members and Project staffs. 335 days for foundation training, 501 days for Micro Enterprise Management, Skill training for 125 days and 98 exposure visit days have been organized for up scaling IGA activities



Monitoring & Evaluation

PMU regularly reviews the progress through different meetings and field visits by the officials for assessing the progress and required support to the grassroots functionaries for proper implementation of different interventions. Forest officers at PMU have been nominated as nodal officers for different DMUs for more effective monitoring of activities through field visits, in addition to the tours by GC experts for process improvement. Under the monitoring and evaluation head some of the important activities taken up during the year are as under :



Project Review Meetings

- A meeting on 26.05.2010 was held at MoEF, New Delhi to discuss the status of Monitoring and Evaluation of the Project in which Project Director, OFSDP participated.



- A meeting was held at MoEF, New Delhi on 18.06.2010 to review the progress of the Project activities. Review was attended by IGF EAP, AIGF EAP, and other DIGFs from MoEF, and Ms. Kakuta, and Mr. Sarin represented JICA India. Innovative approaches under the Project aiming at institutionalizing JFM & community mobilization, EPAs focus on Livelihood, making IGA demand driven,

Community Based Eco-tourism, and Transparency were specially highlighted, which were appreciated.

- A meeting was organized by JICA, India in New Delhi to discuss the newly introduced CWPSS (Component wise Project Status Sheet), preparation of Reimbursement claims, Statement of Expenditure (SoE) and Audit related issues. The Joint Project Director (IME) and Joint Project Director (A&F) participated from the Project.
- A JICA Mission comprising Mr. Vineet Sarin, Lead Development Specialist and



Ms. Eri Kakuta, Programme Specialist, JICA visited the Project forest areas and interacted with the VSS members and Project facilitators. After the field visit the Team had a wrap up meeting with the Project Director and other PMU officers on 12.11.2010 at PMU.

- Additional Director General of Forests, MoEF, GoI held a meeting in PMU on 19.02.11, to discuss about the documentation of success stories under the themes 'JFM with livelihood' and 'Community based Eco-tourism' to be showcased during the occasion of International Forestry Congress, to be held during 25th to 28th November 2011.
- Project Director and Joint Project Director (IME) attended the Review meeting for JICA assisted ongoing Projects at New Delhi on 28.02.2011. The meeting was chaired by the Additional Director General of

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Forests, and attended by IGF, AIG (EAP) and representatives from JICA, India. A Power-point presentation was made regarding the Project Activities. The MoEF expressed its satisfaction on the overall progress of the Project. Project Review Meetings

Independent Third Party Verification of Assets

The second round of independent - third party - verification of assets created under the Project was initiated during the year 2009-10, covering 10% of the 1st and 2nd batch VSS selected randomly. All other assets created/acquired

under the project at various levels - PMU, DMUs and FMUs are also being verified. As part of re-verification, additionally 10% of Repeat VSS (covered last year for verification) and 20% of Problem VSS (where plantation survival rate was below expectation - verification of only plantation aspect) are also being covered.

Mid Term Evaluation of the Project Evaluation Team on Japanese ODA Visits OFSDP

The Mid Term Evaluation of the Project is being carried out by Sambodhi Research and Communications Pvt. Ltd., New Delhi. A quasi-experimental evaluation design is adopted for the MTE employing a judicious mix of qualitative and quantitative protocols. Mix design approach entailed a detailed household survey in tandem with Focus Group discussions with the SHGs and in depth discussions with the key stakeholders viz. NGOs and staff of Project Management Unit (PMU), Division Management



Unit (DMU) and Field Management Unit (FMU). As part of the assessment, a total of 204 project VSS/EDC and 23 non-project VSS/EDC are being sampled. Household survey is

being done in the entire sample VSS/EDC as part of socio-economic assessment with household schedule being the research instrument on 10 percent sampling intensity. Ecological assessment is being done in one-third of the sample VSS following standard ecological measurement protocols. In 35 of the select VSS/EDC, institutional assessment is being undertaken for assessing health and status of VSS/EDC and SHGs. Focus Group Discussions are being held with VSS and SHG members for the same. In-Depth Interview of project personnel and other key stakeholders are also being conducted to provide qualitative insights into parameters of assessment.

MIS Development

Project MIS is under development and following activities were taken during the year as part of this progress

1. MIS Booklets Published on EPA, CB, LLI, IGA, Coastal Plantation, Convergence for all 4 batches
2. Booklets for SMC, Plantation, Fire line & Decentralized Nursery is distributed among 3rd and 4th Batch VSS



3. The offline versions was installed in all VSSs in 11 DMUs for Entry of data into the Software
4. The online version also came in to existence from 1st August 2010 in the url. www.ofsdpmis.org
5. Workshops cum hands on Trainings were also organized in all the DMUs for smooth operation of the Software by the PMU.

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VSS Performance Assessment (2010-11)

VSS (Vana Samrankshyana Samiti) is the primary unit of the local communities for management of forests in JFM mode. Role of VSS is very crucial in view of the growing realization of involvement of local communities in forest resource management. OFSDP envisaged involvement of communities in organization of VSS, planning and implementation of the interventions following the JFM approach in true letter and spirit. The project has been giving specific emphasis on empowering the community along with enhancing their capacity. With a view to institutionalizing JFM and to ensure sustainability of various interventions initiated under the project, a process based approach is being followed under the project.

Periodic monitoring of the VSS functioning is being carried out by the Project to assess institutionalization and their performances on different parameters. Performance assessment of the first batch VSSs

involving 610 numbers of VSS was conducted 1st time during Feb-Mar 2009. A detailed analytical report was prepared in January, 2010 to reflect the findings of the assessment.

Second VSS performance assessment was taken up in June to July 2010 which covered both the first and second batch VSSs associated with the Project, where the internal assessment of second batch VSSs involving 651 numbers of VSSs, for first round and the second round assessment of 1st batch 610 VSSs, were conducted. The report was prepared in January 2011. The objectives of this assessment were as below.

- Evaluation of status of VSSs in different functional aspects such as Institutional Sustainability, Gender and Equity, Efficiency, Transparency and Democratization and Ecological Sustainability.
- Identification of gap areas in terms of capability

enhancement, facilitation requirement, self sustenance of VSS and its relationship with forest department and formulation of appropriate action plan for effective implementation.

- Appreciation of achievements of successful VSSs and identification of good practices in VSS management
- Imbibing healthy competitive spirit among the VSSs to achieve better results and awakening of the VSS about their roles and responsibilities.
- Comparison of performance assessment results of the 2nd batch VSS with the 1st batch VSS to identify the status of performance improvement and identification of gap areas.
- Comparison of performance of first batch VSS in two successive assessment on selected parameters to identify if the progress is in right direction, and also to identify areas for more focused interventions

Methodology

Performance of the VSSs was assessed through collection of VSS information on a pre-designed questionnaire containing questions organized in multiple sections to focus on different functional aspects of the VSSs such as Institutional Sustainability, Gender and Equity, Efficiency Transparency, Democratization and Ecological Sustainability. The performance assessment exercise was conducted by the following team and personnel facilitating the project works.

- Forest Range Officer-cum-Field Management Unit (FMU) Chief
- Team leader from partner NGO of the concerned FMU
- Forest Extension Officer (FEO) nominated by the Division Management Unit (DMU) Chief.
- Member Secretary of the concerned VSS as the co-opted member.

In addition to the above, an observer team was constituted by each of the DMU to monitor and guide the assessment process. The observer team comprised of the following members.

- Assistant DMU Chief
- Field Expert from 'General Consultants' to OFSDP

Filled in questionnaires received from the VSSs were compiled at the PMU and a computerized database was prepared and analysis done for grading based on overall score as below.

Grade A+ : > 90% - **Outstanding**, Grade A : >70% and < 90% - **Very Good**,
Grade B : > 50% and < 70% - **Good**, Grade C : < 50% - **Average**



| Sl. | DMU Name | No. of VSSs Assessed | No. of VSSs in different Grades | | | |
|-----|---------------|----------------------|---------------------------------|------------|------------|-----------|
| | | | Gr. A+ | Gr. A | Gr. B | Gr. C |
| 1 | Angul | 67 | 1 | 62 | 3 | 1 |
| 2 | Balliguda | 73 | | 45 | 27 | 1 |
| 3 | Bonai | 21 | | 5 | 14 | 2 |
| 4 | Deogarh | 62 | | 59 | 3 | |
| 5 | Jeypore | 43 | | 3 | 35 | 5 |
| 6 | Keonjhar | 66 | | 15 | 49 | 2 |
| 7 | Koraput | 69 | | 48 | 21 | |
| 8 | Parlakhemundi | 52 | 5 | 46 | 1 | |
| 09 | Phulbani | 87 | 4 | 76 | 6 | 1 |
| 10 | Rayagada | 71 | | 32 | 38 | 1 |
| 11 | Rourkela | 40 | | 32 | 8 | |
| | Total | 651 | 10 | 423 | 205 | 13 |

Results :

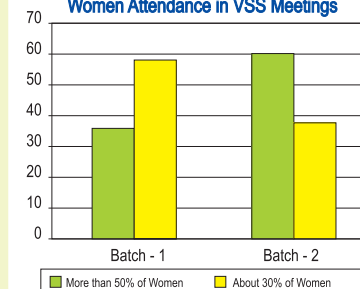
Results of the 2nd batch VSSs for which the 1st round assessment was conducted, is found as majority of VSSs received Grade 'A' (Very good) and Grade 'B' (Good). 10 VSSs obtained Grade "A+" (Outstanding). 13 VSSs obtained Grade 'C' (Average) and will be closely monitored for assessing and clearing the impediments for improving their performance. Simultaneously outstanding and innovative practices in Grade "A+" VSSs will be propagated to other VSSs.



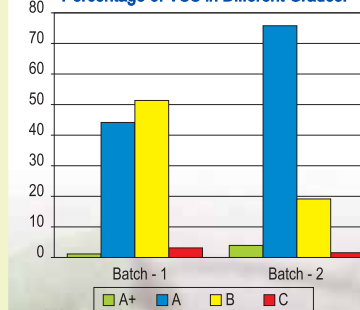
Project brought out a Report titled "Institutional Strengthening - Performance Assessment of 2nd Batch VSSs" for sensitization and follow up action on the part of project stakeholders.

The comparative analysis results of performance assessment of VSSs in 1st batch (Round-1) and 2nd batch (Round-2) and comparison of two successive assessments between Round-1 and Round-2 of the 1st batch VSSs were also part of the report.

Percentage of Women Attendance in VSS Meetings



Percentage of VSS in Different Grades:





JICA Forestry team of other States visited OFSDP:

Four teams of Forest officials from Gujarat, Rajasthan and Uttar Pradesh to adopt a multi faceted strategy to build up their capacity, visited PMU and different activities under OFSDP in the field.

A team of officers of Rajasthan JICA Forestry Project visited PMU to study the society mode implementation of OFSDP from 22.07.2010 to 25.07.2010.



A team of 19 members from Gujarat led by Sri A.P.Singh, Conservator of Forests, PMU, Gujarat Forest Department visited PMU and different VSS sites under OFSDP of Rayagada Division from 24.11.2010 to 28.11.2010.



Two teams from Uttar Pradesh led by Sri Rupak Dey, Chief Project Director, UPPFMPAP visited Odisha. One team consisting of 25 senior members visited PMU and different VSS/EDC sites under OFSDP of Angul & Satkosia (WL) Division from 08.12.2010 to 13.12.2010 and another team comprising of 31 front line field staffs visited PMU and different VSS sites under OFSDP of Rayagada Division from 08.01.2011 to 12.01.2011.



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Annual Action Plan 2011-12

The Project has planned to intervene in about 240, 4th batch VSSs/EDCs during 2011-12. Activities that are to be taken up during the year, include areas proposed to be covered under various forestry interventions, additional areas identified during revisit of Micro-Plans (with a view to ascertain the adequacy of treatments and also to make them responsive to the livelihood support needs and aspirations of the associated communities), community empowerment/development and focused IGAs.

Restoration of Degraded Forests

- Maintenance of plantation raised in the first, Second and 3rd batch VSSs
- Implementation of Micro Plans in the 4th batch VSSs.

Soil and Moisture Conservation Measures:

- Specially designed training programmes for improving the required technical skills of the facilitating officials.
- Site specific treatments will be completed in the 4th batch JFM site.

Assisted Natural Regeneration (ANR):

- Out of the gross treatment area in the 4th batch JFM sites, an estimated area of 16188 ha is planned for treatment under ANR,

- In addition, block plantation over an area of 5675 ha is to be taken up in the 4th batch areas.
- Revisit to the first, second and third batch JFM sites for comprehensive treatment.

Forest Management in Non-JFM Mode

- More forest blocks will be selected for boundary maintenance, where sites have been selected for treatment in JFM mode, and that are duly notified under Odisha Forest Act 1972, and there are no boundary disputes.
- Forest-type Improvement: Silviculture operations, thinning in middle aged plantations of teak, and other economic species, further improvement of Medicinal Plant Conservation Areas established under NMPB or other similar projects, silvicultural operation in degraded bamboo forests.
- Artificial Regeneration: Total 2786 ha is scheduled for plantation during next planting season.
- Forest Roads & Link Roads: These will be constructed and maintained. Preference will be given to construction of permanent structures like culverts, causeways, retaining walls etc. and the earth works will be dovetailed from other schemes such as MGNREGS etc.

Coastal Plantations

- Mangrove and Casuarina plantations of previous years will be maintained along with the casualty replacement.
- 510 ha of mangrove plantation is planned to be raised by Bhadrakh (WL) and Balasore (WL) Divisions.
- 25 ha of Casuarina (shelter belt) plantations is planned to be raised.

Biodiversity Management

Eco-development, including eco-tourism destination development will be continued.

The construction of the Eco cottages at Chutkei in Satkosha WL Division will be completed and the Day Nature Visitor Center established at Goindy will be improved further for ensuring sustainable growth.

Eco tourism action Plan for Udaipur in Balasore WL Division will be initiated.

Community / Tribal Development

Community organization activities, revitalization of existing VSS or formation of new VSS for achieving project targets.

Micro Plans of 1st, 2nd and 3rd batch VSS will be revisited to assess the need for additional treatments required with a view to achieve target and to enhance

livelihood support potential of JFM areas.

Capacity Building

At the VSS level there will be trainings for the four batches of VSS covering various aspects aiming at skill up gradation & better project execution.

Specialized need based trainings and exposure visits for SHG/CIG members as per the IGA requirement through the IGA support Agencies.

VSS representative meetings will be organized at Circle/DMU level to discuss issues of forest protection and management in the area through collective efforts and inter VSS coordination.

Exposure visits, within the divisions and to other areas, relevant, enhancing livelihood options, community empowerment, implementation of village development programmes will be organized for selected VSS leaders and members.

Improvement of VSS Facility and Equipment

Process for alienation of land where VSS-Office-cum-Meeting Halls are constructed in the name of FD/VSS will be taken up through DAC intervention.

Efforts shall be continued for evolving the VSS office-cum-meeting halls as Village Resource Centres (VRC).

Empowerment of VSS

The VSSs will be further empowered through proper implementation of the provisions of the VSS Management Manual and JFM resolution 2008.

Advanced training programmes at the DMU level

In each DMU one programme will be organized on advanced silviculture and forest

management, forest law enforcement and forest fire management. VSS representatives from the first and second batch will be selected following a set of selection criteria. After training, these participants are expected to train other VSS members.

Establishment of Model VSS

Project will identify best performing VSSs in each Range/FMU, these will be provided with additional support to develop them into Model VSSs. These Model VSS will provide support to other VSSs in the project and will serve as role model in terms of various interventional achievements with simultaneous replication of good practices in other project areas. Project expects to consolidate project outputs and ensure sustainability of interventions through this initiative.

Income Generating Activities

This year will see streamlining of "execution of full-fledged cluster based IGAs".

Supporting Activities

Preparatory Work for RDF (JFM mode) activities

Additional sites as per the requirement of the Project will be selected.

Strengthening of Executing Body

- Additional equipments will be procured for establishing the computerized management / monitoring system at PMU including a basic GIS cell, and at the DMUs.
- Intensive training for selected forest officers/staff for enhancing GIS based mapping skills will be organized.
- In addition, internet connectivity to the balance FMUs will be provided to ensure better flow of project related data and information.

Infrastructure Development

Construction of new forest roads and improvement of existing forest roads will be implemented based on the necessity in the project area. Division-wise actual requirement will be determined after discussion and confirmation with respective DMUs.

Research

Research works undertaken in previous year will continue, like:

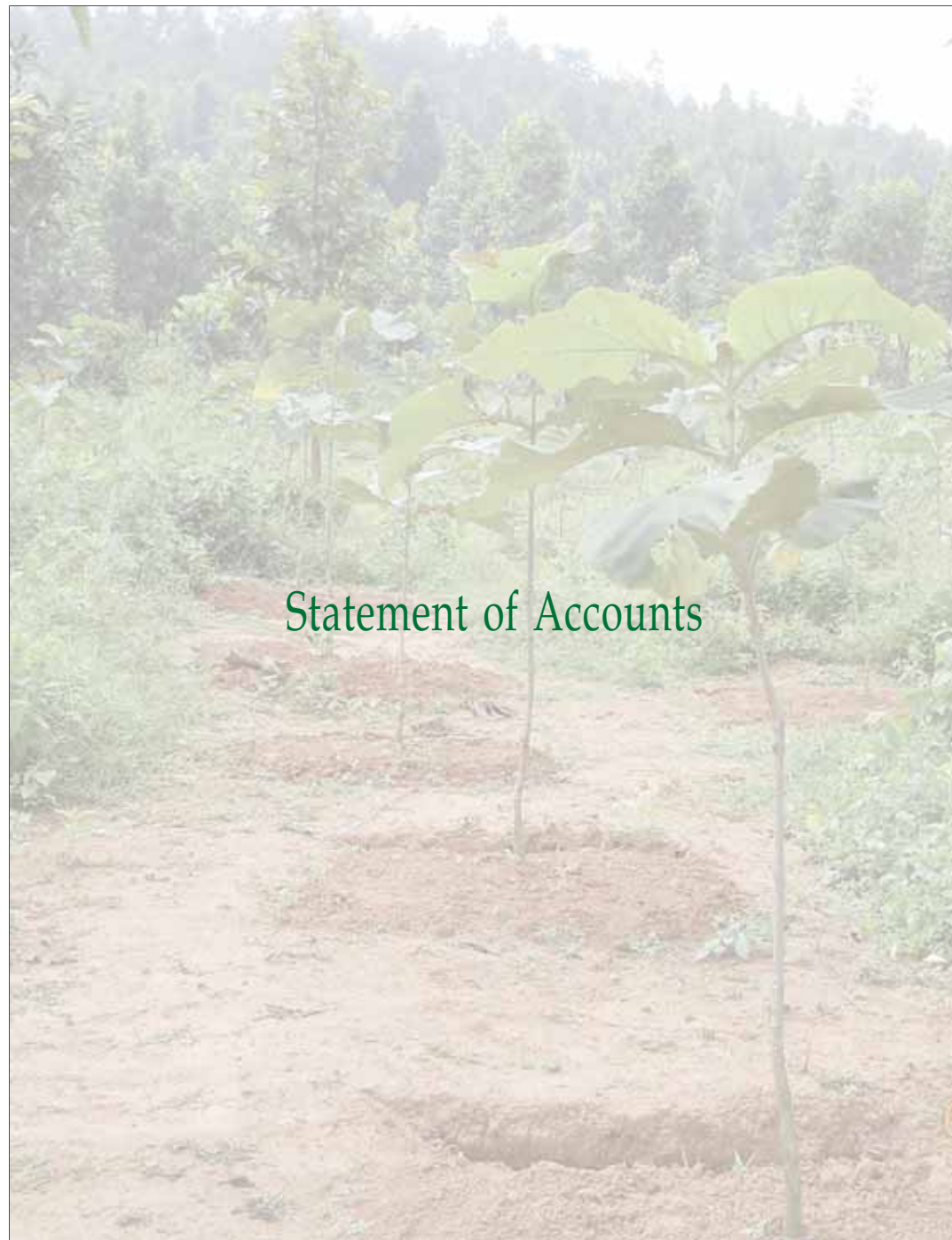
- Improvement of teak seed production area
- Use of Fly ash in Forest Nursery & Plantation
- Study on impact of ANR practices on Biodiversity
- Study on Indigenous Traditional Knowledge of Paudi Bhuyans in Odisha
- Protection and Conservation of Sacred Groves in Sundergarh District

Further new research topics on 'Research studies on Casuarina'; Research study on 'Crab rearing, fattening and fish rearing in the mangrove areas', 'Silvicultural Studies on Phasi' shall also be taken up.

Publicity and Communication

The following additional activities will be included besides the ongoing regular publications:

- Production of multimedia IEC materials keeping in view the specific needs of the different target groups.
- Publicity van procured under the project for awareness generation and information dissemination at grassroot level will be send to different project sites.
- Multi-media CDs highlighting the activities of various VSSs will also be prepared in local language.



Statement of Accounts



PATRO & CO.
Chartered Accountants

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Form - SoE
Date : 07/07/2011

To

The Project Director,
Orissa Forestry Sector Development Project,
Bhubaneswar
(ID P 173)

We have verified the accompanying Statements of Expenditures (SoEs) of Orissa Forestry Sector Development Project financed under Loan Agreement No. ID-P173 for the year 2010-11. The SOEs are the responsibility of Orissa Forestry Sector Development Project's Management. Our responsibility is to express an opinion on the SoEs based on our verification.

We conducted our verification in accordance with the National Accounting Standards. We perform the verification to obtain reasonable assurance about whether the SoEs are free of material misstatement. This includes verifying the SoEs with the accounting records and supporting documentation. We believe this provides a reasonable basis for our opinion.

To the best of our information and according to the explanations given to us, in our opinion, the said SoEs give a true and correct picture of the expenditure incurred during the previous year 2010-11.

for PATRO & CO.,
Chartered Accountants


(Rajendra Patro)
Partner
M.No.019423

INTERNAL AUDITORS

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| ORISA FORESTRY SECTOR DEVELOPMENT PROJECT (OFSDP) | | | | |
|---|---------------|----------------|---------------------------------|----------------|
| SFTRI CAMPUS, AT/PO: GHATIKIA | | | | |
| BHUBANESWAR - 751003 | | | | |
| BALANCE SHEET AS ON 31.03.2011 | | | | |
| LIABILITY | AMOUNT | | ASSET | AMOUNT |
| Opening Balance | 47,002,508.74 | | <u>Fixed Assets</u> | |
| Add: Amount utilised towards Fixed assets | 612,572.00 | | | |
| Less: Amount Equivalent to Depreciation | 6,081,815.42 | 41,533,265.32 | As per Schedule - IV | 41,533,265.32 |
| | | | <u>Current Assets</u> | |
| | | | Loans & Advances (Schedule - V) | 5,426,999.00 |
| Revolving Fund | | 93,451.50 | Advance To FMU | 47,884,653.53 |
| <u>Current Liabilities & Provisions</u> | | | Tax Paid Under Protest | 871,993.00 |
| Unspent Grant (Schedule - I) | | 555,102,002.81 | <u>Cash and Bank Balance</u> | |
| Current Liabilities (Schedule - II) | | 17,409,411.00 | | |
| Other Liabilities (Schedule - III) | | 8,941,028.69 | | |
| | | | Fixed Deposit | 353,616,500.00 |
| | | | Cash Balance | 55,573.00 |
| | | | Bank Balance | 173,690,175.47 |
| | | | | 527,362,248.47 |
| | | 623,079,159.32 | | 623,079,159.32 |

COMPILED BY US

for PATRO & CO.,
Chartered Accountants


(Rajendra Patro)
Partner



Place : Bhubaneswar,
Date : 07/07/2011

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ORISA FORESTRY SECTOR DEVELOPMENT PROJECT (OFSDP)
SFTRI CAMPUS, AT/PO: GHATIKIA
BHUBANESWAR - 751003

| CONSOLIDATED INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD FROM 1ST APRIL 2010 TO 31ST MARCH 2011 | | | |
|---|----------------|--|----------------|
| EXPENDITURE | AMOUNT | INCOME | AMOUNT |
| Procurement and Construction | | BY GRANT IN AID | |
| Restoration of degraded forests | | Opening Unspent | 461,186,967.81 |
| Forest Management under JFM Mode | | Add Receipt During the Period | 920,492,050.00 |
| Establishment of Decentralised Nursery | - | Add Interest Received | 1,010,404.00 |
| Rehabilitation of Degraded Forest | - | Less Grant utilised towards fixed assets | 612,572.00 |
| Soil Moisture Conservation | 8,081,664.00 | Less Unspent Grant | 555,102,002.81 |
| Assisted Natural Regeneration | 113,067,846.00 | | 826,974,647.10 |
| Block Plantation | 133,813.00 | Interest on Fixed Deposit | 9,875,888.00 |
| Economic Plantation | 53,660,922.00 | Interest on SB A/C | 7,504,886.32 |
| Fuel and Fodder Plantation | 68,212,162.00 | To Miscellaneous Receipt | |
| Bamboo/Cane Plantation | 5,260,270.00 | Proceeds from sale of Seedling | 325,123.00 |
| NTFP Plantation | 90,463,110.00 | Refund from VSS | 966,105.00 |
| Fire Protection | - | Refund from FMU | 68,500.00 |
| Fire Line Construction and Maintenance (for 4 year) | - | Proceed from sale of teak stump | - |
| Watching & Petrolling (for 5-years) | - | Security Deposit | 5,000.00 |
| Provision of Incentive measures | - | Misc Income | 125,692.00 |
| Organization support (Incentive for village animators) | 11,911,600.00 | Amount equivalent to depreciation | 6,081,815.42 |
| Promotion of Fuel wood saving devices | 1,559,200.00 | | |
| Destination Development | 2,000,000.00 | | |
| Training, coaching & Information | 124,465.00 | | |
| VSS Management Guideline Development | 370,250.00 | | |
| Improvement of VSS facilities & Equipment | 23,739,499.00 | | |
| Establishment of Decentralised Nursery | | | |
| Seed Money for Raising Planting Stock for Selling | 30,000.00 | | |
| Preparatory work for Micro Plan Formulation | 200,000.00 | | |
| EPAs | 43,237,496.00 | | |
| Auditing of VSS | 514,096.00 | | |
| Plantation Establishment (Man Groove) | 8,993,223.00 | | |
| Plantation Establishment (Non Man Groove) | - | | |
| Artificial Regeneration | 8,709,582.00 | | |
| Preparation of Micro Plan | 663,150.00 | | |
| IGA (Revolving Funds for VSS) | 38,252,000.00 | | |
| Land preparation (construction of canals) | 6,465,657.00 | | |
| Plantation establishment | 1,460,400.00 | 487,110,607.00 | |
| Forest Management under Non-JFM | | | |
| Consolidation and Demarcation of Forest Boundaries | 247,590.00 | | |
| Consolidation and Demarcation of Forest Boundaries | 473,620.00 | | |
| Maintenance of Forest Boundaries | 684,990.00 | | |
| Construction/Improvement of Permanent Nursery | 1,828,368.00 | | |
| Forst type Improvement | 947,170.00 | | |
| Artificial Regeneration | 102,879,522.00 | | |
| Fire Protection | - | | |
| Economic Plantation | 4,416,865.00 | | |
| Fuel & Fodder Plantation | 6,142,553.00 | | |
| Bamboo/Cane Plantation | 388,455.00 | | |
| NTFP Plantation | 13,622,851.00 | | |
| Assisted Natural Regeneration | 3,797,970.00 | 135,629,954.00 | |
| Farm Forestry Development | | | |
| Establishment of Decentralised Nursery | | | |



| | | | |
|--|--------------|---------------|--|
| Seed money for raising planting stock for selling | 255,440.00 | | |
| Design of Model Farm | 23,000.00 | | |
| Demonstration Centre | - | | |
| Model Farms Establishment | 11,000.00 | | |
| Training for Farmers/VSS | - | | |
| Technical Guidance Station | - | 289,440.00 | |
| Coastal Plantation | | | |
| Mangrove Species Plantation | | | |
| Land preparation (construction of canals) | - | | |
| Plantation establishment | 640,000.00 | | |
| Fencing | 664,063.00 | 1,435,063.00 | |
| Non-mangrove Species | | | |
| Plantation establishment | 612,260.00 | | |
| Regeneration operation | - | 612,260.00 | |
| Biodiversity Management | | | |
| Ecotourism Development | | | |
| Destination Development | 502,000.00 | | |
| Community Organisation | 2,256,678.00 | | |
| Building marketing linkage (for 4-year) | - | 2,758,678.00 | |
| Mitigation Man-Animal Conflicts | | | |
| Habitat Management | 2,400,000.00 | | |
| Fire protection in PA and fringe area | - | | |
| Corridors for Elephants | 143,000.00 | | |
| Physical Barriers for Corridors | - | | |
| Walls | - | | |
| Fences | - | | |
| Solar power fence | - | | |
| Formation of anti-depredation squads | 993,600.00 | 3,536,600.00 | |
| Establishment of community Reserves/Heritages Sites | 27,575.00 | | |
| Community / tribal development & Capacity building of VSSs | - | | |
| Capacity Building of VSSs | | | |
| Community Organizing | 1,349,469.00 | | |
| VSS Management Guideline Development | 136,910.00 | | |
| Preparation of Micro Plan | 2,261,828.00 | | |
| Training, Coaching and Information | 1,814,755.00 | | |
| VSS Representatives Meeting | 238,753.00 | | |
| Exposure Trips | 197,951.00 | | |
| Improvement of VSS Facilities and Empowerment of VSSs | 5,807,400.00 | | |
| Special training for selected VSS member at Community/Tribal Development | - | 12,339,066.00 | |
| Entry Point Activities (EPAs) | 2,711,794.00 | | |
| Income Generation Activities (IGAs) | 585,500.00 | | |
| Organization support (Incentive for village animators) | 2,808,250.00 | | |
| Market Research | - | | |
| Technical Support (for 3-year by NGO) | 8,511,491.00 | | |
| Revolving Fund for VSS | 1,250,000.00 | | |
| Training of SHG | 8,973,660.00 | | |
| Special training for selected VSS members at DMU | - | | |
| Livelihood Improvement | | | |
| Technical Support (for 3-year by NGO) | 1,664,180.00 | | |
| Medical health care Camp for infectious diseases | 53,760.00 | | |
| Establishment of centres for non-formal education (for 2.5 year) | - | | |
| Promotion of Fuel wood saving devices | 1,121,476.00 | 27,681,151.00 | |
| Supporting activities | | | |





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|---|---------------|---------------|--|--|
| Preparatory Work | | | | |
| Establishment of EB | - | | | |
| Preparation of Operation Manual for EB | - | | | |
| Training needs analysis | - | | | |
| Developing training programmes | - | | | |
| JFM Site Selection | 50,000.00 | | | |
| Procurement of Vegetation/Land Use Map | - | | | |
| Demarcation of JFM Area per new VSS | 5,851,444.00 | | | |
| Preparatory work for Micro Plan Formulation | 38,345,899.00 | | | |
| Fuel and Fodder Plantation | 10,428.00 | 44,257,771.00 | | |
| Strengthening of Executing Body | | | | |
| Improvement of Infrastructures for PMU | - | | | |
| Plan, Design & Cost Estimate | - | | | |
| Extension of OFD Building for PMU office | - | | | |
| Renovation of SFTRI Building | 68,000.00 | | | |
| Temporary PMU Office for 18 months | - | | | |
| Hiring of Office Space | - | | | |
| Furniture & Equipment | - | | | |
| Hiring of Vehicles | - | | | |
| Renovation/Extension of DMU Office | 144,429.00 | | | |
| Renovation/Extension of FMU Office | 32,779.00 | | | |
| Facility/Equipment Improvement | 29,057.00 | | | |
| Computerised Management/Monitoring System (PMU) | 1,068,846.00 | | | |
| PMU Office Equipment and Furniture | - | | | |
| DMU/FMU Computers | - | | | |
| DMU/FMU Office Equipment and Furniture | - | | | |
| Wireless telecommunication | 1,270,847.00 | | | |
| Survey Equipment and Instruments | 4,590.00 | | | |
| Mobility Improvement | - | | | |
| PMU Vehicle | - | | | |
| DMU Vehicles | - | | | |
| FMU Motorcycles | - | | | |
| Capacity Development | | | | |
| Training for PMU Staff | 5,774.00 | | | |
| Fostering GIS and MIS Experts (PMU) | - | | | |
| Training for DMUs Staff | 75,362.00 | | | |
| Training for FMUs Staff | 76,776.00 | | | |
| Study Tour for DMU/FMU Staff | - | | | |
| Annual Review Seminar | 544,990.00 | 3,321,240.00 | | |
| Infrastructure Development | | | | |
| Forest Road | 342,718.00 | | | |
| Plan and Design | 276,843.00 | | | |
| Construction of New Roads with Related Structures | 873,475.00 | | | |
| Improvement/Rehabilitation of Existing Forest Roads | 5,402,540.00 | | | |
| Link Road | 1,022,882.00 | | | |
| Plan and Design | - | | | |
| New Construction | 465,366.00 | | | |
| Improvement/Rehabilitation of Existing Forest Roads | 2,853,095.00 | 11,236,919.00 | | |
| Forest Researches | | | | |
| Biodiversity / Wildlife Studies/Surveys | 147,226.00 | | | |
| Tree Improvement Studies | - | | | |
| Silvicultural Researches | 30,500.00 | | | |
| Local knowledge database of NTFP/Medicinal | - | | | |
| Development of Agroforestry Model for Farm Forestry | 11,050.00 | | | |
| Others | - | | | |
| Socio-economic Researches | 20,030.00 | | | |



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|---|---------------|----------------|--|--|
| Community Forest Management vis-à-vis JFM | 1,573,800.00 | | | |
| Others | - | 1,782,606.00 | | |
| Publicity and Communication | | | | |
| Information Dissemination | - | | | |
| Provisions of Publicity Equipment | - | | | |
| Publicity van | - | | | |
| Field level publicity unit | 69,500.00 | | | |
| Public Awareness (Preparation of material) | 861,005.00 | | | |
| Publication | 56,308.00 | | | |
| Website Development and Maintenance | 46,785.00 | 1,073,588.00 | | |
| Monitoring and Evaluation | | | | |
| Establishment of Data Base for PMF | - | | | |
| Baseline Survey | 1,044,000.00 | | | |
| Collection of Secondary Data Available | - | | | |
| Developing GIS Data Base | - | | | |
| Project Completion Evaluation | - | | | |
| Project Impact Assessment | - | | | |
| Physical Impact Assessment | - | | | |
| Socio-economic Impact Assessment (2 times) | 2,400,493.00 | | | |
| Auditing of VSS/FMU/DMU/PMU Accounts | 1,936,705.00 | | | |
| VSS | 809,922.00 | | | |
| Forest Management Unit | 20,000.00 | | | |
| Divisional Management Unit | - | | | |
| Project Management Unit | 328,036.00 | 6,539,156.00 | | |
| Phase-out and Phase-in Activities | | | | |
| Consulting Services | 57,096,130.00 | 57,096,130.00 | | |
| Total :- 'A' | | 796,700,219.00 | | |
| Administration | | | | |
| MV & POL | 6,887,952.00 | | | |
| Office Expenses | 4,930,953.92 | | | |
| Salary of Deo | 24,690,391.00 | | | |
| Bank Charges | 125,860.12 | | | |
| Travelling Expenses | 1,865,726.00 | | | |
| Total :- 'B' | | 38,100,483.04 | | |
| VAT/Service Tax | - | | | |
| MV & POL | 54,056.38 | | | |
| Office Expenses | 39,367.00 | | | |
| DEO Salary | 493,105.00 | | | |
| Training for DMU's Staff | 1,577.00 | | | |
| Travelling Expenses | 1,238.00 | | | |
| Artificial Regeneration | 12,654.00 | | | |
| EPAs | - | | | |
| Plantation Establishment (Mangroove) | 288.00 | | | |
| Plantation Establishment (Non Mangroove) | 383.00 | | | |
| Casualty Replacement Nursery (Mangroove) | - | | | |
| Casualty Replacement Nursery (Non Mangroove) | - | | | |
| Assisted Natural Regeneration | 6,733.00 | | | |
| Construction of New Roads with Related Structures | - | | | |
| Construction/Improvement of Permanent Structures | 38,308.00 | | | |
| Maintenance of Forest Boundaries | - | | | |
| Improvement of VSS Facilities and Empowerment of VSSs | 23,512.00 | | | |
| Medical/health care Camp for infectious | - | | | |
| Preparatory Work for Microplan Formulation | 3,854,842.00 | | | |
| Improvement of Existing Forest Road | 3,108.00 | | | |
| Training, Coaching and Information | - | | | |
| Dissemination | 2,725.00 | | | |
| Field level publicity unit | 593.00 | | | |
| Link Road | 12,847.00 | | | |





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|---|-----------------------|---------------|--|-----------------------|
| Training for DMUs Staff | - | | | |
| Training for FMUs Staff | - | | | |
| Seed money for raising planting stock for selling | - | | | |
| Demarcation of JFM Area per new VSS | 197,417.00 | | | |
| VSS Audit | 82,093.00 | | | |
| Survey Equipment and Instruments | - | | | |
| Annual Review Seminar | 15,220.00 | | | |
| NTEP Plantation | 2,285.00 | | | |
| Wireless telecommunication | 155,604.00 | | | |
| Destination Development | - | | | |
| Preparation of Micro Plan | 146.00 | | | |
| Tree Improvement Studies | - | | | |
| VSS Representatives Meeting | 174.00 | | | |
| Renovation of FMU Building | 19,850.00 | | | |
| Computerised Management/Monitoring | 74,614.00 | | | |
| Consultancy Services | 4,712,021.00 | | | |
| Website Development and Maintenance | 4,117.00 | | | |
| Corridors for elephants | 14,729.00 | | | |
| Community organization | 286,745.00 | | | |
| Socio economic researches | - | | | |
| Training of SHG | 569,878.00 | | | |
| Community Forest Management vis-à-vis JFM | - | | | |
| | 135,693.00 | | | |
| Socio-economic Impact Assessment (2 times) | 131,348.00 | | | |
| Baseline survey | 107,120.00 | 11,045,339.38 | | |
| Amount equivalent to depreciation | - | 6,081,815.42 | | |
| TOTAL | 851,927,856.84 | TOTAL | | 851,927,856.84 |

COMPILED BY US

for PATRO & CO.,
Chartered Accountants
(Rajendra Patro)
Partner



Place Bhubaneswar,
Date : 07/07/2011



| ORISSA FOREST SECTOR DEVELOPMENT SOCIETY | | | |
|---|----------------|---|----------------|
| CONSOLIDATED RECEIPT AND PAYMENT ACCOUNT AS FROM 01.04.2010 TO 31.03.2011 | | | |
| RECEIPT | AMOUNT | PAYMENT | AMOUNT |
| To Opening Balance | | TDS Deposit | 1,535,750.00 |
| Bank Balances | | Fixed Deposit | 818,867,155.00 |
| PMU | 13,050,167.12 | | |
| DMU | 79,751,343.82 | | |
| Cash Balances | | Advance to FMU | 157,804,047.00 |
| PMU | 10,479.00 | | |
| DMU | 28,820.00 | | |
| Fixed Deposit | | | |
| | | | 12,001,000.00 |
| To Realisation of Fixed Deposit | | Procurement and Construction | |
| Principal | 788,871,381.00 | Restoration of degraded forests | |
| Interest | 9,875,888.00 | Forest Management under JFM Mode | |
| To Grant in Aid Received | 900,569,000.00 | Establishment of Decentralised Nursery | - |
| To Interest on SB A/C | 7,562,452.65 | Rehabilitation of Degraded Forest | - |
| To Miscellaneous Receipt | | Soil Moisture Conservation | 8,065,554.00 |
| Proceeds from sale of Seeding | 226,779.00 | Assisted Natural Regeneration | 118,065,359.00 |
| Refund from VSS | 7,345,939.00 | Block Plantation | 133,813.00 |
| Refund from FMU | 450,654.00 | Economic Plantation | 54,026,829.00 |
| Proceed from sale of teak stump | 10,000.00 | Fuel and Fodder Plantation | 67,631,480.00 |
| Security Deposit | 79,452.00 | Bamboo/Cane Plantation | 5,381,278.00 |
| Miscellaneous Income | 8,303.00 | NTEP Plantation | 89,867,473.00 |
| Refund of travel advance | | Fire Protection | - |
| | | Fire Line Construction and Maintenance (for 4-year) | - |
| | | Watching & Petrolling (for 5-years) | - |
| | | Provision of Incentive measures | - |
| | | Organisation Support | 11,633,000.00 |
| | | Promotion of Fuel and Wood Saving Devices | 1,751,200.00 |
| | | Destination development | 2,000,000.00 |
| | | Training, coaching & Information | 72,500.00 |
| | | VSS Management Guideline Development | 346,325.00 |
| | | Improvement of vss facilities & equipment | 26,889,500.00 |
| | | Establishment of Decentralised Nursery | - |
| | | Seed Money for Raising Planting Stock for Selling | - |
| | | Preparatory work for micro plan formulation | - |
| | | | 407,950.00 |
| | | EPAs | 44,614,386.00 |
| | | Auditing of VSS | 710,522.00 |
| | | Plantation Establishment (Man Groove) | 6,868,695.00 |
| | | Plantation Establishment (Non Man Groove) | - |
| | | Artificial Regeneration | 198,302.00 |
| | | Preparation of Micro Plan | 183,800.00 |
| | | IGA (Revolving Funds for VSS) | 32,102,000.00 |
| | | Land preparation (construction of canals) | 13,815,657.00 |
| | | Plantation establishment | 1,460,400.00 |
| | | | 486,856,023.00 |
| | | Forest Management under Non-JFM | |
| | | Consolidation and Demarcation of Forest Boundaries | - |
| | | Consolidation and Demarcation of Forest Boundaries | - |
| | | Maintenance of Forest Boundaries | - |
| | | Construction/Improvement of Permanent Nursery | 142,698.00 |
| | | Forest type Improvement | - |
| | | Artificial Regeneration | 5,261,081.00 |
| | | Fire Protection | 2,644,755.00 |
| | | Fuel & Fodder Plantation | 832,695.00 |
| | | Bamboo/Cane Plantation | 2,774,676.00 |
| | | NTEP Plantation | 793,431.00 |
| | | Assisted Natural Regeneration | 2,294,383.00 |
| | | Economic Plantation | 825,483.00 |
| | | | 15,668,212.00 |





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|--|--|--|--|--------------|---------------|
| | | | Farm Forestry Development | 700,635.00 | |
| | | | Establishment of Decentralised Nursery | - | |
| | | | Seed money for raising planting stock for selling | 62,850.00 | |
| | | | Design of Model Farm | - | |
| | | | Demonstration Centre | - | |
| | | | Model Farms Establishment | - | |
| | | | Training for Farmers/VSS | - | |
| | | | Technical Guidance Station | 763,485.00 | |
| | | | Coastal Plantation | - | |
| | | | Mangrove Species Plantation | - | |
| | | | Land preparation (construction of canals) | 940,000.00 | |
| | | | Plantation establishment | 725,581.00 | |
| | | | Fencing | 131,000.00 | 1,796,581.00 |
| | | | Non-mangrove Species | - | |
| | | | Plantation establishment | - | |
| | | | Regeneration operation | - | |
| | | | Biodiversity Management | - | |
| | | | Ecotourism Development | - | |
| | | | Destination Development | 511,000.00 | |
| | | | Community Organisation | 1,819,362.00 | |
| | | | Building marketing linkage(for 4-year) | - | 2,330,362.00 |
| | | | Mitigation Man-Animal Conflicts | - | |
| | | | Habitat Management | 2,400,000.00 | |
| | | | Fire protection in PA and fringe area | - | |
| | | | Corridors for Elephants | 127,227.00 | |
| | | | Physical Barriers for Corridors | - | |
| | | | Walls | - | |
| | | | Trenches | - | |
| | | | Solar power fence | - | |
| | | | Formation of anti-depredation squads | 993,600.00 | 3,520,827.00 |
| | | | Establishment of community Reserves/Heritages Sites | 24,735.00 | |
| | | | Community /tribal development & Capacity building of VSSs | - | |
| | | | Capacity Building of VSSs | - | |
| | | | Community Organizing | 591,781.00 | |
| | | | VSS Management Guideline Development | 20,000.00 | |
| | | | Preparation of Micro Plan | 198,800.00 | |
| | | | Training, Coaching and Information | 119,504.00 | |
| | | | VSS Representatives Meeting | 10,000.00 | |
| | | | Exposure Trips | 146,361.00 | |
| | | | Improvement of VSS Facilities and Empowerment of VSSs | 2,480,812.00 | |
| | | | Special training for selected VSS member at | - | 3,591,983.00 |
| | | | Community/Tribal Development | - | |
| | | | Entry Point Activities (EPAs) | 2,471,794.00 | |
| | | | Income Generation Activities (IGAs) | 835,500.00 | |
| | | | Organization support (Incentive for village animators) | 2,815,250.00 | |
| | | | Market Research | - | |
| | | | Technical Support (for 3-year by NGO) | 6,484,637.00 | |
| | | | Revolving Fund for VSS | 2,596,959.00 | |
| | | | Training of SHG | 4,990,188.00 | |
| | | | Special training for selected VSS members at | - | |
| | | | Livelihood Improvement | - | |
| | | | Technical Support (for 3-year by NGO) | 1,708,466.00 | |
| | | | Medical/health care Camp for infectious | 310,259.00 | |
| | | | Establishment of centres for non-formal education (for 2.5 year) | - | |
| | | | Promotion of Fuel wood saving devices | 869,968.00 | 23,083,021.00 |
| | | | Supporting activities | - | |
| | | | Preparatory Work | - | |
| | | | Establishment of EB | - | |



| | | | | | |
|--|--|--|---|---------------|---------------|
| | | | Preparation of Operation Manual for EB | - | - |
| | | | Training needs analysis | - | - |
| | | | Developing training programmes | - | - |
| | | | JFM Site Selection | - | - |
| | | | Procurement of Vegetation/Land Use Map | - | - |
| | | | Demarcation of JFM Area per new VSS | 2,315,343.00 | - |
| | | | Preparatory work for Micro Plan Formulation | 29,429,877.00 | 31,745,220.00 |
| | | | Strengthening of Executing Body | - | - |
| | | | Improvement of Infrastructures for PMU | - | - |
| | | | Plan, Design & Cost Estimate | 6,500.00 | - |
| | | | Extension of OPD Building for PMU office | - | - |
| | | | Renovation of SFTRI Building | 66,640.00 | - |
| | | | Temporary PMU Office for 18 months | - | - |
| | | | Hiring of Office Space | - | - |
| | | | Furniture & Equipment | 1,050.00 | - |
| | | | Hiring of Vehicles | - | - |
| | | | Renovation/Extension of DMU Office | - | - |
| | | | Renovation/Extension of FMU Office | - | - |
| | | | Facility/Equipment Improvement | 10,100.00 | - |
| | | | Computerised Management/Monitoring System(PMU) | 808,850.00 | - |
| | | | PMU Office Equipment and Furniture | 163,673.00 | - |
| | | | DMU/FMU Computers | 31,500.00 | - |
| | | | DMU/FMU Office Equipment and Furniture | 4,930.00 | - |
| | | | Wireless telecommunication | 1,244,833.00 | - |
| | | | Survey Equipment and Instruments | 4,590.00 | - |
| | | | Mobility Improvement | - | - |
| | | | PMU Vehicle | - | - |
| | | | DMU Vehicles | - | - |
| | | | FMU Motorcycles | - | - |
| | | | Capacity Development | - | - |
| | | | Training for PMU Staff | 5,774.00 | - |
| | | | Fostering GIS and MIS Experts (PMU) | - | - |
| | | | Training for DMU's Staff | 35,029.00 | - |
| | | | Training for FMU's Staff | 8,266.00 | - |
| | | | Study Tour for DMU/FMU Staff | - | - |
| | | | Annual Review Seminar | 468,152.00 | - |
| | | | Fuel and Fodder Plantation | 52,336.00 | 2,912,223.00 |
| | | | Infrastructure Development | 10,428.00 | |
| | | | Forest Road | - | |
| | | | Construction/Improvement/Rehabilitation | - | |
| | | | Plan and Design | 71,500.00 | |
| | | | Construction of New Roads with Related | - | |
| | | | Improvement/Rehabilitation of Existing | 64,980.00 | |
| | | | Link Road | - | |
| | | | Plan and Design | - | |
| | | | New Construction | - | |
| | | | Improvement/Rehabilitation of Existing | - | 146,908.00 |
| | | | Forest Researches | - | |
| | | | Biodiversity / Wildlife Studies/Surveys | 145,735.00 | |
| | | | Tree Improvement Studies | - | |
| | | | Silvicultural Researches | 10,500.00 | |
| | | | Local knowledge database of NTFP/Medical | - | |
| | | | Development of Agroforestry Model for Farm Forestry | - | |
| | | | Others | - | |
| | | | Socio-economic Researches | 22,534.00 | |
| | | | Community Forest Management vis-a-vis JFM | 1,210,911.00 | |
| | | | Others | - | 1,389,680.00 |
| | | | Publicity and Communication | - | |
| | | | Information Dissemination | - | |
| | | | Provision of Publicity Equipment | - | |
| | | | Publicity van | - | |
| | | | Field level publicity unit | 55,063.00 | |





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|--|--|-------------------------|-------------------------|
| | Public Awareness (Preparation of material) | 690,741.00 | |
| | Publication | 94,382.00 | |
| | Website Development and Maintenance | 43,298.00 | 883,484.00 |
| | Monitoring and Evaluation | | |
| | Establishment of Data Base for PMF: | | |
| | Baseline Survey | 741,038.00 | |
| | Collection of Secondary Data Available | - | |
| | Developing GIS Data Base | - | |
| | Project Completion Evaluation | - | |
| | Project Impact Assessment | - | |
| | Physical Impact Assessment | - | |
| | Socio-economic Impact Assessment (2 times) | 1,134,573.00 | |
| | Auditing of VSS/FMU/DMU/PMU Accounts | 1,795,750.00 | |
| | VSS | 253,423.00 | |
| | Forest Management Unit | - | |
| | Divisional Management Unit | - | |
| | Project Management Unit | 133,010.00 | 4,057,793.00 |
| | Phase-out and Phase-in Activities | | |
| | Consulting Services | 22,535,888.00 | 22,535,888.00 |
| | TDS Deposit | | 10,281,351.00 |
| | P Tax deposit | | 16,500.00 |
| | GPF/AISPF/A/GIS | | 1,031,326.00 |
| | IRA | | 12,187.00 |
| | H B Advance | | 40,800.00 |
| | Remuneration to contractual staff | | 1,017,630.00 |
| | Salary and allowance | | 4,395,599.00 |
| | Remuneration to service provider | | 2,791,403.00 |
| | Remuneration to security | | 346,064.00 |
| | VAT | | 186,157.00 |
| | Admin exp | | 670,664.00 |
| | Service tax | | 10,127,884.00 |
| | Training Advance | | 375,350.00 |
| | Travelling Advance | | 274,300.00 |
| | Advance to DMU | | (528,925.00) |
| | Advance for mobilisation(Baseline survey) | | 2,065,140.00 |
| | Security Deposit | | 117,594.00 |
| | Advance to mapping firm | | 1,482,120.00 |
| | Total :- 'A' | | 1,814,162,786.00 |
| | Administration | | |
| | MV & POL | | 3,148,859.00 |
| | Office Expenses | | 2,238,306.00 |
| | Bank Charges | | 125,354.12 |
| | Salary of DEO | | 13,067,863.00 |
| | Travelling Expenses | | 1,351,729.00 |
| | Total :- 'B' | | 19,932,111.12 |
| | CLOSING BALANCE | | |
| | Fixed Deposits | | 12,001,000.00 |
| | Cash Balances -- | | |
| | PMU | | 4,222.00 |
| | DMU | | 51,351.00 |
| | Bank Balances -- | | 55,573.00 |
| | P.V.D. | | 13,863,237.00 |
| | DMU | | 160,026,938.47 |
| | TOTAL | 1,819,861,645.59 | 1,819,861,645.59 |

COMPILED BY US

for PATRO & CO.,
Chartered Accountants



Place: Bhubaneswar,
Date: 07/07/2011



Executive Incumbents during the Year

Project Management Unit

| Name | Designation | Period | |
|--------------------------------|-------------|------------|-----------------|
| | | From | To |
| Mr. A. K. Bansal, IFS | PD | 01.04.2010 | 31.12.2010 (FN) |
| Mr. Vinod Kumar, IFS | PD | 31.12.2010 | 31.03.2011 |
| Mr. Rajiv Kumar, IFS | JPD | 01.04.2010 | 31.03.2011 |
| Mr. Debidutta Biswal, IFS | JPD | 01.04.2010 | 31.03.2011 |
| Mr. P. C. Mishra, IFS | DPD | 05.07.2010 | 31.03.2011 |
| Mr. M.R. Bhatta, IFS | DPD | 01.04.2010 | 31.03.2011 |
| Mr. Basudev Behera, IFS | DPD | 01.04.2010 | 18.06.2010 |
| Mr. S. N. Behura, OFS-(SB) | DPD | 18.06.2010 | 31.03.2011 |
| Mr. K. C. Samantaray, OFS-(SB) | DPD | 27.10.2010 | 31.03.2011 |
| Mr. Amiya Ranjan Parida | DPD (LLI) | 01.04.2010 | 31.03.2011 |
| Mr. Devasis Biswal | DPD (P&A) | 01.04.2010 | 31.03.2011 |

Heads of Divisional Management Unit

| DMU District | Name | Period | |
|---------------|--------------------------------|-------------|-------------|
| | | From | To |
| Angul | Mr S. S. Mishra OFS-(SB) | 01.04.2010 | 31.03.2011 |
| Bonai | Mr Pravakar Sethy, IFS | 01.04.2010 | 18.06.2010 |
| | Mr Arun Kumar Mishra, OFS-(SB) | 18.06.2010 | 31.03.2011 |
| Keonjhar | Mr Sarat Kumar Mohanty, IFS | 01.04.2010 | 31.03.2011 |
| Deogarh | Mr Ramakanta.Mishra, IFS | 01.04.2010 | 31.03.2011 |
| Rourkela | Mr Ganeswar Behera,OFS-(SB) | 01.04.2010 | 14.07.2010 |
| | Mr Atis Kumar Behera, IFS | 14.07.2010 | 31.03.2011 |
| Baliguda | Mr Ramesh Chandra Sethi, IFS | 01.04.2010 | 18.06.2010 |
| | Mr. Hanif Mohammed, OFS-(SB), | 18.06.2010 | 31.03.2011 |
| Phulabani | Mr M Yogajananand, IFS | 01.04.2010 | 31.03.2011 |
| Paralakhemudi | Mr Jitasatru Mohanty, IFS | 01.04.2010 | 31.03.2011 |
| Jeypore | Mr. Rashmi Ranjan Nayak, IFS | 01.04.2010 | 16.06.2010 |
| | Mr L.K. Mishra,OFS-(SB) | 16.06.2010 | 31.03.2011 |
| Koraput | Mr. Asit Kumaar Behera, IFS | 01.04.2010 | 09.07.2010 |
| | Mr A. Periasamy, IFS | 09.07.2010 | 31.03.2011 |
| Rayagada | Mr B.K. Acharya, OFS-(SB) | 01.04.2010 | 31.03.2011 |
| Bhadrak | Mr. Sudarsan Patra, IFS | 01.04.2010 | 09.07.2010 |
| WL | Mr.Trilochan Debata,OFS-(SB) | 09.07.2010 | 31.03.2011 |
| Balasore | Mr. Amitav Brahma, OFS(I) | 01.04.2010 | 09. 06.2010 |
| WL | Mr Kerdar Kumar Swain,OFS-(SB) | 09. 06.2010 | 31.03.2011 |
| Satkosia | Mr R .Raghu Prasad ,IFS | 01.04.2010 | 31.03.2011 |
| WL | | | |

Conservator of Forests / Chief Conservator of Forests

| Circle | Name | Period | |
|-----------|-------------------------|------------|------------|
| | | From | To |
| Angul | Mr Pandab Behera, IFS | 01.04.2010 | 31.03.2011 |
| Baripada | Mr. Ajit Bharthuar, IFS | 01.04.2010 | 31.03.2011 |
| Berhampur | Dr. J. P. Singh, IFS | 01.04.2010 | 31.03.2011 |
| Koraput | Mr V.Raja Reddy, IFS | 01.04.2010 | 20.09.2010 |
| | Mr A.O.F.Bakhla, IFS | 20.09.2010 | 31.03.2011 |
| Rourkela | Mr Ajya Raizada, IFS | 01.04.2010 | 30.04.2010 |
| | Dr Dambaru Sahu, IFS | 01.05.2010 | 10.05.2010 |
| | Mr S.K.Swain, IFS | 10.05.2010 | 31.03.2011 |



Participation of Koraput DMU in Annual Tribal Festival - **PARAB** at Koraput



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