

Hon'ble Chief Minister Orissa **Sri Naveen Patnaik** visited Kandhmal on 31<sup>st</sup> March, 2010. He inaugurated the district level exhibition showcasing the activities of various departments.. In this exhibition Phulbari Forest Division also participated. VSS and SHG members of OFSDP displayed several NTFP products. DFO-cum-DMU Chief Sri M. Yogajyananda, IFS briefed the CM about the VSS and SHG activities under OFSDP.

# Annual Activity Report

2009-10



**Orissa Forestry Sector Development Project**  
Forest & Environment Department  
Government of Orissa



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## Abbreviations .....

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ANR	Assisted Natural Regeneration	JICA	Japan International Cooperation Agency
APC	Agriculture Production Commissioner	JPD	Joint Project Director
BPL	Below Poverty Line	LWF	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	Orissa Forest Department
DPD	Deputy Project Director	OFDC	Orissa Forest Development Corporation
EDCs	Eco Development Committees	OFS	Orissa Forest Service
EPA	Entry Point Activity	OFSDP	Orissa Forestry Sector Development Project
F&E Dept	Forest and Environment Department	OFSDS	Orissa Forestry Sector Development Society
FD	Forest Department	OMFED	Orissa Milk Federation
FDA	Forest Development Agency	OREDA	Orissa Renewable Energy Development Agency
FEO	Forest Extension Officer	ORMAS	Orissa Rural Marketing Society
FMU	Field Management Unit	O TELP	Orissa Tribal Empowerment and Livelihood Programme
FRO	Forest Range Officer	OUAT	Orissa 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 Orissa	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 Orissa Rural Livelihood Project
JFM	Joint Forest Management	XIM	Xavier Institute of Management





## From PD's Desk

2009-10 was the 4<sup>th</sup> year of the project and progress was quite perceptible in the field with the exuding confidence of the community for various developmental activities. With the starting of the activities in the 3<sup>rd</sup> batch areas after microplanning process, much of the project interventions were in place during this year.

Uptill now project interventions were in different stages in all the batches. In 1<sup>st</sup> and 2<sup>nd</sup> batch forestry and livelihood related interventions were in full swing, in 3<sup>rd</sup> batch process of micro-planning was completed with simultaneous EPA support by the project.

Facilitation mechanism at grassroot level is continually being strengthened. Capacity of project officials at PMU, DMU and FMU level is being upgraded through focused capacity building programmes and exposure visits to successful interventions in the country and overseas.

These experiences and learnings are benefiting the facilitative teams in better understanding of different methodologies for implementations and defining interventional approaches as per the local conditions.

VSSs being the epicentre of the major project activities, were empowered

with different logistical needs, capacity development and preparedness for dealing with the contingent needs for sustainable efforts.

VSS level activities are aimed at developing a responsive community through different community empowerment and livelihood promotion activities. Besides the forestry interventions, major activities remained focussed towards livelihood promotion such as village infrastructure in terms of communication, basic amenities, agricultural solutions, energy solutions as per the need and requirements at village level identified during comprehensive micro-planning process.

Last year project had started pilot IGAs with a view to understand SHG preferences, and dynamics to ameliorate the distress sale of NTFPs and increasing self-confidence of SHG members. From the previous years results project decided to continue the small loan support to the SHGs for boosting the confidence of the community towards taking up higher level income generation measures.

Besides EPA support, project is working in convergence with different resource agencies, line-departments for augmenting a robust livelihood

structure at village level. Convergence is a crucial option for sustainable growth of the project villages with inadequate basic facilities. Support has come from NRHM, Agriculture, Veterinary Departments and many resource institutions. Chief Secretary has issued instructions to the collectors to include project VSSs in NREGS activities which will provide employment and help in creation of village assets.

During the course of implementation, some of the process problems were rectified and interventional fine-tuning was done for increasing the efficacy of the efforts and for maximizing the benefits to the community.

Still all hopes lies with the concerted community efforts and commitment for proper management of adjoining forests and village assets. I expect the hard work of the project facilitators will be helpful in establishing a robust mechanism for development of the interior forest areas of the state.

  
(Arun K. Bansal)



## Main Components

### Restoration of Degraded Forests

(Forest Management under JFM & Non-JFM Mode & Farm Forestry)

- 196,650 ha in 11 divisions  
1) ANR 138,000 ha.  
2) Block Plantation 39,650 ha.  
3) 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,  
Income Generation Activities  
Livelihood Improvement,  
2,275 VSSs, and 4,550 SHGs

### 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

## Project Outline

### 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 Orissa 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 Orissa Forest Department.



## Highlights of Activities

### 2006-07

2006-07 the 1<sup>st</sup> 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.
- TNA to ascertain the capacity building needs of the project.
- Selection 1<sup>st</sup> batch JFM sites (640)
- Award of contracts to survey and mapping firms for 1<sup>st</sup> batch JFM sites.
- NGOs selection process was initiated.
- Project sensitization at various level
- ToT for 1<sup>st</sup> 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 1<sup>st</sup> 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 1<sup>st</sup> batch completed and 2<sup>nd</sup> batch VSS organisation process started.
- Transfer of funds to 1<sup>st</sup> batch VSS accounts by the project.
- Engagement of Animators in

each 1<sup>st</sup> 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 engaged NGO Team leaders & front line forest personnels, member-secretaries & VSS office bearers (1<sup>st</sup> 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 1<sup>st</sup> batch JFM areas were completed & 1:4000 scale maps provided to DMUs for micro-planning.
- Selection of 2<sup>nd</sup> batch VSS and JFM sites for JFM interventions were finalized.
- Survey & mapping process for 2<sup>nd</sup> batch JFM sites were started.

#### Micro-Planning & Implementation -

- Micro-planning in 623 sites/ VSS of 1<sup>st</sup> batch areas completed with facilitation support by field personnels & NGO Teams.
- Starting of Forestry & Livelihood interventions on the basis of prepared micro-plans in the 1<sup>st</sup> batch. In 13 sites work could 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 alongwith 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 and 7400 ha. for 2009-10.
- 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 to help facilitators in assisting in micro-planning exercise. (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 updation 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 2<sup>nd</sup> year most of the Institutional Strengthening process was complete at PMU, DMU and FMU Level. Infrastructure for 1<sup>st</sup> Batch VSS were taken up and completed in 2<sup>nd</sup> year. Process for institutional development for 2<sup>nd</sup> and 3<sup>rd</sup> Batch areas were started in 3<sup>rd</sup> 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 61860 VSS members and facilitators participated in these programmes.
- 1004 VSS representatives were exposed to best practices within the respective DMUs, and 325 VSS representatives were sent on exposure visits to "Western Orissa 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 crosslearning 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.**

### Forestry Interventions -

#### Restoration of Degraded Forests

- 1<sup>st</sup> Batch JFM sites (610) with Gross Forest Area of 64205.8 Ha. with RDF treatment area of 42652 ha. Area treated during the year were: 36936.5 Ha of ANR, and 4767 Ha Block Plantation - 2647 ha. of NTFP, 742 ha of Fuel and Fodder, 449 ha. of Bamboo, and 930 ha. of Economic spp., along with Soil & Moisture

Conservation measures.

- As a part of State's mass plantation drive on 7<sup>th</sup> July 2008, 5,97,937 seedlings were planted at different sites in the 14 project divisions.
- Pre-planting operations including identification of treatment areas, ANR silvicultural cleaning, and establishment of nursery for plantation interventions in 2<sup>nd</sup> batch areas.
- 350 km fire lines cleared in 1<sup>st</sup> batch plantations areas.
- Micro Plans for 652 - 2<sup>nd</sup> batch JFM sites were prepared covering a gross forest area of 64970 ha., and RDF intervention over 48396 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 grassroot stakeholders.

#### Coastal plantations

- Mangrove plantation 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.
- Interventions for solar power

fence around the villages to mitigate man-elephant conflict were initiated in Puranakote.

- 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.

### Livelihood interventions -

- Community Development works including construction of VSS office-cum-meeting halls, EPA activities and ranking of SHGs for taking up IGA in 2<sup>nd</sup> Batch VSS were taken up.
- EPA interventions focussed 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 income generation activities 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 625 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.





[ Highlights of Activities ]

**Research -**

- Analysis of previous teak trials and their documentation with a view to take the teak research further.
- Growth and Yield of Phasi (Anogeissus acuminata), detailed research plan under preparation.
- R&D related to use of "fly-ash in forestry".
- Initiated discussion for establishment of demonstration plantations of best Casuarina provenances in Balasore in collaboration with Institute of Forest Genetic and Tree Breeding, Coimbatore (an ICFRE Institute).

**Monitoring & Evaluation -**

- Household Level Socio-economic Baseline Survey was completed.
- Independent Third Party Verification: PMU initiated

- annual independent third party verification of the assets created under the project for greater transparency and accountability.
- SAMEEKSHYA- 2008, the 1<sup>st</sup> State Level Annual Review Meeting was held on 28<sup>th</sup> and 29<sup>th</sup> Jan 2009 at Bhubaneswar.

**IEC -**

- Quarterly newsletters.
- EPA Guidelines (English & Oriya) - Aug, 2008
- Micro-Plan Format for 2nd Batch VSS (Oriya) - Aug, 2008.
- Trailing teh Greens - Leaflet on Eco-Tourism - Sep, 2008.
- JFM Resolution-2008 - Dec, 2008
- VSS Gathan 'O' Parichalna. (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 Abhivrudhi Au Gramya Vikash - July, 2008.
- Vana Samarakhyan Samiti - Jan, 2009.
- Bhala Vana Sarankhyan a Samiti Kahaku Kahiba - Jan, 2009.
- Swayam Sahayaka Gosthira Saphalata Suchaka - Jan, 2009.
- Vana Samarakhyan Samiti Sabhyanka Dayitya - Jan, 2009



*Highlights-2009-10*

**Community Empowerment**

- Construction of VSS Office-cum- Meeting Halls completed in 594 2<sup>nd</sup> batch VSSs.
- 764 VSSs have been formed for the 3<sup>rd</sup> 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 1<sup>st</sup> Batch and 2<sup>nd</sup> 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.



**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.





[ Highlights 2009-10 ]



**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, Gujrat 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 47223 hectares were carried out in 652 second batch VSSs under the JFM mode, along with maintenance work in the 1<sup>st</sup> batch sites.



- Additional area of 1850.9 ha (ANR over 1694.9 ha and block plantation over 156 ha.) was undertaken in 1<sup>st</sup> batch sites.



[ Highlights 2009-10 ]

**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.



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

**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.

**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.
- 1<sup>st</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> batch VSSs was started.
- 2<sup>nd</sup> Annual Review Meeting "Sameekshya-2009" was organised.







[ Highlights 2009-10 ]

## Progress with regards to key targets (upto 2009-10)

Activity-Sub Activity	Project target	Implementation Schedule	Achievement till 2009-10	Planned for 2010-11
<b>Restoration of Degraded Forests in 11 divisions</b>				
ANR	1,38,000 ha	Year 2 to 7.	78739 ha.	47735 ha.
Block Plantation (JFM)	39,650 ha.		10179 ha.	19029 ha.
Artificial Regeneration (Non JFM)	19,000 ha.		3160 ha.	6370 ha.
<b>Coastal Plantations</b>				
Mangroves	2100 ha.	Year 3 to 7	951ha.	1100 ha
Non Mangroves	650 ha.		62 ha.	5 ha
<b>Biodiversity Management</b>				
Ecotourism destination development	Five	Year 3 to 7	Two in progress	
Community Reserves/Heritage Sites	Five		2 - in planning stage.	
<b>Community/Tribal development including Capacity Building of VSSs</b>				
Revitalisation / Formation of VSS/EDCs	2221+54	Year 1 to 7	2026+41	211
EPA (VSS)	2275		2026+21	211
IGA (SHG)	4550		1444	
Livelihood Improvement	2275		2047 in progress	
Supporting Services		Year 1 to 7	Continuing	
Consulting Services		Year 1 to 4	Continuing	Till Dec. 2010

## Activities 2009-10

### Annual Action Plan-2009-10

2009-10 Action Plan was approved in the 9<sup>th</sup> Governing Body meeting, and subsequently concurred by the HPC.

2009-10 was the 4<sup>th</sup> year of the project and most of the activities revolved around villages with the inclusion of 3<sup>rd</sup> 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.

1. Institutional Development and Support Services	VSS Capacity Building / Trainings / Exposures	b) Non-JFM
a) Executive Meetings / Reviews (PMU, DMU, EMU)	Micro-Planning	Teak Plantation
Capacity Building / Meetings / Workshops	2. Forestry Interventions	Forest roads - Link roads
Survey & Mapping	a) JFM (ANR / SMC / Block Plantation)	Forest Boundaries
Research	Coastal Plantation (Mangrove / Casurina)	3. Livelihood Interventions - Livelihood Promotion
Convergence	Biodiversity Management	Income Generation
b) VSS-Level VSS establishment	Nursery Establishment	4. Monitoring & Evaluation
	Farm Forestry	5. IEC Component
	Vermi-Compost	



Team of Senior Project Officers at JICA Headquarter during study tour to Japan





## Capacity Building

### Institutional Development

Enhancing capacities of the project facilitators and the participating communities is important for successful project implementation and making the interventions sustainable. Trainings were regularly organized at PMU and DMU level for all stakeholder categories. 1207 nos. of trainings / exposure visits were organised during the year and in total 76408 project stakeholders participated in these trainings. Important training programmes organised during the year were:

#### Executive Meetings/Reviews

**General Body Meeting** - 2<sup>nd</sup> General Body meeting of the project was held on 30<sup>th</sup> April, 2009 in the 2<sup>nd</sup> Floor conference hall of Secretariat. Mr. Ajit Kumar Tripathy, IAS, Chief Secretary & President of the Society presided over the meeting. In the meeting the Project Director explained the status of activities and also about the two visit of JICA Mission to the project during 2008-09, He also informed that the JICA mission has rated the project implementation status as good. The Annual Report of the society for the year 2007-08 was adopted by the General Body.



**Review by Development Commissioner, Orissa :** Development Commissioner, Orissa Mr. T.K. Mishra took a detailed review of the project on 25<sup>th</sup> July, 2009 at Orissa Secretariat. At this meeting APC and President of Project Governing Body Mr. S.P. Nanda, IAS, Mr. U.N. Behera, Principal Secretary, Forest & Environment Department, Dr. R.V. Singh, IFS, Special Secretary, Planning & Coordination Department in addition to Project Director, Mr. A.K. Bansal, JPD Mr. Ajit Bhartuar and Mr. D.D. Biswal attended.



**Governing Body Meeting** - 9<sup>th</sup> Governing Body meeting was held on 29<sup>th</sup> September, 2009, at State Secretariat under the Chairmanship of Mr. S.P.Nanda, IAS, Agriculture Production Commissioner and Chairperson of the Governing Body. The draft Operational Manual was discussed and accepted for approval by the High Power Committee. The Governing Body approved enhancement of the remuneration of personnel engaged in the project through Service provider. Progress of the plantation activity was also reviewed.



**HPC Meetings-** Meeting of the High Power Committee was held at secretariat on 27<sup>th</sup> March, 2010 to review the progress of the project and deciding the future course of action. Chief Secretary and President of OFSDP Mr. S.P. Nanda, IAS presided over meeting, wherein the progress of activities under the project was reviewed. The committee also approved the budget for the year 2009-10 and the Operational Manual for the OFSDS.



#### At PMU Level -

- 5 Training programmes were organized at XIM, Bhubaneswar
  - 5 days training programme from 26<sup>th</sup> to 30<sup>th</sup> May, 2009 for FEO, VFW & Foresters (total-14 participants) on "Specific IGA on OFSDP Perspectives"
  - 3 days training from 2<sup>nd</sup> to 4<sup>th</sup> September 2009 for Range Officers & Sr. FEOs (total-20 participants) on "Documentation and Media Management Skills".
  - 4 days training from 26<sup>th</sup> to 29<sup>th</sup> October, 2009 for ACF, Range Officers & Technical Personnel (total-24 participants) on

"Modern Management including Time Management & Participatory Decision Making".

- 3 days training from 7<sup>th</sup> to 9<sup>th</sup> December, 2009 for FEOs and Foresters (total-27 participants) on "Community Mobilization and Institution Building".
- 3 days training from 21<sup>st</sup> to 23<sup>rd</sup> December, 2009 for FEOs and Foresters (total-26 participants) on "Communication and Presentation Skills".





[ Activities 2009-10 > Institutional Development > Capacity Building ]

- 5 days training from 26<sup>th</sup> to 30<sup>th</sup> May, 2009 for FEO, VFW and Member Secretaries (total-14 participants) on "Livelihood Visioning & its promotion Strategy".



- 2 days training (3 nos.) on "Development of Root Trainer Nursery" by officers from Maharashtra Forest Development Corporation at Rayagada, G. Udayagiri and Rourkela from 3<sup>rd</sup>-4<sup>th</sup>, 5<sup>th</sup>-6<sup>th</sup> and 8<sup>th</sup>-9<sup>th</sup> March, 2010 for FROs and Foresters (total-80 participants in all the 3 trainings)



- Specific trainings on "Microfinance and Microenterprise" were held during November-December, 2009 for grassroot forest functionaries in all the DMUs with the aim to target upcoming IGA interventions. In total 315 project stakeholders were trained during these trainings.

**Outside State -**

- 3 days training (2 nos.) on "Non destructive harvesting, processing and value addition of NTFPs & Medicinal Plants" at Rayagada & G. Udayagiri from 20<sup>th</sup> to 22<sup>nd</sup> February and 23<sup>rd</sup> to 25<sup>th</sup> February 2010 for FROs, FEOs and Foresters (total - 51 participants attended these trainings)



- 17 Forest Officers (CCFs, DFOs, ACFs and Range Officers) were sent to ASCI Hyderabad for training in "Natural Resource Management and Conflict Resolution" from 12<sup>th</sup> to 16<sup>th</sup> October, 2009.



- A Training programme on 'Non destructive harvesting, processing and value addition of NTFPs' at Tropical Forest Research Institute, Jabalpur (ICFRE Institute), was held on 25<sup>th</sup> to 29<sup>th</sup> January, 2010, at which 19 FROs and Sr. FEOs participated.

**Study-cum-Exposure visits -**

**National -**

- 5 days training programme from 12<sup>th</sup> to 16<sup>th</sup> May, 2009 for Sr. Forest Officer on "Training-cum-Exposure on Eco-Tourism-Concept, Principles and Business Modules development" at Periyar Tiger Reserve, Kerala, 7 officers attended the programme.

- 9 Field Officers (Range Officers and Foresters) from Bhadrak and Balsore WL Divisions went to Gujarat on a Training-cum-Exposure visit on Mangrove Management from 12<sup>th</sup> to 22<sup>nd</sup> December, 2009.



[ Activities 2009-10 > Institutional Development > Exposure Visits ]



**Overseas**

3 overseas study tours to Japan (2 batches), Phillipines & Indonesia (1 batch) were organised during the year.

**(a) Japan Tour**

The International training to Japan was organized in two batches. 1<sup>st</sup> batch of five officers from 18<sup>th</sup> to 25<sup>th</sup> August, 2009 and 2<sup>nd</sup> batch of eight officers from 28<sup>th</sup> August to 2<sup>nd</sup> September.

They visited Ministry of Agriculture, Forest & Fisheries (MAFF), Government of Japan and had a discussion with senior officers about the Forest Policy of Japan, JICA Head Quarters, Akita prefecture, Cedar private plantation site, Beach Forest at Sihrakami-Sanchi, Coastal Plantation site at Kamaya Beech along Japan Sea in Mitani Town, Koishikawa Koraduen Botanical Garden in Tokyo, Yatsu Higata

(Tidal Flat) Observation centre, Tokyo. The officers also visited Coastal Plantation of Japanese black pine, Forestry and Forest Products Research Institute (FFPRI) at Tsukuba city, Akita Prefectural cooperative for wooden structure, Horikawa Forestry Company for mechanized tree harvesting in plantations, factory of Kadowaki Company, Nishiki Murkko Production Centre, Coastal Plantation of Japanese black pine.

In the second batch, Project Director made a presentation at JICA headquarters, Tokyo, highlighting the innovative features of OFSDP which were very much appreciated.





### (b) Phillipines and Indonesia Tour

7 Officers from project were sent to Phillipines and Indonesia from 22<sup>nd</sup> to 29<sup>th</sup> September, 2009:

- To study people's participation in Forest Management and Development in Phillipines and Indonesia
- To have an overview on advanced technologies in Planning and M and E, Mangrove forest management, Value addition of forest produces, Wildlife management and Eco-tourism.

Places visited included -

- Centre for NTFP Exchange Programme for south and South East Asia at DENR, Quezon, Phillipines
- Makiling Center for Mountain Eco-system ( MCME) at University of Phillipines, Los Banos, Leguna, Philipines, Pagbilow Quezon Bamboo enterprise at Barangay Calumpeng Tayabas, Quezon.
- Department of Social Forestry and Forest Governance, UPLB, Geguna, Phillipines
- JICA Mangrove Information Centre, Swang Kauh, Denpasar, Bali, Indonesia.
- Linda Garland Bamboo centre, Ubud Bali, Indonesia
- Central office of Department of Environment and Natural Resources (DENR) Quezon City .

After returning from the visit, officials made a presentation at PMU on the salient learnings from the visit. Official expressed their satisfaction about the tour programme and were very appreciative of the initiatives in different forestry projects in these countries. They learned many things from these study tours specifically about the infrastructure and approach to tackle the problems faced in implementing forestry projects.



### Workshops

#### National Workshop of JICA assisted Forestry Projects in India:



In line with the National Cross Learning Workshop for JICA assisted forestry projects in the country organised at Bhubaneswar by OFSDP

in February 2009, the second National Workshop was organized on 19<sup>th</sup> & 20<sup>th</sup> February 2010 at Udaipur, Rajasthan at which PCCFs, and Project Directors

of various JICA assisted forestry sector projects in India participated. This was inaugurated by Hon'ble Chief Minister, Rajasthan. The theme of this workshop was "Sustainable Forest Management for Poverty Alleviation and Livelihood Security".

Project Director Mr. Arun Kumar Bansal represented the project at this workshop. Sri Bansal made a presentation on "Sustainability through convergence under OFSDP" and highlighted the convergence work going on in the project.

#### World Wetlands Day at Bhadrak:

A workshop on Restoring Mangrove Habitat for Healthy Wetland was organized by DMU Bhadrak on 2<sup>nd</sup> Feb, 2010. Mr. R.N. Senapati, IAS, Agricultural Production Commissioner, Project Director and other officials from PMU, DFO, Bhadrak and Balasore (WL) Division, EDC presidents/ members secretaries and FMU Chiefs participated in the workshop. Restoration of mangroves for healthy wetlands with emphasis on mangrove restoration in Balasore and Bhadrak (WL) Divisions was stressed by Project Director. Beneficial aspects of wetlands and their role in conserving biodiversity was explained by the JPD (IME). APC and President, OFSDP Governing Body appealed to EDC members to participate in the restoration of mangrove forests and get benefited through project activities. He expressed the need for convergence with other line department activities for maximizing benefits to the



community. He suggested to take up creation of farm ponds under NREGS, increasing the income prospects through pisciculture, cultivation activities along the pond bunds and eco-tourism activities in the mangrove forests. He requested the project officials to facilitate the same.

EDC Presidents also interacted with the project officials and explained about different activities. Certificates



were given to the schools who participated in the essay competition organised by the Balasore and Bhadrak DMUs to mark the occasion.





[ Activities 2009-10 &gt; Institutional Development &gt; Workshops ]

### Forest Advisory Group (FAG)

2<sup>nd</sup> Meeting of the Forest Advisory Group (FAG) on Technical Matters of OFSDP was held at PMU, Bhubaneswar on 03.06.2009. Dr. B.M. Faruque, Director GSI (Retd.) made a presentation on the "Fluvio-Marine Process along Orissa Coast" as a special talk on the occasion of World Environment Day (5<sup>th</sup> June). The geological status of the Orissa Coast at different times, processes of erosion & accretion along the coast line, was discussed. The participants drew the attention of Dr. B.M. Faruque on increase of sea level due to global warming & role of mangroves on coastal plantations in mitigating adverse impact of high energy sea waves.

The Advisory Group reviewed the progress made on the decisions taken during the previous meeting held on 15.01.2009. Issues discussed during the meeting -

- Data analysis of previous teak trials and its documentation for taking the teak research further.



- Study on Phasi (*Anogeissus acuminata*) by Satkosia Wild Life Division.
- On collection of Sal leaves in Mayurbhanj and Keonjhar districts and high potentiality in terms of economic returns and livelihood of tribals. Unscientific harvesting process adopted by the stakeholder, though prescribed norms are to remove sal leaf based on silvicultural availability. Suggestion were made to undertake scientific study on "Silvicultural availability of Sal Leaves for collection annually".

- Participant also suggested to have a research on different species which can grow suitably on Fly Ash production in thermal power plants in Angul & talcher for reducing pollution and increasing green cover. Project director informed that project is working on use of Fly Ash in nursery raising in collaboration with Institute of Minerals and Material Technology (IMMT), Bhubaneswar.
- Need of study on Elephant corridors and movement of elephants to reduce human-elephant conflict was raised. Project Director requested the DMU Chiefs to furnish available details/data in this regard to evolve the study parameters.
- Need of plantation of horticulture species and incentive mechanism for promoting planting of trees by farmers in rural areas was also stressed upon by the participants.

### Orientation on Humus building for intensive organic farming



Humus building is a natural process in the forests, where this process takes place through decomposition of leaf litter by earthworms, bacteria and fungi. Humus can hold water twice its weight and allows percolation of the excess surface water into the subsoil.

The roots of plants draw this water and nutrients by capillary action and chelation. This natural process continues perpetually and helps in healthy growth of forests. This observation of forest ecosystem provides cue for enhancing

productivity of agricultural lands. Project decided to sensitize the stakeholders about the beneficial impact of humus and its utilization for enhancing soil productivity. 2-days orientation workshops were organized in Angul, Koraput and Deogarh divisions with following objectives -

- to enhance the understanding of the participants on Humus Building concept
- to orient them on the methodology of preparing the Humus or Nursery soil;
- to have hands on experience of how to prepare the Humus.

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[ Activities 2009-10 &gt; Institutional Development &gt; Workshops ]

### Orientation-cum-Review on "Micro-Finance and Micro-Enterprise Development



In view of the various IGA activities to be undertaken in the OFSDP VSSs, and as a follow up action on the Livelihood Opportunity Analysis report on grounding of IGAs, a 3 days Orientation-cum-review workshop on

Micro-finance and Micro-enterprise development was organised from 11<sup>th</sup> to 13<sup>th</sup> November, 2009 for the FEO(IGA), NGO Team Leaders, and Field Experts. The orientation-cum-Review was aimed at enriching the participants' understanding on the concepts of micro-finance, micro-enterprise and the potential of the SHGs to take forward the IGA initiatives under the project.

Specific objective of the orientation was -

- To take stock of the status of SHGs and IGAs.

- To expedite micro-finance and micro-enterprise processes in VSS.

- To define a strategy for pilot IGAs, Cluster IGAs.

On the next day, Project Director, OFSDP facilitated the Feedback session and guided the evolution of course of action. It was decided to organise DMU and FMU level orientations for other project implementers (FEOs, Foresters, Team Leaders and Development Officers).

### JICA Workshop on 'JFM and Sustainability- Developing Methods for Monitoring & Evaluation'

A workshop on "Joint Forest Management and Sustainability-Developing Methods for Monitoring and Evaluation" was organised by JICA India on 26<sup>th</sup> March, 2010 at New Delhi. Experts from Academia, NGOs, National Institutes, and project execution agencies from JICA assisted forestry projects in various states, consultants participated along with representatives from JICA India, and Ministry of Environment & Forests, Government of India. Mr. A.K. Bansal, Project Director OFSDP participated at the invitation of JICA India, along with Mr. Pranab Choudhury, Livelihood Expert with OFSDP General Consultants. Sri Bansal chaired the second session in which a paper titled "Does JFM Reduce Poverty - Applying Randomized Evaluation and Quasi-Random Methods to JICA funded Forestry Project" was presented by Mr. Nicholas Ryan along with comments by three experts to whom the paper had been sent by JICA.

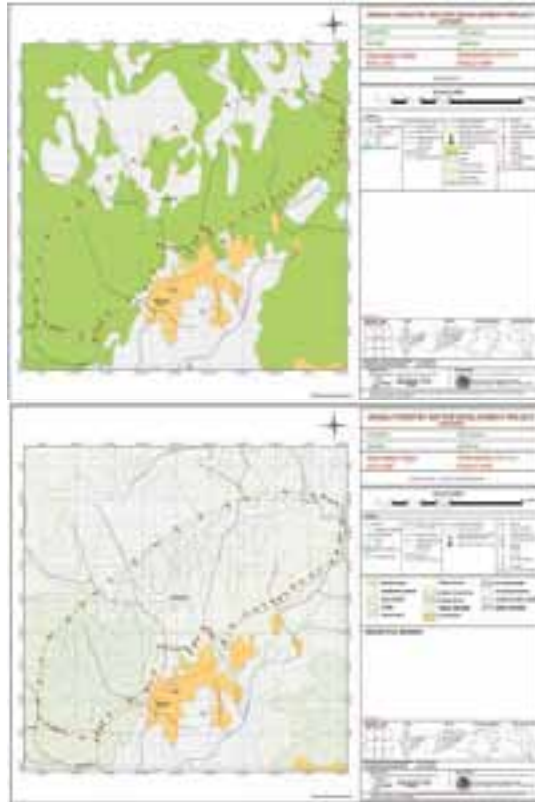


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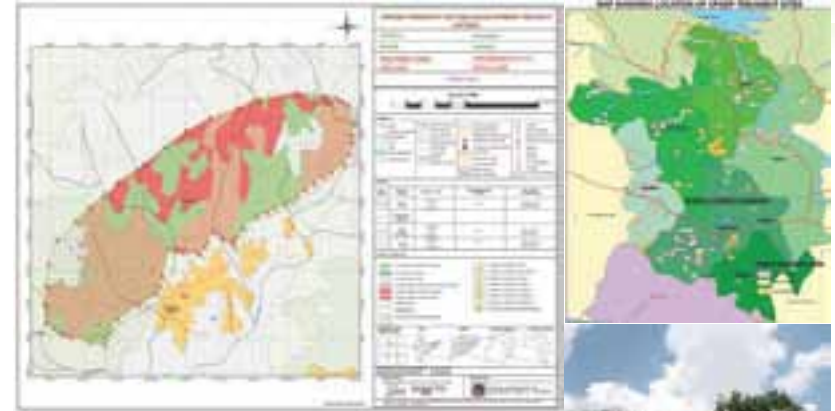
## Survey and Mapping



The DGPS boundary survey and mapping process of the 3<sup>rd</sup> batch JFM sites was completed.

The mock-up for the maps were refined highlighting vegetation and terrain condition to facilitate better Micro-Planning.

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



### GPS Survey of Treatment Area

Project initiated the process of GPS survey of different forestry interventions in the 1<sup>st</sup> and 2<sup>nd</sup> batch VSSs. A Guideline for GPS based survey has been prepared. Main objective of this guideline was to set uniform system across the project to record Geographical coordinates of various project interventions such as ANR Cleaning, Gap plantation, Economic Plantation, Fuel and Fodder, Bamboo and NTFP Plantations, various interventions related to Soil and Moisture conservation. For this purpose project provided GPS Instruments to all the divisions last year. Guidelines have been sent to all DFOs for taking up survey process.

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. It is believed that they are now capable in data collection using GPS instrument. Further training will be undertaken as per the requirement.





## Research

Research in process under the project -

### Use of Fly Ash in Forest Nursery & Plantations

It is reported that pure fly ash can sustain plant growth (similar physical and chemical properties as of soil). It can be used as nursery material due to its higher porosity & water holding capacity to give better growth of seedling besides safe utilization of fly ash, which is a serious air-pollutant. There will also be less maintenance due to poor weed infestation in the nursery.

This would open up another area of large scale utilization of fly ash in forestry sector especially for raising

of nursery, forest applications and restoration of forests. For this project initiated research studies in association with Institute of Minerals and Materials Technology (IMMT), Bhubaneswar. For this study Fly ash was procured from NTPC

In Ranipark Industrial plantation, two sites have been selected where use of Fly Ash has been done in these plots of 80 plants each. Measurements & other parameters will be analysed to ascertain the impact of Fly Ash on growth of plants.



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[ Activities 2009-10 > Research ]

### Nakshatra Van

Establishment of Nakshatra Van at Silvicultural research garden at Ghatikia is in progress. For augmenting regular watering, pipe line is being laid with connectivity from the main water source over a distance of 1350 feet. Other infrastructure development like laying of approach road, fixing up signage, putting of lawn grasses in blank area is in progress.

### Teak Research

Data analysis of the previous teak trials at one site has been taken up and efforts for proper documentation of these studies are being taken for future research and analytical studies.

In this respect Project had sanctioned funds to Silviculturist, Bhubaneswar for proper maintenance of teak seed production area at Chulijhinka last year.



### Impact of Bagad (Podu) as on the Bio-diversity

Traditional practice of Bagad (Podu) on the slopes of forested hills indulged in by the local tribal communities is generally considered deleterious to the local bio-diversity. Project proposed to ascertain the impact of Bagad practices on biodiversity in Paralakhemundi division, with a view to take appropriate steps for bio-diversity conservation in such areas.

### Research on Phasi

Phasi has special importance in construction of Chariot for Lord Jagannath used in car festival celebrated annually. Considering the use and importance of the species, it is necessary to conserve and raise plantations, wherever possible. The scheme on phasi plantation was started namely 'Jagannath Van Prakalpa' in 1999, but management of the plantation has not been standardized. Due to lack of management the plantation are getting congested and having sub-optimal diameter growth. The Orissa

Forestry Sector Development Project proposes to undertake a research on existing Phasi trees located in various zones of Orissa for analyzing the growth rate and silvicultural operations for proper management of plantation through required thinnings. The proposed research would focus on the following objectives -

- To study the growth behaviour of Phasi plants in various agroclimatic zones of ORISSA.
- To identify and maintain

Candidate Plus Tree (CPTs) of Phasi for improvement of planting stock.

- To standardise silvicultural interventions for enhancement of growth.
- Studying the operation of the "Phasi Tree Bank" for supply of the species for Puri Car festival and suggesting the modalities for its betterment.

Research work is proposed to be facilitated by the DFO, Satkosia Wild Life Division.

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## 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, veterinary services), agricultural support, energy solutions, skill development, marketing of rural products and economic upgradation through various economic plantation 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. 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 and various activities of NRHM in association with VSSs)
- 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)
- Orissa Bamboo Development Agency (OBDA) (Training in Bamboo crafts and marketing support)
- NREGS (Inclusion of project VSSs in NREGS activities for employment and village assets through NREGS works)
- Veterinary Department (Vaccination of livestock)
- OREDA (Solar lights to the project Villages)

### Convergence vis-a-vis VSS Linkage with Mainstream Development

Convergence was 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.



## Major Convergence Activities / Initiatives

### With NRHM



### Gaon Kalyan Samitis

"Gaon Kalyan Samitis" are formed in the revenue 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 would be promoted as Health Resource Center and it will be the health service delivery point.

Animator will be the health contact point for the villages where ASHA is not positioned. She/He will provide required health related information to the villagers.

### Malaria Eradication

Malaria is one of the major health

problems in forest areas. It has been proposed to involve the VSS Animators in the malaria control programme specifically where services of ASHAs cannot reach due to inaccessibility of hamlets. Considering this, project has taken following activities in convergence with NRHM for detection of Malaria in the project villages -

- Animators and field staff of the project will be imparted training on the use of Rapid Malaria Kits and Fever Treatment Depots (FTDs) under National Vector Borne Disease Control Programme (NVBDCP). For this purpose 51 Sr. FEOs, 201 Foresters, 171 Forest Guards and 1586 Animators (Total- 2009) have been identified from the project divisions. It is proposed to include all the units of OFSDP, in a phased manner. Initially Kandhamal (Phulbani division), Koraput (Koraput and Jeyore division), Gajapati (Paralakhemundi division) and Rayagada (Rayagada division) will be included, which are very highly endemic areas.

- Activities on malaria prevention and control will be included in the VSS activities.
- VSS will act as Fever Treatment Depots (FTDs) in cooperation with ASHA.
- VSS animators will be trained on mosquito control methods like indoor residual spraying, distribution of insecticide treated nets (ITN), impregnation of conventional nets.
- VSS will be provided with IEC material on malaria to disseminate in their villages.
- VSS members are trained to transport severe and complicated cases of malaria to the nearby health facilities where treatment for malaria is available.

### Deworming

Deworming activities are going on in convergence with Health Department.

For Prevention of Water borne diseases, project villages are getting required medicines from Health Department.







[ Activities 2009-10 > Convergence ]

### VSS-Anganwadi Centre

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

VSS infrastructure is being utilised for Anganwadi Centres where Anganwadi Centres are not available, for Integrated Child Development Services (ICDS) a flagship programme of Women & Child Development Department.



### Subsidy on Farm machineries / implements



Directorate of Agriculture and Food Production, Orissa, vide letter no. IS(12)-02 Pt./08-794/AgriI, dated 21<sup>st</sup> 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".

OFFICE OF THE DIRECTOR OF AGRICULTURE AND FOOD PRODUCTION, ORISSA, BHUBANESWAR

No. IS(12)-02 Pt./08-794/AgriI, dated the 21<sup>st</sup> January, 2009

To  
The District Agriculture Officer, Deogarh

SR,

APC, Orissa during his field visit to Deogarh district, has pointed out that subsidy has not been entertained in case of the farm machineries purchased by farmers' groups like the Vana Sarankishana Samita (VSS) as a part of Joint Forest Management promoted by the DFO, Deogarh. It is hereby clarified that the subsidy claims on any farm machinery or implement as per the State Agriculture Policy, 2008 could also be made available to such groups (VSS, Panchayat, Watershed Committees, Farmers' Interest Group, etc), if such is involved in agricultural activities and group has a bank account of their own. The subsidy claims could be directly credited to such account through the respective Banks, if required, you may ascertain details from the PIAs or supervising Government officers.

Yours faithfully,  
Director of Agriculture & Food Production, Orissa

Memo No. 795 /Dated, the 21<sup>st</sup> January, 2009  
Copy forwarded to Deputy Director of Agriculture (all Ranges)/ District Agriculture Officer (all) for information and guidance.

Memo No. 796 /Dated, the 21<sup>st</sup> January, 2009  
Copy forwarded to Executive Engineer, Agriculture (all Zones)/ Asst. Agri. Engineer (all) for information and necessary action.

Memo No. 797 /Dated, the 21<sup>st</sup> January, 2009  
Copy forwarded to Joint Director of Agriculture (Engineering) / More Plan Cell for call for information and necessary action.

Memo No. 798 /Dated, the 21<sup>st</sup> January, 2009  
Copy submitted to Commissioner-Secretary to Govt., Agriculture Department, Orissa, Bhubaneswar for kind information. This has reference to my D.O. letter No. 778 dt. 20.01.2009

Director of Agriculture & Food Production, Orissa



[ Activities 2009-10 > Convergence ]

### Cattle Healthcare

Veterinary camps are being organised with support of Veterinary department for livestock immunization, curing diseases, medicinal support and training for administering medicines to the animals and also deworming of goats.



### Supplementing Nutrition & Food Security



For providing better livelihood opportunity to OFSDP VSS members, a very good convergence was established with Horticulture department for backyard planting, with a view to improve availability of nutritional food. Sapling of drumstick, banana etc were obtained from horticulture nurseries. Horticulture department is supplying grafted mango, cashew, litchi, lemon and amla seedlings to

be planted in project VSSs. Horticulture department is also monitoring the progress and made a plantation survival assessment. As per govt. norms all beneficiaries are provided ₹1940/acre for mango plantation and ₹ 790/acre for cashew plantation. In coming 3 years those beneficiaries are going to receive more (5 installments) financial assistance from horticulture department.

### VSS & NREGS

Chief Secretary, Orissa has issued instructions to involve all the VSS in implementation of NREGS to the maximum extent. In this direction -

- VSS Chairman/Member Secretary are directed to collect applications from VSS members for obtaining job cards and coordinate with the GP/Block to ensure the issue of job cards.
- Work plan for each VSS relating to NREGS works will be drawn up and DFOs will submit the village/GP/Block wise plan directly to Collector-cum-DPCs for approval at Zilla Parishad level.
- BDOs will supply the list of job

card holders and Gaon Sathis to the concerned DFOs.

- In areas where Gaon Sathi are not available, the DFO may propose one VSS member as Gaon Sathi and may engage him with approval of concerned block.
- PCCF Orissa is to issue detailed instructions to all DFOs regarding convergence of NREGS with other forestry related programmes as per the convergence guidelines issued by MoRD / MoEF.
- DFOs to accord technical sanction of all NREGS works relating to Forest Department

such as afforestation, soil and water conservation, road maintenance, trench fencing and other proposal that are generally undertaken as forestry programmes.

- 10% of the NREGS allocations of a district during the year shall be earmarked for forestry projects & programmes. This will also be the target for the Forest Department.
- All guidelines under NREGS will be followed and DFOs will coordinate in all the implementation procedures with the concerned BDOs (Programme Officer).





## 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 -

## 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 development of these VSSs and equipping them with all possible developmental logistics and linking them with ongoing development efforts. For establishing a robust mechanism and getting support from mainstream development programmes, extensive Capacity Building support is being provided to the VSSs. After the completion of 4 years, VSS activities are going in all the project VSS. Major VSS level activities undertaken during the year are outlined below -

- Formation of VSSs and opening the bank accounts in the 3<sup>rd</sup> batch sites were completed during the year.
- Finalization of the micro plans in the 3<sup>rd</sup> 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 and second batch VSSs, and are at different stages of construction in the third batch VSSs.
- Funds transferred for EPA and office building to the 3<sup>rd</sup> batch VSSs.
- In the 1<sup>st</sup> and 2<sup>nd</sup> 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 3<sup>rd</sup> batch VSSs were engaged and capacity building of these Animators with the 1<sup>st</sup> and 2<sup>nd</sup> batch Animators were taken up for smooth functioning of VSSs.



- 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.





[ Activities 2009-10 > VSS Institutional Development ]



- 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
      - Palli 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 equiped with different IEC of different Line department and resource agencies for specific understanding of development needs of the village and maintenance of the created assets.



[ Activities 2009-10 > VSS Institutional Development > VSS Capacity Building ]

## VSS-Capacity Building

At the VSS/EDC level focused trainings were organised for VSS/EDC and SHG members by the Divisions. In total 67,485 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 during May, 2009.
- \* Microplanning-I - Baseline data collection, PRA at village level and Livelihood Analysis during May-2009.
- \* Soil and Moisture Conservation, Continuous Contour Trenching (CCT) during September, 2009.
- \* 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 during October, 2009.
- \* VSS Book Keeping, Fund Management, Micro-Finance during November, 2009.

### For SHGs-

- \* Forest Protection-Grazing Management and Fire Control during December, 2009.
- \* Livelihoods Vision, IGA, Skill Transfer Training, Health during January, 2010.
- \* Participatory Monitoring and Review of VSS activities during February, 2009.
- \* Refresher Training on VSS Book Keeping, Fund Management and Loaning to SHGs during February, 2009.
- \* Need based Training/Refresher for VSS/EDC/SHG/CIG during February, 2009.
- \* SHG/CIG Promotion & OFSDP Livelihood Perspectives during August, 2009.
- \* SHG/CIG-IGA, Microenterprise and Marketing during August, 2009.
- \* SHG Book Keeping, Fund Management and Micro-Finance during September, 2009.
- \* SHG Exposure visit to Best Practices within DMU during October, 2009 and January, 2010.
- \* Need based Training/Refresher for SHG/CIG during February, 2010.





[ Activities 2009-10 > VSS Institutional Development > VSS Exposure ]

### VSS-Exposure -

During the year 3<sup>rd</sup> batch VSS members were facilitated exposure visits to successful interventions under WORLP for understanding livelihood interventions and simultaneous efforts in the project areas. Besides this 3<sup>rd</sup> batch VSSs got the chance to visit to the project interventions in 1<sup>st</sup> and 2<sup>nd</sup> batch sites for proper understanding of the various components being implemented in the project areas.

Project also organised exposure for selected VSS and SHG representatives from 11 project divisions to “Karnataka Sustainable Forest Management and Biodiversity Conservation Project”.

Project also facilitated exposure of Animators to National Youth Festival-2010 held at Bhubaneswar.

### Exposure to “Karnataka Sustainable Forest Management and Biodiversity Conservation Project”



19 persons (6 men + 13 women), VSS & SHG representatives from 11 project divisions were sent to “Karnataka Sustainable Forest Management and Biodiversity Conservation Project” (JICA Assisted project since 2005-06) for interaction on implementation of income generating activities and other efforts for community empowerment.

During this visit the participants covered 2 districts including Citrurg and Davangere Divisions of Karnataka Forest department. They interacted with the members of VFC (Village Forest Committee, equivalent of VSS in Orissa) and members of SHG (Self Help Groups) and also visited the plantation sites. Main aim was to learn from IGA activities, Sustainable Forest Management

and Biodiversity Conservation methodologies adopted there. Through interaction participants learned on different issues such as -

- Role of VFCs and criteria for selection of SHGs for undertaking different IGAs
- IGA selection process
- Procedure of sanction of loan to SHGs
- Mode of SHG participation in VFCs

- Decision making process
- Profit sharing by SHGs and VFCs
- Record Keeping at VFC and SHG level
- Monitoring and Review of SHG activities.
- Lending utilization by SHGs and loan recovery by VFCs
- Skill Development and Market linkages for rural products.



[ Activities 2009-10 > VSS Institutional Development > VSS Exposure ]



### Project SHGs participation at the Annual Adivasi Mela, Bhubaneswar

The state level Annual Adivasi Mela was held at Bhubaneswar from 26<sup>th</sup> January to 9<sup>th</sup> February 2010. Project facilitated participation of 45 VSS/SHG members from 29 SHGs from 20 VSSs from Angul, Balliguda, Deogarh, Jeypore, Koraput, Paralakhemundi, Phulbani, Rayagada and Rourkela Forest divisions at the stall of the forest department. They did a business of ₹ 2,25,347/- in 15 days by selling around 44 types of NTFPs, Agricultural / farm and non

farm products. Total profit earned by the members, was approximately ₹ 62,000/- . SHG members were highly satisfied on this exposure, which not only provided them opportunity to sale their products, but also exposed them to an entirely new opportunity of being a part of state level event. A model project village displaying various activities undertaken by VSS was displayed, which was highly appreciated by the visitors.





[ Activities 2009-10 > VSS Institutional Development > VSS Exposure ]

### Participation of Project Animators at the National Youth Festival



Project facilitated VSS animators an exposure to the "National Youth Festival-2010" held at Bhubaneswar on 8-12 January, 2010. 50 animators from different DMUs attended the festival. This was the national forum for Arts, Music & Culture, Environment, Livelihoods, Social & Developmental work and Sports.

During the Stay, animators attended one day workshop on "Weight & Measures" organized by Food & Civil Supplies Department near Khandagiri, and also visited Horticulture Farm at Tangi, Choudwar, Cuttack. They visited Dhauli Shanti Stup and Nandankanan, enjoyed the shows of Babul Supriyo, Usha Uthap, Rock band show of North-Eastern States and the dare devil show of Indian Army.

They also had an interaction meeting with Project Director. This was the first ever visit of almost all the Animators to Bhubaneswar. They felt very proud and extremely happy at being a part of a National Event.



[ Activities 2009-10 > VSS Institutional Development > Microplanning ]



### VSS Micro-Plan at a Glance in Oriya

Project has circulated draft format for "VSS Micro Plan at a Glance" to all DMUs for keeping information at VSS level in Oriya. Under JFM Resolution, 2008 it is prescribed to keep the summary of the Micro Plan in Oriya. All the DMUs are directed to comply the provisions of JFM Resolution and PMU's guidelines in this respect and copies of duly filled "VSS Micro Plan at a Glance" in Oriya for each VSS be kept at VSS, FMU and DMU level.

Similarly project has also circulated a format for "VSS Transparency Board"

for uniform recording and display of various VSS activities in the VSS Offices. Strict instructions have been given to all the DMU chiefs to ensure the presence of transparency boards and prescribed complete and up-to-date information on various activities, expenses and achievements. Project also took efforts to ensure availability of IEC materials in all the VSS buildings and proper display for required impact.

### Revisiting Micro-Plans

After physical verification of the forestry interventions in 1<sup>st</sup> and 2<sup>nd</sup> batches project felt that there is scope for additional treatment in several VSSs, based on GIS based maps. From an analysis of the covered area it was found that 62.26% in 1<sup>st</sup> batch sites and 75.1% area in 2<sup>nd</sup> batch sites was treated. Although part of the left

out area may not be suitable / amenable for treatment due to various local situations, at the same time there is scope to find additional interventional areas within the mapped areas. Accordingly project decided for revisit of the sites and re-assess the treatment requirement and revise the micro-plans. Objectives of revisit were -

1. Complete and area specific treatment.
  2. To resolve mismatch in goals and actuals.
  3. To establish synergy among micro plan, Forest map & Treatment Area
- The effort is directed towards complete forest treatment of the mapped areas taken up under the project.





## Forestry Interventions

### Restoration of Degraded Forests

During the year 2009-10 reforestation activities over 47223 hectares were carried out in second batch VSSs under the JFM mode.

This comprise Assisted Natural Regeneration (ANR) over 41967 ha., and 5256 ha of Block Plantations (1371.5 ha of Economic Plantations, 428 ha. of Bamboo Plantations, 1728 ha of Fuel and Fodder Plantations, and 1728.5 ha of NTFP Plantations).

Additional area of 1850.9 ha (ANR over 1694.9 ha and block plantation over 156 ha.) in some 1<sup>st</sup> batch JFM sites were also covered after revisiting this year.

At different block plantation sites, 9.15 lakh seedlings were planted this year on a single day (7<sup>th</sup> July, 2009) as a part of state wide mass plantation drive.

Micro-Plans for 764, 3<sup>rd</sup> Batch sites were completed covering forest treatment area of 61207 ha. Of the gross treatment area in the 3<sup>rd</sup> batch JFM sites, an estimated area of 47735 ha. was planned for treatment under ANR, 3321 ha. Economic plantation, 3369 ha. Fuel & Fodder plantation, 724 Bamboo & cane and 6058 ha. NTFP species. In the mean time ANR silvicultural cleaning, raising of nurseries, and soil & conservation activities have started in all these sites.



DMU wise area proposed for Treatment in 3<sup>rd</sup> Batch JFM sites (Area in ha.)

Division	Sites	ANR	Economic	Fuel & Fodder	Bamboo & Cane	NTFP	Total
Angul	63	3774	238	203	91	453	4759
Balliguda	61	4069	215	171	48	514	5017
Bonai	39	2609	128	47	80	447	3311
Deogarh	79	7186	27	25	64	132	7434
Jeypore	84	6828	423	367	65	446	8129
Keonjhar	77	4560	540	420	0	2	5522
Koraput	134	3864	1000	1550	244	2861	9519
Paralakhemundi	53	3633	245	46	11	53	3988
Phulbani	61	4510	79	68	72	58	4787
Rayagada	80	4104	281	435	36	877	5733
Rourkela	33	2598	145	37	13	215	3008
<b>Total</b>	<b>764</b>	<b>47735</b>	<b>3321</b>	<b>3369</b>	<b>724</b>	<b>6058</b>	<b>61207</b>





[ Activities 2009-10 > Forestry Interventions ]

**Plantation activities during the year -**



- Casualty replacement as part of maintenance in 2008-09 plantation of 1<sup>st</sup> batch sites was done.
- Post planting operations such as weeding, soil working, manuring & mulching was done in 1<sup>st</sup> batch areas
- Plantation activities were taken up in 2<sup>nd</sup> batch with NTFP, Bamboo and block plantation.
- It was observed that there was shortfall in achievement under various plantation components in 1<sup>st</sup> batch when compared to laid project targets. To fulfill the shortfall additional suitable areas (3292 ha. in 1<sup>st</sup> batch sites and 2231 ha. in 2<sup>nd</sup> batch sites) were identified for block plantation within and outside the treatment area and pre-plantation activities have been started for taking up plantation during 2010-11.
- Project also initiated efforts for proper management of the old

plantations existing within the treatment area.

- For 3<sup>rd</sup> batch intervention site selection process for ANR silvicultural cleaning along with gap plantation and block plantation (Economic, Fuel & Fodder, Bamboo & cane and NTFP species) has been completed and plantation activities will start in 2010 planting season.



[ Activities 2009-10 > Forestry Interventions ]



**Consolidated Guidelines on ANR**

For clarity in executing ANR works and proper understanding of the guidelines, "Consolidated Guidelines for execution of ANR" were issued having following major instructions -

- It was observed that rather than cutting high stumps in ANR treatment to boost coppice shoots, shoots on the stumps were only singled.
  - ❖ Cutting live high stumps flush to the ground level for encouraging new and healthy coppice shoots is to be ensured.
- In several ANR treatment areas the saplings/pole crops were very much congested.
  - ❖ Congestion needs to be removed for healthy growth of trees. Silvicultural thinning was suggested to remove congestion in the crop. While thinning, care is to be taken not only to retain the dominant species, but also other useful plants of NTFP/medicinal value with due opportunity for their growth.

- Sample plots of 0.1 ha area with their GPS readings should be demarcated in each ANR (JFM) areas - 2 numbers in sites less than 50 ha, and 3 numbers in sites more than 50 ha. One of these plots is to be kept as control plot. In other plots prescribed ANR operations are to be taken up.
- Inventory of the plant species with frequency of occurrence is to be conducted. Photographs before and after ANR activities should be taken for documentation and future analysis.
- Soil & Moisture conservation treatment has to be specific to each site and at places it may be necessary to undertake some treatments outside the area selected for 'forestry interventions'. In the plantation area SMC measures are to be provided for individual plants so that the mortality is reduced. The soil and moisture conservation treatment for each JFM sites has to be properly planned for the entire area and reflected in the Micro Plan and

treatment maps. The over all SMC component should be completed before planting to have an improved moisture regime available for the plantation, which will also ensure better survival and growth.

- Detailed guidelines for sowing seeds of grasses, climbers, tubers etc. in small gaps of less than one ha area and for intercropping under NTFP component were communicated earlier. Details of the interventions are to be recorded for 4 ha grids as per forest map and demarcated on ground.
- It was also reminded to adhere to previous guidelines relating to refinement of ANR for augmenting livelihoods and promoting in-situ Bio-diversity Conservation and treatment of Bamboo in ANR.





## ANR Fine Tuning



ANR Fine Tuning process started in previous year (2008-09) was incorporated in all the DMUs and an action plan was developed for ANR refinement in the 1<sup>st</sup> batch and 2<sup>nd</sup> batch areas with simultaneous incorporation of process in the 3<sup>rd</sup> batch micro-plans. 1<sup>st</sup> and 2<sup>nd</sup> batch VSSs will amend their micro plans as per the new guidelines for ANR refinement.

ANR process was fine tuned focusing on promotion of conservation of Bio-diversity and in-situ conservation of plant species of livelihood importance with a view to enhance livelihood support potential of the treated forests. ANR refinement proposes -

- Restraint on the removal along with enrichment of species of livelihood importance.

- Promotion of species of livelihood importance through participatory approach using local knowledge systems, and use by local people for meeting livelihood needs.

### Steps for refinement:

- Ecological & Livelihoods Potential Assessment through participatory process.
- Recording of species available and identification of important species through participatory process.
- Designing ANR treatment on the basis of obtained listing of importance species.
- Defining interventional strategy for species retention, tending operations like cleaning, weeding, singling, stool

cleaning; soil & moisture conservation measures and for plantation purpose defining seedling requirement, nursery raising requirement of importance species.

For initial orientation process, it is proposed to include at least two sites in each FMU; one from 1<sup>st</sup> batch sites and another from 2<sup>nd</sup> batch sites. Process was started in 2<sup>nd</sup> batch sites first due to ANR activities in adoption stage and to prevent felling of importance species during cleaning operations. In 1<sup>st</sup> batch sites, focus was on seed dibbling or transplanting the wilding including those of tuber species that community want to augment in the gaps or under the shades.



## Forest patrolling



As per the VSS management manual, the members of the VSS is to ensure protection of forest and wildlife in the area against illicit felling, theft, poaching and wildlife encroachment of forest land, fire, grazing etc. They are required to actively help the forest officials in apprehending any person committing forest offences and give evidence against such persons in the Court of Law.

In order to further strengthening of this activity and to ensure full involvement of all the members of the

VSS in protection and management of their assigned area, every household was to be made responsible for personally patrolling (at least 2 members) the assigned area, at least once every six months to discourage illicit removal or even destruction harvesting by stakeholders.

VSS Executive Committee is to fix the roster for the purpose and ensure it by motivating the families. Project has provision for watch and ward incentive, as well as for no fire incidences. These were reiterated and the facilitators were advised to spread the message to all project VSSs.

## Vermi Compost

Efficacy of vermi compost as organic fertiliser in nursery raising, farm forestry and in agriculture lands creates a healthy prospects for its use in the forestry interventions. Vermicompost units are facilitated in all project divisions for amelioration of soil and as income prospects to the budding rural entrepreneurs.

Qualitative aspect of the vermi compost produced at various locations is generally neglected. Project has taken up the initiative for testing of vermicompost produced at 5 locations (4 from project and 1 from Silviculture Research Garden, Bhubaneswar) for qualitative analysis with a view to introduce appropriate quality improvement measures. These tests were done through an



expert testing lab and comparative results with quality results of Silviculture Research Garden,

Bhubaneswar were sent to respective project divisions with suggestions to improve the inputs/processes.

Sl.	Samples Collection	Moisture (%)	Nutrient content (%)		
			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
1.	Rourkela Div.	19	0.32	0.25	0.12
2.	Rayagada Div.	22	0.44	0.11	0.09
3.	Keutaguda, K. Singhpur	20	0.33	0.29	0.19
4.	Angul Div.	12	0.14	0.19	0.13
5.	Silviculture Office	22	0.76	0.44	0.39







## Coastal Plantation

### Mangrove Plantation



631 ha of Mangrove Plantations was raised in Bhadrak and Balasore (WL) Divisions under Coastal Plantation component during 2009-10.

2<sup>nd</sup> year maintenance works were carried out in the 320 ha. plantations raised during 2008-09.

Including the 'bani plantation' in fishbone channels, 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.



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For the first time hypocotyls (in Type-4 areas) were planted in pre-monsoon period. However hypocotyls got washed away by high tides. Again hypocotyls were planted in post monsoon period when sea is relatively calm. It was decided to take up the plantation of hypocotyls repeatedly for 2-3 years for establishing mangrove plantation.

Fishbone channels (Type-2 area) - plantation was taken up in fishbone channels-side channels and also inter channel spaces.

For ANR model (Type-3 areas), measures were taken up for enrichment planting in areas generally lying between areas suitable for type2 and type 4 plantations that support sparse growth of mangroves. As per site condition channels were dug for enhancing tidal flow.

It was suggested to take up most appropriate treatment model as per the site conditions and requirement to cover the entire area. Composite maps were prepared showing areas with type of interventions (mangrove plantation model), year and area left out and reason thereof. Project is taking steps for collection of mature hypocotyls from other region of the state due to shortage of the same in the project area. Casualty replacement activities were taken up for adequate stocking.

High damage in some plantations were witnessed due to tidal waves-washing away of seedlings, sand casting etc. Furthermore high casualty is reported along embankment due to high salinity in Type-1 areas. Considering this PMU issued instructions to DMUs to chronologically document all such events with casualty replacement

activity for future reference and documenting the learnings.

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.

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[ Activities 2009-10 > Coastal Plantation ]

### Casurina Plantation

12 ha of Casuarina Plantation was raised during 2009-10. Plantation raised during 2008-09 were maintained.

A scheme was got 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. The scheme prepared earlier was revised through proper mapping of the old plantations and sample enumerations, and submitted to the Eastern Regional Office of the Ministry of Environment and Forest, Govt. of India for approval.



### Community Participation in coastal intervention-



22 villages have been identified for association with the task of restoration of Mangroves under the project, 16 in Bhadrak and 6 in Balasore WL Division. Micro Plans have been prepared in 8 EDCs in Bhadrak, 4 EDCs in Balasore and are in different stages of preparation in other EDCs.

Specific guidelines for micro planning were developed in view

of the need for strict protection of mangrove areas taken up for restoration.

Livelihood promotional activities have been initiated in the EDCs. EPA works have been continuing with simultaneous support to the SHGs/ CIGs for Income Generation measures. 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.

Fishing in the channels dug up for enhancing tidal flow was taken up by the villagers in some areas and this provided additional fish catch. Exploratory works were taken up for 'crab production' as a potential IGA in 2-3 EDCs.

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### Biodiversity Management



### EDC(PA) Micro Planning

Project has evolved a step by step approach for comprehensive micro-planning in EDCs in Protected Areas through a truly participatory process, involving the communities, forest department officials facilitated by the experts (General Consultant). A conceptual Framework documenting this process was prepared, printed and circulated.

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

In total 17 villages have been identified in the core area, in which 19 EDCs were formed / revitalized in 4 clusters. Micro planning was

completed in all the EDCs following the above mentioned process.

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 was completed in one village and in advance stage in 5 others villages. In addition, anti-degradation squads have been formed in five EDCs of Purunakote cluster.

Cluster development plans will be evolved for all the four clusters involving 19 EDCs. As a part of community mobilization and an effective mechanism to mitigate man-elephant conflict, interventions for solar power fence around the villages initiated in Purunakote will be extended to remaining villages.

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[ Activities 2009-10 > Biodiversity Management ]



EDC Microplanning

### Eco-Tourism Development



Development of Eco-tourism sites in Purunakote cluster - at Chhotkai-detailed designs have been prepared. A Day Nature Visitor Center was established at Goindy considering the eco-tourism potential of the site and to free the core area from over congestion.

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 analysing 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.

It is also proposed to undertake detailed study of the two tiger census methods i.e. "pugmark" and "camera trap" in Satkosia with a view to put in place a reliable system to study the dynamics of tiger population.

Project has also conducted a feasibility study in Tenda, Aguansahi, and Saralia in Balasore WL Divisions (Kuldiha area) to assess the eco-

tourism potential and prospects for biodiversity management. Proper implementation strategy will be defined after evaluation of the study report.

Proposals for two other sanctuaries in the Project area, namely Lakheri Valley and Kotagarh respectively in Parlakhemendi and Balliguda Forest Divisions were also under analysis for preparing Eco-development plans involving communities in critical villages through formation / revitalizing of EDCs.

## Non-JFM Interventions

### Artificial Regeneration -Teak

Teak plantations were raised on 2535 ha. during the year. Maintenance work for previous year plantations and post planting operations for current year were taken up. Preliminary operations were in progress for raising teak plantations over 6370 ha. during 2010 planting season.

Due to low achievement, DMUs were directed to make concerted efforts for identification of suitable areas from out of the areas where such work are prescribed under the working plans.

#### Qualitative improvement in

**planting techniques was initiated through promotion of root trainer seedlings and raising Teak plantations using RT seedlings.** Quality seeds were also procured from Maharashtra.

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.

In some areas in Phulbani division which support sal root stock, it was seen that with protection Sal coppice shoots have come up and are competing with planted Teak seedlings. The number of Sal coppice shoots were adequate for good stocking. It was therefore decided not to take up such areas in all divisions for raising teak plantations.



Division	Plantations Raised		Preliminary operations for 2010-11 (Ha.)
	2008-09 (Ha.)	2009-10 (Ha.)	
Angul	0	230	340
Deogarh	35	200	120
Parlakhemendi	0	60	280
Phulbani	100	130	400
Balliguda	0	130	850
Keonjhar	70	80	400
Koraput	150	320	2000
Jeypore	150	520	550
Rayagada	90	735	845
Rourkela	30	130	440
Bonai	0	0	145
Total	625	2535	6370





[ Activities 2009-10 > Non-JFM Interventions ]

## 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 analysed.



Besides the provision of Mist chamber facilities, project is promoting nursery raising through "Root Trainer Technique" and "Raised platform techniques". Centralised 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.



## Forest-Type Improvement

After detailed analytical discussion about activities under the 'Forest Type Improvement' sub-component, following type of silvicultural operations are being proposed in areas covered by working plans:

- Tending and Thinning of old Plantations and in congested sal pole forests.
- Silvicultural operation of bamboo areas affected with gregarious flowering.
- Copy book subsidiary silvicultural operations in high forests.
- Continued support to MPCA

(Medicinal Plant Conservation Areas) established in different divisions.

- Enrichment planting to increase the biodiversity.

Detailed proposals along with name of forest block/comptt, working circle, type of works e.g. 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

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, pucca drains under the project to enhance service life of such roads** with earth works from NREGS or other sources wherever required. Similar efforts are being made for need based improvement of existing forest roads.

27.83 kms. of forest roads have been constructed and 100.23 kms. roads repaired. 38 culverts, 41 causeways, 98.4 meters retaining wall and 25 meters pucca drains were constructed.

26.98 kms. of VSS link roads have been constructed and 16.54 kms

repaired benefiting about 40 VSSs.

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 67 blocks have been taken up in 11 forest divisions and so far 775.18 kms. of boundary clearance has been done with repair of 3319 pillars and construction of 1790 pillars. Moreover so far GPS maps have been completed for 12 blocks. In other blocks works are in progress.

## 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.

After the completion of 4 years, interventions in all the 3 batches have started and motivated community is taking all out 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 sustenance dependence on the forests. For this purpose project has adopted an evolving and demand driven approach and activities are initiated to make community self sufficient and responsive to their own development. Major steps taken in this direction are :

- All the VSSs 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





[ Activities 2009-10 > Livelihood Layering ]



Drinking Water, Sanitation



Health & Education



[ Activities 2009-10 > Livelihood Layering ]



Agricultural Equipments, Farm Machinery  
Veterinary Services  
Water Structure for Irrigation & Pisciculture

- ❖ 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
- Financial Capital -
  - ❖ VSS revolving fund
  - ❖ Village Forest Development Fund - (VFDF)
- Social Capital -
  - ❖ VSS- Community collaboration
  - ❖ SHG formation / rejuvenation / strengthening
- Income Generation -
  - ❖ Pilot IGAs (Small Loan Support to individual SHGs)
  - ❖ Cluster IGAs by SHGs, CIGs



Household Needs and Food Security





[ Activities 2009-10 > Livelihood Layering]



Asset Base for IGAs



Energy Solution



## Income Generation Activities



Following the Project provisions, IGA Revolving Fund @ ₹ 1.00 lakh per VSS have already been released to project VSSs from which loans are being given to SHGs for taking up different Income Generation Activities.

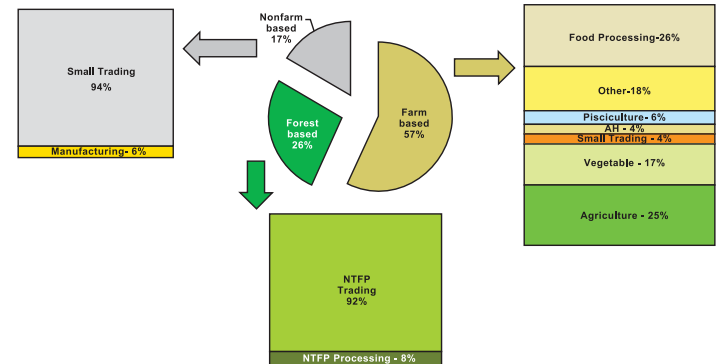
Project has adopted a **'result oriented', 'demand driven' approach** rather than a target oriented supply approach. Pilot IGAs are being implemented under which small loans are taken by SHGs for activities based on local resources and skills.

1444 SHGs have availed loans from VSS revolving fund. The following

graph depicts the type of activities preferred by the community. Several of these SHGs have already paid back the loans and have started taking repeat loans. Some are continuing with the selected activities. Training programmes are being undertaken to enhance the capacities of the SHG members as also of VSSs in handling IGAs.

In addition to small scale pilot IGAs, attempts were also made for clustering of SHGs around specific commodities/IGA - these include Tamarind in Koraput and Balliguda; Pisciculture in Deogarh.

Activity Preference during Pilot-IGAs (Small Loan support)





[ Activities 2009-10 > Income Generation Activities ]



### Grounding Focussed IGAs -

Appraisal of SHGs in project villages, experience of pilot IGA and outcomes of Livelihood Opportunity Analysis (LOA) provided critical insight for evolving a robust IGA strategy. While pilot IGA with small loans of short gestation periods to selected target SHGs for bulk/local marketing will continue, cluster-IGAs through groups of SHGs will be promoted around specific commodities for scaling up and higher market access through collective marketing and / or value addition. Village specific IGAs with small loan through CIG (Common Interest Group) will also be explored.

Based on the finding of Livelihood Opportunity Analysis, a series of DMU level workshops were organised during August and September, 2009 for grounding of cluster-IGAs. Besides screening 20 commodities in 14 DMUs and presenting their Value Chain Analysis, LOA report outlined business plans and suggested institutional arrangements for cluster-based IGAs. DMU-wise implications of the 'LOA report' and 'IGA Grounding Guideliens' issued by the project were discussed in these workshops. A preliminary lists of commodity-wise clusters in each FMU was evolved with timeline for its implementation. Field validation and mapping of clusters, discussion with institutional and infrastructural

partners, capacity building of SHGs, developing specific business plans, are under process. Project is proposing to promote any potential IGAs under pilot IGAs in addition to the following 20 identified during LOA.

20 commodities selected during LOA -

Agriculture	Horticulture	NTFP	Off Farm
Maize	Onion	Mahua flower	Poultry
Kandula	Cashew nut	Mahua seed	Pisciculture
Niger	Jackfruit	Hill broom	Vermi compost
	Custard Apple	Dhatuki	Tasar
	Pine Apple	Siali Leaf	Honey
	Mango	Tamarind	

Project is planning to engage IGA Support Agencies for facilitating upscaling pilot IGAs into commodity based clusters, and enhancing the small scale IGAs from one cycle to round the year activity, depending upon available raw materials/ local skills and market demand.



[ Activities 2009-10 > Income Generation Activities ]

## IGAs under the Project





## Monitoring & Evaluation



PMU regularly reviewed the progress through different meetings and field visits by the officials for assessing the progress and required support to the grassroot 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



Activities of the project were reviewed by Mr. U.N. Behera, IAS, Commissioner-cum-Secretary, Forest & Environment Dept. on 7<sup>th</sup> August, 2009. The PCCF, Orissa, Special Secretary to Govt. F&E Dept., Project Director, all CFs, DFO-cum-DMU Chiefs and all PMU officials were present. DFOs were asked to ensure formation of required number of VSSs as per the targets communicated by the PMU.

Project activities were also reviewed by Addl. DG Forest, Ministry of Environment & Forests, Govt. of India

at New Delhi on 10<sup>th</sup> September, 2009. Project Director along with Joint PD Mr. D. Biswal made a presentation highlighting the present status. Expressing satisfaction over the progress of works MoEF officials emphasized upon the need for documentation of success stories and awareness generation, and coordination with ITDC/OTDC to promote eco-tourism. Representative of JICA India and IGF (EAP) Sri R. K. Goel were also present at the review.

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### Evaluation Team on Japanese ODA Visits OFSDP

JICA has constituted an evaluation team to visit the projects in different sector, to prepare priority for Japanese ODA for next five years. Orissa Forestry Sector Development Project is the only Forestry project which was selected by the team from the forestry projects being funded by JICA in different states.

The team interacted with Project Director, Mr. Arun K. Bansal and other Project Officers at Angul on 26<sup>th</sup> October, 2009, Sri S.S. Mishra, DFO

Angul apprised the team on current status of project activities. The team interacted with leaders & women SHG Members at Sudashai VSS in Angul division. They visited forestry intervention sites, water harvesting structure created under the project, which is now being used for Pisciculture and vegetable cultivation fields of Women SHGs. The team expressed satisfaction about the implementation of the project.

### Independent Third Party Verification of Assets MIS Development

The system of independent - third party - verification of assets created under the Project was initiated during the year 2008-09, and the first round of such verification was taken up by two firms namely I-concepts, and SORFO covering 71 (randomly selected) of the total 610 first batch VSSs, and all other assets created/procured under the project at various levels - PMU, DMUs and FMUs. Second round of similar third party verification covering both 1<sup>st</sup> and 2<sup>nd</sup> batch VSSs is under progress.

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

1. MIS Booklets were published in Oriya for 4 sub-components i.e Nursery, SMC, Plantation & Fire line of RDF component activities in August 2009
2. The Booklets were distributed to 1262 VSSs of 1<sup>st</sup> and 2<sup>nd</sup> batch sites
3. Instructions and trainings were given to master trainers (FEOS), Member Secretaries, and selected Animators.
4. Training for filling up the MIS forms in almost all the DMUs were undertaken by the MIS expert with GC and MIS Technician of the PMU.
5. MIS recording Software is being developed through an expert organisation and is likely to be ready next year for use after extensive trials.
6. Data recording forms for another 6 sub-components including LLI, IGA, EPA, CB, Coastal and Convergence activities are under development.



Mr. U.N. Behera, IAS, Principal Secretary, Forest and Environment Department reviewing the progress in Baliguda forest division

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[ Activities 2009-10 &gt; Monitoring and Evaluation ]

## VSS Performance Assessment

VSS is the frontline institution for various interventions under the Project. It was pertinent to assess the performance of VSSs with respect to different interventions and managerial aspect in handling the activities. Project's aim of institutionalizing JFM can only be fulfilled through robust VSSs. For this purpose strengthening process is underway and periodic evaluation of VSS functioning was a necessity. Project started the assessment process with 610 VSSs of the 1<sup>st</sup> batch with the objective of -

- Evaluating performance of VSSs in different functional aspects such as Social, Institutional, Forest Resource Management, Project Implementation, Relationship with Stakeholders, Quality of treatment etc.
- Identifying gaps in the capability enhancement, facilitation requirement, self sustenance of VSS and its relationship with forest department for appropriate remedial measures.
- Appreciating the successful efforts and identification of good practices in VSS management for highlighting its replication in other VSSs.
- Promoting healthy competition among the VSSs for achieving better results.

### Methodology -

Performance of the VSSs were assessed through specially designed questionnaire focussing on different functional aspects evolved after several brainstorming sessions between PMU officers and GC experts.

Considering the sustainability of project interventions specific attention was given on the questionnaire relating to "Institutional and social aspects of VSS management".

Filled in questionnaires received from 599 VSSs were compiled at the PMU and a computerized database was prepared and analysis done for grading based on overall score. After the data analysis, VSS grading was done on the basis of total score as % of maximum possible.

Grade A+ :  $\geq 90\%$  - OutstandingGrade B :  $\geq 50\%$  and  $< 70\%$  - GoodGrade A :  $\geq 70\%$  and  $< 90\%$  - Very GoodGrade 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	70	47	21	2	
2.	Balliguda	30	8	21	1	
3.	Bonai	34		16	18	
4.	Deogarh	77	1	58	18	
5.	Jeypore	48	1	10	35	2
6.	Keonjhar	76	2	35	39	
7.	Koraput	68	1	34	33	
8.	Paralakhemundi	41		22	17	2
9.	Phulbani	60	1	2	52	5
10.	Rayagada	50		13	36	1
11.	Rourkela	45	1	18	21	5
	<b>Total</b>	<b>599</b>	<b>7</b>	<b>263</b>	<b>311</b>	<b>18</b>

### Results -

Results were quite encouraging as majority of VSSs received Grade 'A' (Very good) and Grade 'B' (Good). 7 nos. of VSSs obtained Grade "A+" (Outstanding). 18 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 1<sup>st</sup> batch VSSs" for sensitization and follow up action on the part of project stakeholders.

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[ Activities 2009-10 &gt; Monitoring and Evaluation ]

## Second Annual Review Meeting Sameekshya 2009



The second State Level Annual Review Meeting of the Project "Sameekshya 2009", was held on 29<sup>th</sup> & 30<sup>th</sup> January 2010. Mr. T.K.Mishra, IAS, Chief Secretary, Govt. of Orissa, and President, OFSDS, was the Chief Guest; with Mr. R.N. Senapati, IAS, Agricultural Production Commissioner, and Vice President, OFSDS, and Mr. U.N. Behera, IAS, Principal Secretary, Forest & Environment Dept. as the Guests of Honour.

The Annual Review Meeting provides a forum for the exchange of views amongst the VSS/SHG and staff

members from PMU/DMUs and FMUs, and to study the best practices for replication and identification of technical, social and managerial issues to be addressed on priority for proper implementation of the project. The participants also suggested appropriate measures to address issues/problems and feedback on lessons learnt, for adoption in Project Management. The 1<sup>st</sup> day of the meeting was attended by the Regional CCFs, DFO- cum-DMU Chiefs; and one Sr. FEO, two Range Officers-cum- FMU Chiefs, two



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[ Activities 2009-10 > Monitoring and Evaluation ]



Member secretaries of VSS, two VSS Presidents, two Animators and two NGO Team Leaders from each forest/ wild life Division, SHG members, Officers of the PMU and the Experts of General Consultant. The Chief Guest also released a booklet 'Institutional Strengthening- Performance assessment of 1<sup>st</sup> Batch VSSs', on this occasion. During the day Mr. S.P. Nanda, IAS, Development Commissioner and Adtl. Chief Secretary, Govt. of Orissa also graced the occasion and encouraged the participants. He released the Brochure on 'Simarouba' and an activity based Calendar for 2010, developed by Rourkela DMU. Twenty eight speakers - Animators, Secretary SHGs, VSS Presidents, partner NGO Team leaders, Member secretary VSS/EDC, FMU Chiefs made presentations and shared their experience and the

success stories. Powerpoint presentations of some communities (VSS) representatives were very encouraging and also, in a way showcased examples of community capacity building and empowerment being pursued by the project. At the end Project Director distributed awards to best performing VSSs. A photo exhibition was organised on the different activities of the project during the workshop, which was appreciated by the visiting dignitaries.

The second day of the meeting was attended by the Regional CCFs, the DFO-cum-DMU Chiefs, Officers of the PMU and the Experts of General Consultant and the progress of the project activities were reviewed.



Review meeting at PMU on the 2<sup>nd</sup> day of the workshop

## IEC during the year



Project brought out following publications during the year.

- Annual Report, 2007-08
- Hand Book For Facilitators For Microplan Preparation in Mangrove Areas
- Micro Plan Hand Book For Mangrove Areas
- Flip Chart - Swayanga Sahayaka Gosthi Sasastikaran (Oriya)
- Capacity Building Modules for Self Help Groups
- News letter quarterly published in English & Oriya
- Conceptual Framework for Eco-Development Including Community Based Eco-Tourism and its application in Satkosia Gorge sanctuary.
- Quest for Convergence - A brochure for augmenting convergence support





[ Activities 2009-10 > Project IEC ]

10. Book on Proceedings of National Cross Workshop. "Livelihood Awakening"



11. OFSDP Quiz (English & Oriya)



12. Institutional Strengthening Performance Assessment report of 1<sup>st</sup> Batch VSSs



13. Sustaining Livelihood - A booklet on the IGA process of the project and various activities undertaken by SHGs through small loan support.



[ Activities 2009-10 > Project IEC ]

**Poster and Banners Published during the year**



Poster on Convergence process under the project



Poster in Oriya on Livelihood augmentation through convergence



Poster in Oriya on Rooting Sustainability

Poster in Oriya on various aspect of Livelihood support and processes being undertaken.



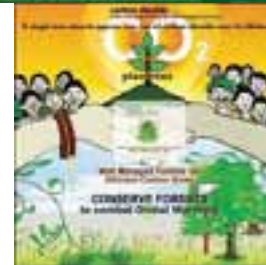
Poster on major components of the project



Poster on VSS activities



Poster on Global Warming



Release of some of the publications during 'Sameekshya, 2009'.





## Annual Action Plan 2010-11

Activities that are to be taken up during the year 2010-11, 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 and second batch VSSs
- Implementation of Micro Plans in the third batch VSSs.
- Selection of the remaining number of VSSs to achieve the Project target of 2221
- VSS/Decentralized Nurseries: Nursery establishment in 2nd and 3rd batch areas.

### Soil and Moisture Conservation Measures:

- Specially designed training programmes for improving the required technical skills of the facilitating officials.

- Establishing a model SMC treatment site in one of the third batch JFM sites.
- Site specific treatments will be completed in the third batch JFM site.

### Assisted natural regeneration (ANR):

- Of the gross treatment area in the third batch JFM sites, an estimated area of 47735 ha. is planned for treatment under ANR,
- In addition, block plantation over an area of 5557 ha. is to be taken up in the areas identified in 1<sup>st</sup> and 2<sup>nd</sup> batch VSSs for which pre-planting operations are in progress.
- Revisit to the first and second batch JFM sites for comprehensive treatment.

### Forest Management in Non-JFM Mode

- Forest Boundaries work taken up till 2009-10 will be completed. Further forest blocks will be selected where sites have been selected for treatment in JFM mode, and that are duly notified under Orissa Forest Act 1972, and there are no boundary disputes.

- Nursery with mist chamber facility established at Angul. Additional permanent nurseries will be established and existing ones improved after analyzing the requirement of plantation stock in the Project Divisions.

- Forest-type Improvement: Silviculture operations, thinnings 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 6370 ha. is scheduled for plantation during 2010 planting season.

- Preliminary operations; nursery and pre-planting (up to pitting) for teak plantation to be raised during the year 2011-12 will be carried out.

- Fire Protection: Fire lines established during last year will be maintained and for new plantation area fire lines will be cleared, during January 2011 before the dry season, to protect plantations.



[ Annual Action Plan 2010-11 ]

### Coastal Plantations

- Mangrove and Casuarina plantations of previous years will be maintained along with the casualty replacement.
- 1050 ha & 50 ha of mangrove plantation will be raised by Bhadrakh (WL) and Balasore (WL) Divisions respectively during 2010-11, for which preliminary operations were started during 2009-10.
- Further Casuarina (shelter belt) plantations will be raised after the approval of scheme for harvesting and replanting of old mature casuarina plantation by the Government, which will be pursued.
- Both physical and social fencing shall be provided to protect mangrove forest from the pressure by the local people and cattle.

Execution status of EDC Micro Plans that have already been prepared and implemented till 2009-10 will be analysed and required mid course corrections will be initiated. Micro Plans will be prepared for the all remaining villages located around the mangrove restoration area and implementation started.

### Biodiversity Management

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

Cluster development plans will be evolved for all the four clusters involving 19 EDCs.

Solar power fence around the villages initiated in Purunakote will be extended to remaining villages.

The Day Nature Visitor Center established at Goindy during 2009-10 will be improved further for ensuring sustainable growth.

Eco-Development Plan for two other sanctuaries in the Project area, namely Lakheri Valley and Kotagarh respectively in Parlakhemendi and Balliguda Forest Divisions will also be prepared and implementation initiated.

### Community / Tribal Development

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

Of the 623 sites/VSSs selected for first batch interventions works could not be continued due to conflicts in 13 sites. In these VSSs conflict resolution efforts as provided for in the 'VSS Management Manual' will be continued, to take up these VSSs.

Micro Plans of 1<sup>st</sup> and 2<sup>nd</sup> 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 three batches of VSS covering various aspects aiming at skill up gradation & better project execution.

Specialized need based trainings for SHG/CIG members as per the IGA requirement.

VSS representative meetings will be organised 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 to IGAs, enhancing livelihood options, community empowerment, implementation of village development programmes will be organised for selected VSS/SHG/CIG

leaders and members.

Such exposure-cum-training visits to successful project in other States like Karnataka & Tamilnadu will also be facilitated to grassroots stakeholders.

DMUs will facilitate exchange visits for VSS members within their Forest Division so that they can interact with each other and promote mutual learning.

### 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 organised 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





[ Annual Action Plan 2010-11 ]



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 "execution of full-fledged IGAs".

Detailed action plan for grounding focused IGAs has been evolved. The action plan includes roles and responsibilities of different facilitators, VSSs and SHGs, as also programmes for enhancing their capacity in successful execution of 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.

Works already done shall be put on the GIS database maintained at the PMU.

##### Research

- Research works undertaken in previous years will continue. Further new research topics on Study of impact of ANR on Bio diversity

and Study on JFM implementation models in Orissa will be included. Studies related to bio-diversity management shall also be started.

##### Publicity and Communication

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

- Production of multimedia IEC materials will be taken up keeping in view the specific needs of the different target groups.
- A fully equipped publicity van procured under the project for awareness generation and information dissemination at grassroot level will be sent to different project sites.
- Specialized contents on various aspects of forestry will be prepared and publicized through media and other government publications.
- Multi-media CDs highlighting the activities of various VSSs will also be prepared in local language.

## Statement of Accounts





## Statement of Accounts

**PATRO & CO.**  
Chartered Accountants

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web http://www.patroandco.com  
Form - SoE  
Date : 30/08/2010

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 2009-10. 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 2009-10.

for PATRO & CO.,  
Chartered Accountants

  
(Rajendra Patro)  
Partner  
M.No.019423  
INTERNAL AUDITORS



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ORISSA FORESTRY SECTOR DEVELOPMENT SOCIETY  
SFTRI CAMPUS, GHATIKIA, BHUBANESWAR  
CONSOLIDATED BALANCE SHEET AS ON 31.03.2010

LIABILITIES	AMOUNT (Rs.)	ASSETS	AMOUNT (Rs.)
<b>CORPUS FUND</b>		<b>FIXED ASSETS</b>	
Opening Balance	51,633,270.66	As per Schedule - D	46,961,409.34
Add: Grant utilised for Fixed Assets	2,436,751.72		
Less: Amount Equivalent to Depreciation	<u>7,108,613.04</u>		
	46,961,409.34	<b>CURRENT ASSETS</b>	
Revolving Fund	92,600.00	Loans and advances (As per Schedule - E)	5,119,266.00
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>		Advance to FMU	46,280,529.60
Unspent grant (As per schedule - A)	460,164,603.85	Tax Paid Under Protest	871,993.00
Current liabilities (As per schedule - B)	1,029,548.00	<b>CASH &amp; BANK BALANCE</b>	
Other liabilities (As per schedule - C)	6,642,073.69	Fixed deposit	322,931,761.00
		Bank Balance	
		PMU	13,050,157.12
		DMU	<u>79,635,778.82</u>
		<b>Cash Balance</b>	
		PMU	10,479.00
		DMU	<u>28,861.00</u>
			39,340.00
<b>TOTAL</b>	<b>514,890,234.88</b>		<b>514,890,234.88</b>

As per books of accounts / records produced to us, the above statement are compiled by us.

for PATRO & CO.,  
Chartered Accountants

  
(Rajendra Patro)  
Partner  
M.No. 019423



Place : Bhubaneswar,  
Date : 30/08/2010

# Orissa Forestry Sector Development Project

Annual Activity Report 2009-10



# Orissa Forestry Sector Development Project

Annual Activity Report 2009-10



[ Statement of Accounts ]

[ Statement of Accounts ]

ORISSA FORESTRY SECTOR DEVELOPMENT SOCIETY  
SFTRI CAMPUS, GHATIKIA, BHUBANESWAR  
CONSOLIDATED INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD FROM 1ST APRIL '09 TO 31ST MARCH '10

EXPENDITURE	INCOME	AMOUNT (Rs.)
<b>DMU EXPENSES</b>	<b>BY GRANT IN AID</b>	
<b>BY ADMINISTRATIVE EXPENSES</b>	Opening Unspent	661,329,054.29
Office Expenses	Add: Receipt during the period	986,846,772.00
1,733,844.00		1,648,175,826.29
Travelling Expenses	Less: Grant utilised for purchase of fixed assets	2,436,751.72
MV- POL		
5,531,805.00		
Salary of DEO's	Less: Unspent Grant	460,164,603.85
9,494,622.00		1,185,574,470.72
<b>Publicity &amp; Communication</b>	Interest received(SB)	6,178,050.30
Field Level Publicity Unit	Interest on FD	14,494,311.00
170,259.66	Sale of Sheedling	44,428.22
Facility/Equipment Improvement	Amount Received from FDA	139,100.00
Wireless telecommunication		
46,808.00		
<b>Capacity development</b>	MISC INCOME	170,101.00
Training for DMU staff	By Depreciation	7,108,613.04
573,995.00		
1,642,103.00		
<b>Forest Management under Non-JFM Mode</b>		
Construction and improvement of permanent Nursery nursery		
2,612,654.00		
Maintenance of forest boundary		
1,610,764.00		
Assisted natural regeneration		
12,615,431.00		
Consolidation and demarcation of forest boundary		
937,045.00		
Demarcation of forest boundaries		
343,141.00		
Farm Forestry development		
20,000.00		
Promotion of Fuel wood Saving devices		
176,040.00		
Artificial regeneration		
37,954,877.84		
Facility and Equipment Improvement		
77,500.00		
<b>Capacity building of VSS</b>		
Improvement of VSS facility and equipments		
931,969.00		
Organisation Support		
6,000.00		
VSS/EDC representative meeting		
481,404.00		
VSS management guideline development		
201,705.00		
Preparation of micro plan		
5,060,886.94		
Training of SHG		
222,140.00		
Community organising		
1,205,197.00		
	8,089,301.94	
<b>Mangrove Species Plantation</b>		
Plantation Establishment		
3,849,142.00		
Land Preparation(Construction of Canal)		
10,644,461.00		
Farm Forestry		
-25,000.00		
Casualty Replacement Nursery		
109,576.00		
	14,578,199.00	
<b>Non Mangrove Species Plantation</b>		
Plantation Establishment		
833,074.00		
Renovation and Extension of FMU		
Building		
31,900.00		
Preparation of Microplan		
4,950.00		
Casualty Replacement Nursery		
42,460.00		
	912,384.00	
<b>Community / Tribal development</b>		
Technical support		
20,925,319.00		
Organisational support		
-183,838.00		
IGA		
200,000.00		
EPAs		
6,713,239.00		
Exposure Trips		
142,061.00		
Empowerment of VSS		
636,819.00		
Training coaching and information dissemination		
2,595,349.00		
	31,028,949.00	
<b>Release to VSS</b>		
Bamboo/Cane Plantation		
5,417,950.00		
NTFP Plantation		
73,654,530.00		
Fuel and Fodder Plantation		
78,759,965.00		
Economic Plantation		
50,580,973.00		



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ANR	277,624,349.00	
Improvement of Vss Facilities and Equipment	106,178,761.00	
EPA	111,424,657.00	
Artificial Regeneration	3,939,319.00	
SMC	40,760,287.00	
Organization Support	14,848,063.00	
Plantation Establishment mangroove	778,950.00	
Preparatory work for microplan formulation	35,000.00	
VSS Management Guideline Development	355,000.00	
Auditing of VSS	643,800.00	
Preparation of Microplan	1,357,400.00	
Fire Protection	50,930.00	
Seed Money for Raising planting Stock for Selling	672,000.00	
IGA(Revolving Fund for VSS)	62,575,461.00	
Training coaching and information dissemination	1,475,000.00	
Establishment of Decentralized Nursery	192,800.00	831,325,195.00
<b>Release to EDC</b>		
Plantation Establishment(Mangroove)	5,264,770.00	
Improvement of Vss Facilities and Equipment	1,672,000.00	
Preparation Of Microplan	30,000.00	
Formation of Anti Depredation squad	518,000.00	
Community Organisation	32,500.00	
Training Coaching Information Dissemination	100,000.00	
VSS management guideline development	10,000.00	
EPAs	3,218,424.00	
IGA(Revolving Fund for VSS)	1,500,000.00	
Solar Power Fencing	3,300,640.00	
Land Preparation(Construction of Canal)	21,889,645.00	
Fencing Mangroove	7,000.00	
Organisation Support(Animator)	51,000.00	
Eco Tourism Development	191,000.00	37,784,979.00
<b>Eco Tourism Development</b>		
Destination Development		183,690.00
<b>Livelihood Improvement</b>		
Medical / Health care camp for infectious disease		194,075.00
<b>JFM site selection</b>		
Demarcation of JFM area	6,861,720.00	
Preparatory work for microplan	229,943.00	7,091,663.00
<b>Supporting Activity</b>		
Seed Money for Raising planting Stock for Selling	961,526.00	
Renovation / Extension of FMU		
Building	100,937.00	
Preparatory work for microplan		
Public Awareness	60,000.00	
Wet land Day	16,239.00	
Wireless telecommunication		
Website development	7,721.00	
Design of Model Firm	62,000.00	
AR Teak Plantation		
Annual Review seminar	126,334.00	
VSS audit fees	618,910.00	1,953,667.00
<b>Infrastructure developments</b>		
Improvement and rehabilitation of forest road	9,649,730.00	
Maintenance of forest road	273,288.00	
Plan & Design(Link Road)	118,949.00	
Plan & Design(Forest Road)	748,935.00	



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# Orissa Forestry Sector Development Project

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## [ Statement of Accounts ]

Construction of new roads with related structures	1,725,846.00	
Improvement of existing forest roads	4,979,931.00	
Improvement of existing forest roads(Link Road)	796,436.00	
Construction of new Forest Road	781,215.00	
New construction Link road	2,408,288.00	21,482,618.00
<b>Forest Researches</b>		
Tree Development studies	60,910.00	
Socio-economic Research	17,900.00	
Forest Type Improvement	94,240.00	173,050.00
<b>Restoration of degraded forest</b>		
soil moisture conservation	76,831.00	
Maintenance of Forest boundaries	285,725.00	
Artificial Regeneration	32,497,737.00	
Economic plantation	2,381,988.00	
Fuel and fodder plantation	6,765,274.00	
Bamboo/Cane plantation	376,167.00	
Fireline construction and maintenance	8,986.00	
Fire Protection	16,490.00	
Establishment of decentralised nursery	2,034.00	
NTFP plantation	3,150,620.00	45,562,852.00
<b>VAT paid</b>		
EPAs	28,520.00	
ANR	9,291.00	
Empowerment of Vss	74.00	
Plantation Establishment(Mangroove)	41,462.00	
Artificial Regeneration	22,586.16	
Demarcation of JFM Area	857.00	
Tree Improvement Studies	537.00	
Training of DMU Staff	327.00	
Training for FMU Staff	1,601.00	
Seed Money for Raising planting stock for Selling	2,338.00	
Maintenance of Forest Boundary	18,830.00	
Destination Development	4,083.00	
Annual Review Seminar	2,343.00	
NTFP plantation	8,578.00	
Wireless telecommunication	1,000.00	
Improvement of VSS facility and equipments	55,206.00	
Plantation Establishment(Non-Mangrove )	300.00	
Construction and Improvement of Permanent Nursery	88,227.00	
Casualty Replacement nursery (Mangroove)	359.00	
Casualty Replacement nursery (Non-Mangroove)	69.00	
Medical / Health care camp for infectious disease	563.00	
Field Level Publicity Unit	1,189.34	
New Construction (Link Road)	6,064.00	
Construction of new roads with related structures	10,889.00	
Improvement of existing forest roads	34,872.00	
Preparation of Microplan	1,123.00	
Survey Equipment & Instrument	3,100.00	
Preparatory work for microplan formulation	7,167.06	
Training coaching and information dissemination	1,059.00	
VSS Audit	17,801.00	
Office expenses	35,069.00	
MV- POL	32,730.00	
Salary of DEO's	407,063.00	845,257.56
Bank Charges		7,566.00
<b>PMU EXPENSES</b>		
TO ADMINISTRATIVE EXPENSES	2,368,505.00	
TO BANK CHARGES	138,196.24	
TO VAT	26,898.00	



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# Orissa Forestry Sector Development Project

Annual Activity Report 2009-10



## [ Statement of Accounts ]

TO PUBLIC AWARENESS	281,200.00
TO TRAINING FOR PMU STAFF	20,000.00
TO TRAINING FOR DMU STAFF	910,389.00
TO CONSULTANCY CHARGES	30,797,583.00
TO MARKET RESEARCH	402,500.00
TO ANNUAL REVIEW SEMINAR	475,908.00
TO SALARY	10,484,609.00
TO SERVICE TAX	9,104,341.00
TO PREPARATORY WORK FOR MICRO PLAN	13,339,630.00
TO PREPARATION OF MICRO PLAN	8,900.00
TO AUDITING OF PMU	679,991.00
TO AUDITING OF VSS	528,285.00
TO DEMARCATION OF JFM AREA	29,933,291.00
TO WEBSITE DEVELOPMENT	19,000.00
TO TRAINING OF SHG	333,165.00
TO SVICULTURIST EXPENSES	285,600.00
TO TRAINING OF FMU STAFF	407,131.00
TO EXPOSURE TRIPS	98,468.00
TO CONSULTANCY FOREIGN	25,027,008.00
TO CONSTRUCTION/IMP OF PERMANENT NURSERY	2,600.00
TO DESTINATION DEVELOPMENT EXPENSES	8,000.00
TO LINK ROAD	9,000.00
TO TREE IMPROVEMENT STUDIES FOREST RESEARCH	12,900.00
TO AMOUNT EQUIVALENT TO DEPRECIATION	7,108,613.04

1,213,709,074.28

1,213,709,074.28

As per books of accounts / records produced to us, the above statement are compiled by us.

for PATRO & CO.,  
Chartered Accountants

(Rajendra Patro)  
Partner  
M.No. 019423



Place : Bhubaneswar,  
Date : 30/08/2010

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## [ Statement of Accounts ]

**ORISSA FORESTRY SECTOR DEVELOPMENT SOCIETY**  
**SFTRI CAMPUS,GHATIKIA,BHUBANESWAR**  
**CONSOLIDATED RECEIPT & PAYMENT ACCOUNT FOR THE PERIOD FROM 1ST APRIL '09 TO 31ST MARCH'10**

RECEIPT	AMOUNT (Rs.)	PAYMENT	AMOUNT (Rs.)
<b>TO OPENING BALANCE</b>		<b>By Administration Expenses</b>	
Bank Balance		Office Expenses	1,782,909.00
PMU	457,204,628.36	Salary of DEO	7,885,601.00
DMU	148,978,963.82	Travelling Expenses	1,117,614.00
<b>Cash Balance</b>		MV & POL	1,963,103.00
PMU	6,804.00		12,749,227.00
DMU	8,873.00	<b>By Expenses</b>	
Fixed Deposit(Parfakhemundi)	16,001,000.00	Assisted Natural Regeneration	10,264,779.00
		Artificial Regeneration	5,757,987.00
		Improvement of vss facilities & equipment	1,181,883.00
Grant received	962,282,000.00	Technical Support	19,031,799.00
<b>Realisation of FD</b>		VSS audit fees	451,484.00
Deogarh(Dmu)	59,026,049.00	Economic plantation	1,754,499.00
Angul(Dmu)	38,858,959.00	Fuel & Fodder Plantation	4,741,238.00
PMU	1,109,900,000.00	Bamboo/Cane Plantation	458,650.00
		NTFP Plantation	1,806,082.00
		Preparation of microplan	405,041.00
Interest on FD	14,494,311.00	Training of SHG	282,982.00
Bank Interest	6,178,050.30	Publicity expenses	7,500.00
Misc Income	108,397.00	Training for DMU staff	1,097,721.00
Training for DMU Staff(Refunded by city Division)	48,215.00	Plan & Design(Forest Road)	61,750.00
Refund of bank charges	507.00	Plan & Design(Link Road)	9,000.00
Security Deposit	5,000.00	Soil Moisture Conservation	-
Refund of cheques from VSS(Parfakhemundi)	2,788,104.00	Training for FMU staff	405,456.00
Refund of cheques from FMU(Rourkella)		DMU/FMU office equipment & furniture	5,900.00
Refund of cheques from VSS(Koraput)	519,915.00	Preparatory work for microplan formulation	10,060,576.00
Amount refunded from Ex.RO,B.k.Sahu(Rayagada DMU)	147,052.00	EPAs	5,631,460.00
Sale of Sheedling	66,088.00	IGAs	200,000.00
Refund of cheques from VSS(Balasore)	20,000.00	Training,coaching & information dissemination	147,209.00
Sale of teak stump	1,065,739.00	Field Level Publicity Unit	163,949.00
		Plantation Establishment(Mangroove)	93,500.00
		Casualty Replacement Nursery(Mangroove)	6,500.00
		Consolidation & Demarcation of Forest Boundaries	70,000.00
		Construction & Improvement of permanent nursery	234,300.00
		Organization Support	9,750.00
		Facility & Equipment Improvement	80,600.00
		Capacity Development	37,500.00
		VSS Management Guideline Development	1,000.00
		Farm Forestry Development	(5,000.00)
		Exposure Trips	11,231.00
		VSS expenses	44,184.00
		Fuel wood saving devices	176,040.00
		AMC	
		Seed Money for Raising Planting	160,653.00
		Wireless Telecommunication	8,500.00
		Website Development	26,721.00
		Eco Tourism Development	24,000.00
		Construction/Improvement of Permanent Nursery	2,600.00
		Destination Development	90,446.00
		TDS Deposited	13,139,006.00
		Professional Tax Deposited	16,400.00
		GPFA/ISPF/AGIS Deposited	1,639,598.00
		HRA Deposited	14,292.00
		House Building Advance(Spl.HBA) Deposited	61,200.00

## [ Statement of Accounts ]

Remuneration to contractual staff	1,120,589.00		
Salary & Allowances	4,355,870.00		
Remuneration to service provider	2,300,890.00		
Remuneration to security	318,058.00		
Tax paid under protest	871,993.00		
Auditing of Pmu/Vss accounts	1,927,303.00		
Consultancy Services	29,700,624.00		
Administrative expenses(Pmu)	2,110,250.00		
Training for PMU staff	20,000.00		
Annual Review Seminar	530,224.00		
Demarcation of JFM area	28,977,576.00		
Market Research	373,430.00		
Security Deposit	5,200.00		
Siviculturalist Expenses	285,600.00		
Tree improvement Studies Forest Research	12,634.00		
Public Awareness	325,965.00		
Publicity Van	264,570.00		
Purchase of computer	116,285.00		
Purchase of Survey Equipment & Instrument	13,000.00		
PMU office equipment & furniture	964,691.00		
Service Tax	4,776,217.00		
VAT Paid	15,583.00		
Bank charges	145,792.24	159,402,310.24	
<b>By VSS Expenses</b>			
Soil Moisture Conservation	41,048,938.00		
Assisted Natural Regeneration	278,274,087.00		
Economic plantation	50,242,042.00		
Fuel & Fodder Plantation	78,759,965.00		
Bamboo/Cane Plantation	5,554,112.00		
NTFP Plantation	73,464,430.00		
Artificial Regeneration	3,939,319.00		
Seed Money for Raising Planting	672,000.00		
Preparatory work for microplan formulation	35,000.00		
Establishment of Decentralized Nursery	192,800.00		
Improvement of vss facilities & equipment	105,442,776.00		
VSS Management Guideline Development	354,000.00		
Preparation of Micro Plan	1,357,400.00		
Fire protection	50,930.00		
Plantation Establishment(Mangroove)	778,950.00		
Organization support	14,592,350.00		
Auditing of VSS	643,800.00		
IGA(Revolving fund for VSS)	62,975,461.00		
Training,coaching & information dissemination	1,475,000.00		
EPA	113,063,033.00	832,936,393.00	
<b>By EDC Expenses</b>			
EPA	3,218,424.00		
Improvement of vss facilities & equipment	1,692,000.00		
IGA(Revolving funds for VSS)	1,500,000.00		
Land Preparation	21,889,645.00		
Plantation Establishment(Mangroove)	5,264,770.00		
Eco Tourism Development	191,000.00		
Anti Depradation Squard	210,000.00		
Fencing Mangroove	7,000.00		
Preparation of Microplan	30,000.00		
Community Organization	32,500.00		





[ Statement of Accounts ]

Formation of Anti-degradation squads	308,000.00	
Training, coaching & information dissemination	100,000.00	
VSS Management Guideline Development	10,000.00	
Organization Support	51,000.00	
Solar Fencing	3,300,640.00	37,804,979.00
<b>By Amount paid to Mind Mart</b>		
By Advance to Mapping Firm		14,810.00
By Advance to NABARD		5,441,678.00
By Advance to Staff		1,173,276.00
By Travel Advance		149,485.00
By Vehicle Advance		17,600.00
By Training Advance		768,603.00
By Advance Given to DMU		15,000.00
By Advance Given to PMU		539,273.00
By Fixed Deposit(DMU,Deogarh)		175,271,340.30
By Fixed Deposit(DMU,Bhadrak)		1,390,755,000.00
By Fixed Deposit(DMU,Angul)		49,026,049.00
By Fixed Deposit(DMU,Parlakhemundi)		7,900,000.00
By Fixed Deposit(DMU,Parlakhemundi)		39,017,353.00
By Fixed Deposit(DMU,Parlakhemundi)		12,001,000.00
<b>BY CLOSING BALANCE</b>		
<b>Bank Balance</b>		
PMU	13,050,157.12	
DMU	79,635,778.82	92,685,935.94
<b>Cash Balance</b>		
PMU	10,479.00	
DMU	28,861.00	39,340.00

Total : 2,817,708,655.48 2,817,708,655.48

As per books of accounts / records produced to us, the above statement are compiled by us.

for PATRO & CO.,  
Chartered Accountants



(Rajendra Patro)  
Partner  
M.No. 019423

Place : Bhubaneswar,  
Date : 30/08/2010



## Executive Incumbents during the Year

### Project Management Unit

Name	Designation	Period	
		From	To
Mr. A.K. Bansal, IFS	Project Director	01.04.2009	31.03.2010
Dr. J.P. Singh, IFS	Joint Project Director	01.04.2009	06.07.2009
Mr. D. Biswal, IFS	Joint Project Director	01.04.2009	31.03.2010
Mr. Ajit Bharthuar, IFS	Joint Project Director	07.05.2009	13.11.2009
Mr. Rajiv Kumar, IFS	Joint Project Director	18.12.2009	31.03.2010
Mr. R.N. Sahoo, IFS	Deputy Project Director	01.04.2009	09.08.2009
	Joint Project Director	10.08.2009	31.03.2010
Mr. A.C. Dinakar, IFS	Deputy Project Director	01.04.2009	21.08.2009
Mr. M.R. Bhatta, IFS	Deputy Project Director	01.04.2009	31.03.2010
Mr. Basudev Behera, IFS	Deputy Project Director	01.04.2009	31.03.2010
Mr. Devasis Biswal	Deputy Project Director (P&A)	01.04.2009	31.03.2010
Mr. Amiya Ranjan Parida	Deputy Project Director (LLI)	01.04.2009	31.03.2010
Mr. Sajeiv Biswasi	Deputy Project Director (Trg.)	01.04.2009	21.11.2009

### Conservator of Forests

Circle	Officer	Period	
		From	To
Angul	Mr. S.K. Popli, IFS	01.04.2009	06.11.2009
	Mr. Pandav Behera, IFS	06.11.2009	31.03.2010
Baripada	Mr. R.N. Reddy, IFS	01.04.2009	09.11.2009
	Mr. Ajit Bharthuar, IFS	16.11.2009	31.03.2010
Berhampur	Mr. H.S. Upadhyaya, IFS	01.04.2009	07.07.2009
	Dr. J.P. Singh, IFS	07.07.2009	31.03.2010
Koraput	Mr. S.P. Mohapatra, IFS	01.04.2009	01.06.2009
	Mr. V. Raja Reddy, IFS	01.06.2009	31.03.2010
Rourkela	Mr. Ajay Raizada, IFS	01.04.2009	31.03.2010



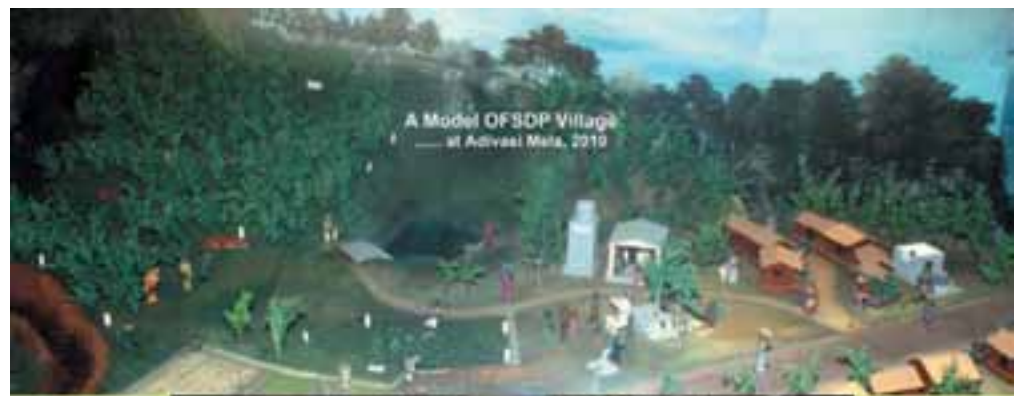


[ Executive Incumbents during the year ]

### Heads of Divisional Management Units

	DMU Chief	Name	Period	
			From	To
1.	Angul	Mr. Sudhansu Sekhar Mishra, OFS(I)	01.04.2009	31.03.2010
2.	Bonai	Mr. Pravakar Sethy	01.04.2009	31.03.2010
3.	Keonjhar	Dr. Pradeep Raj Karat, IFS	01.04.2009	12.08.2009
		Mr. Bijay Kumar Parida	12.08.2009	16.11.2009
		Mr. S.C. Mohanty	16.11.2009	31.03.2010
4.	Deogarh	Mr. Bhimsen Maharana	01.04.2009	07.12.2009
		Mr. R.K. Mishra	07.12.2009	31.03.2010
5.	Rourkela	Dr. K. Murugesan, IFS	01.04.2009	31.03.2010
6.	Baliguda	Mr. Ramesh Chandra Sethi, IFS	01.04.2009	31.03.2010
7.	Phulbani	Mr. M. Yogajayananda, IFS	01.04.2009	31.03.2010
8.	Paralakhemundi	Mr. Jita Satru Mohanty, IFS	01.04.2009	31.03.2010
9.	Jeypore	Mr. Rashmi Ranjan Nayak	01.04.2009	31.03.2010
10.	Koraput	Mr. Atish Kumar Behera, IFS	01.04.2009	31.03.2010
11.	Rayagada	Mr. B.K. Acharya	01.04.2009	31.03.2010
12.	Bhadrak WL	Mr. Sudarsan Patra	01.04.2009	31.03.2010
13.	Balasore WL	Mr. Amitav Brahma, OFS(I)	01.04.2009	31.03.2010
14.	Satkosia WL	Mr. R. Raghu Prasad, IFS	01.04.2009	31.03.2010





OFSDP SHGs at Adivasi Mats, 2010