



Ecosystem Services Improvement Project

a strategy for climate change mitigation

enhancement of forest cover

improvement of ecosystem services

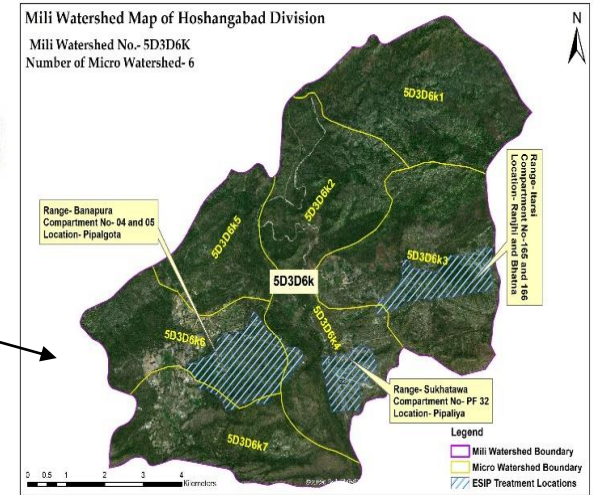
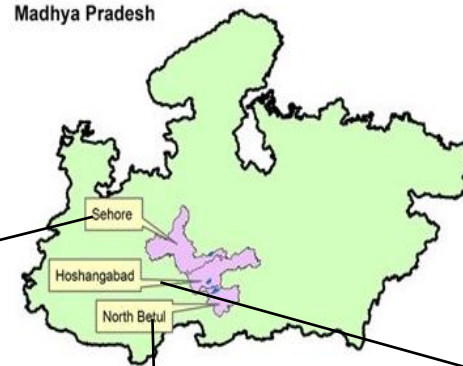
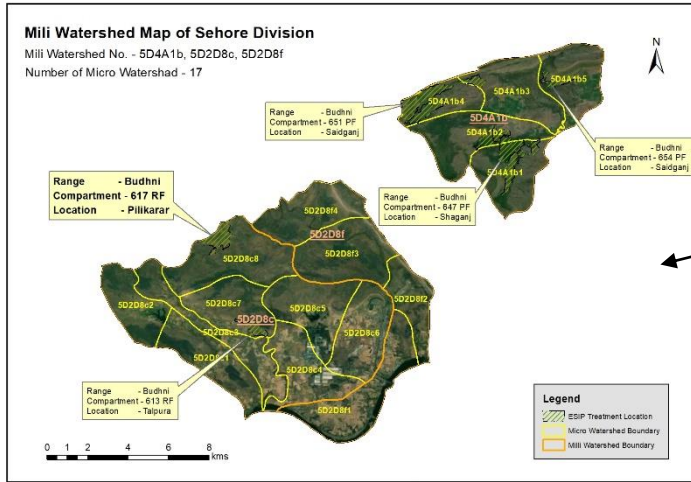
livelihood opportunities for forest dependent communities

ESIP Eighth Implementation Support Mission

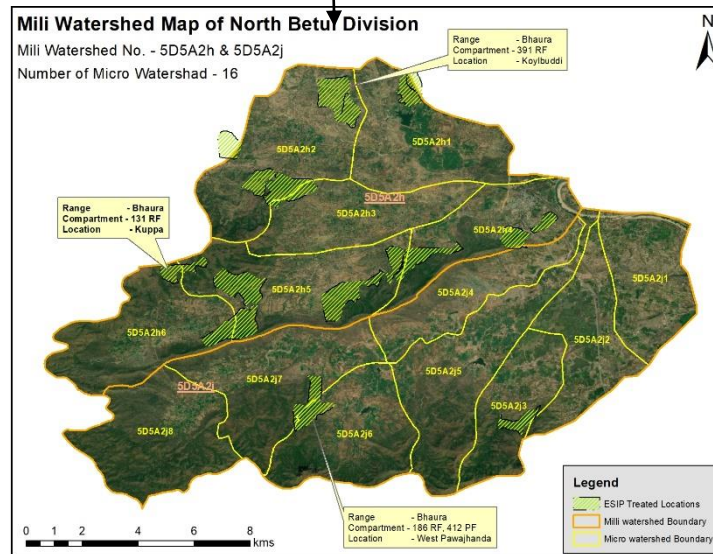
7-9th March, 2022

SPIU- Madhya Pradesh

LOCATION MAP OF SELECTED LANDSCAPE UNDER ESIP



Hoshangabad
 Kesla: 5D3D6k



North Betul
 Bhaunra: 5D5A2h
 Shahpur: 5D5A2j

Sehore
 Budhni: 5D4A1b, 5D2D8c & 5D2D8f



ESIP LANDSCAPES

Division	villages	Male	Female	Total	HH	Sex ratio	SC	ST	SC%	ST%	Literacy %
Hoshangabad	20	5616	5233	10849	2135	332	586	7630	5.4	70.33	47.92
Sehore	17	8186	7087	15273	3087	865	2045	6492	13.39	42.51	55.58
Betul	9	3640	3544	7184	10728	758	627	5381	5.84	50.16	50.12
Total of Project	46	17442	15864	33306	15950	652	3258	19503	9.78	58.56	51.2

S. No	L1 Level landscapes	L2 level Landscapes		L3 Level landscapes	Forest Area (ha)				Non-Forest Area (ha.)	Total Area (ha)
		Division	Milli-watershed	Micro-Watershed	Dense Forest	Open Forest	Blank	Total Forest		
1	Satpura- Narmada	Hoshangabad	5D3D6k	7(5D3D6k1-7)	5947.25	128.93	491.61	6567.79	63.85	6631.64
2		North Betul	5D5A2h	6(5D5A2h1-6)	3622.99	1063.96	754.28	5441.23	4139.34	9580.57
			5D5A2j	8(5D5A2j3-8)	4073.53	696.50	835.67	5605.71	5735.50	11341.22
	Satpura- Narmada L1 landscape Total				13643.768	1889.39	2081.56	17614.73	9938.69	27553.43
3	Vindhya Plateau	Sehore	5D4A1b	5(5D4A1b1-5)	1187.83	1443.48	98.19	2729.5	1676.75	4406.25
			5D2D8c	8(5D2D8c1-8)	1757.58	1337.76	204.62	299.96	4308.48	7608.44
			5D2D8f	4(5D2D8f1-4)	543.11	1467.9	92.68	2103.69	1819.23	3922.92
	Vindhya Plateau L1 landscape Total				3488.52	4249.14	395.49	5133.15	7804.46	15937.61
Total	2	3	6	38	17132.288	6138.53	2477.05	22747.88	17743.15	43491.04



Transforming Forest Landscapes to Fight Climate Change

Identification	Planning	Intervention	Outcome
<ul style="list-style-type: none"> • Scientific criteria • Baseline Status • Future Projection • Factors of Vulnerability • Stakeholder Identification 	<ul style="list-style-type: none"> • Participatory Planning • Identifying key factors of vulnerability • Problems Prioritization • Stakeholder engagement • Activity Planning • Result Framework • Benchmarking 	<ul style="list-style-type: none"> • Community Mobilization • Capacity Building • Upgrading Infrastructure • Restoring Landscape • Transparent Monitoring System in place 	<ul style="list-style-type: none"> • Improved- • <i>Natural Regeneration</i> • <i>Growing Stock</i> • <i>Forest Cover</i> • <i>Carbon Stock</i> • <i>Utilization of NTFPs</i> • Increase in • <i>Surface water</i> • <i>Ground water</i> • Livelihood Opportunities • Increased Acreage in Agriculture

Transforming Forest Landscapes to Fight Climate Change



Indicators	Baseline (2017)	Current (2022)	Remark
Forest Landscape restored (Ha)	0	3024	In addition, 600 ha advance work is ongoing.
Status of Natural Regeneration (per ha) Regeneration Recorded in 260 Grids of Plantation Year 2019	852.04	1644.63	93.02% increase
Forest nurseries with state of art technology (Capacity of number of plants in lakhs per year)		47.5	5 Nurseries upgraded and 7 nurseries upgradation work is 90% complete
Carbon Stock assessed (t/ha) (As per report submitted by ICFRE)	60.31		Average for ESIP landscapes
Total carbon (ton)	1,172,639.19		from 20016.38 hac Forest Area of ESIP landscape
CO2 eq.	4,299,677.03		
Growing Stock (Volume cu.m)	317.69	347.13	Data for 111 grids was analyzed out of the total 260 grids laid in year 2019 in three ESIP divisions (9.27% increase)
Forest Based / diversified livelihood opportunities (Nos)	0	4391	
Acerage under rabi crop	1522.1	2643.6	173.64 % increase

ESIP Landscape indicators



3,024 of 22,747 ha of forest in the landscape (43,491 ha) restored



852.04 to 1644.63 per ha
(93.02% increase)
Natural Regeneration



9,45,463
Plants planted



317.69 to 347.13 cmt/ha
(9.27% increase in Growing Stock recorded in 111 grids



12 (7 ongoing)
Upgradation of Forest Nurseries



60.31 t/ha.
Baseline for Carbon Stock as estimated by ICFRE



STARMAP
GIS Based Monitoring Platform

ESIP in Numbers



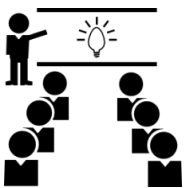
93

**Awareness Workshops
Conducted**



4391

Livelihood Ensured to HHs



56

**Capacity Building
Trainings Organized**



03

**Sustainable Harvesting
Protocols Developed for 25
NTFP species**



27

**Exposure Visits
Conducted**



39

**FD Staff trainings organized in
use of GIS System**



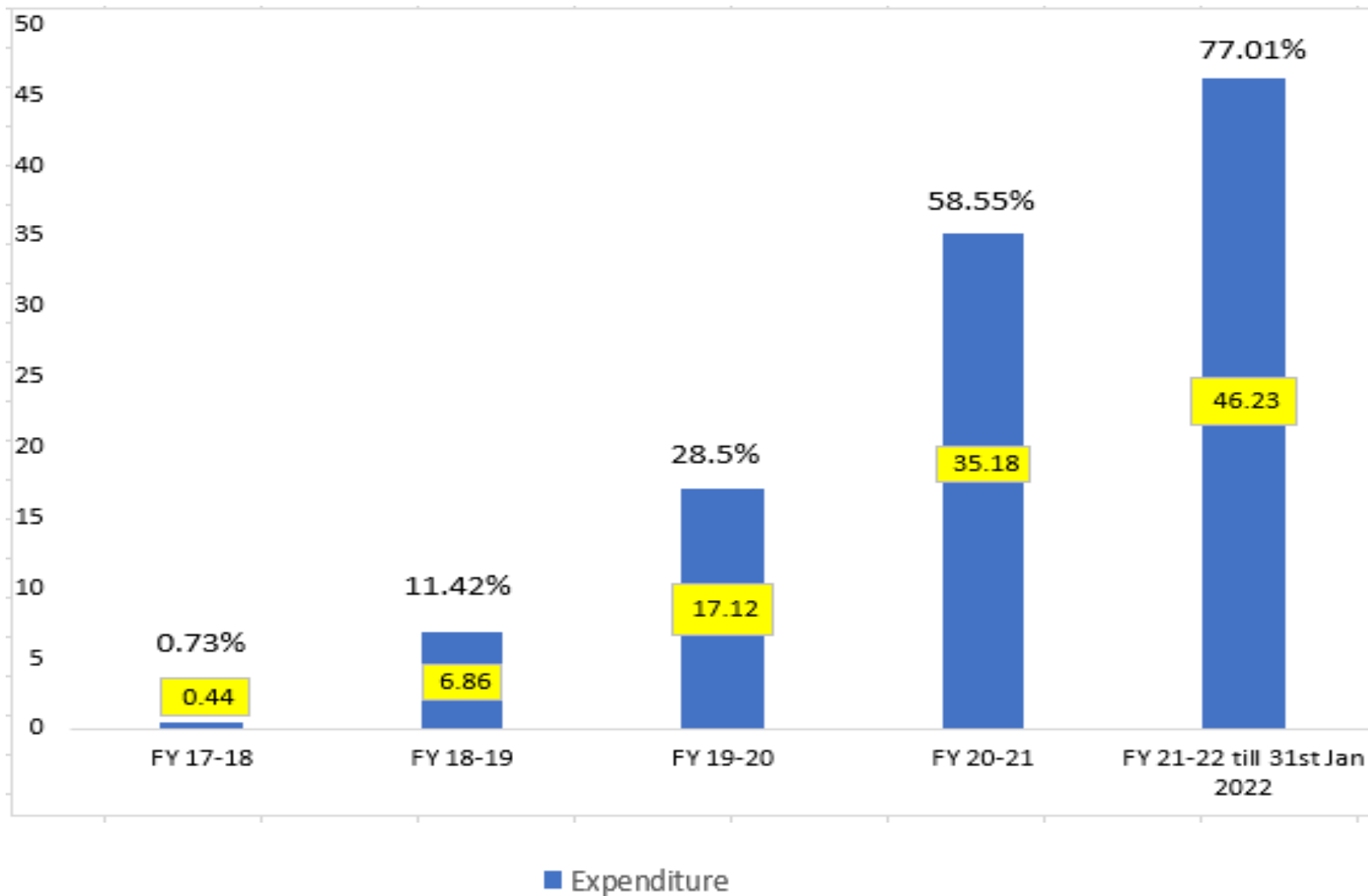
Statement of Expenditure and reimbursement Details

Component	Project Component	Cost in US\$ mn	Cost Rs 67 per USD (INR crore)	Expenditure till 31 st March 2021	Expenditure 1 st April-31 st Jan 2022	Cumulative Expenditure till 31 st Jan 2022
1	Strengthening Capacity of Government Institutions in Forestry and Land Management Programs	1.08	7.24	2.63	0.80	3.43
2	Investments for Improving Forest Quality in Selected Landscapes-	7.11	47.63	29.94	9.45	39.39
3	Scaling up SLEM in selected landscapes	0.06	0.40	0.38	00	0.39
4	Project Management and Coordination	0.71	4.76	2.23	0.79	3.02
	Total Outlay	8.96	60.03	35.18	11.04	46.23

Claims Reimbursed till 31st December 2021 :- USD \$ 6.19 mn



Expenditure Under ESIP (INR in Cr.)





Procurement Activities

S.No.	Activity	Method	Amount	Status
1.	Procurement of high resolution satellite imagery.	Direct Procurement	21 Lac	In Process
2.	Hiring consulting agency for processing of high resolution satellite imagery.	CQS	12 lac	In Process



APO FY 2022-23 and FY 2023-24 (upto July 2023)

Component	Project Cost (in mn \$)	Project Cost (In INR Cr.) conversion rate Rs 67 per USD	Total exp including Projection (Feb, Mar) 2022	Balance amount to be utilized after March 2022	Proposed Expenditure April 2022 to July 2023		
					Proposed Expenditure From April 2022 to March 2023	Proposed Expenditure April 2023 to July 2023	Total Proposed Expenditure March 2022 to July 2023
1	1.08	7.24	3.81	3.43	1.65	0.34	1.99
2	7.11	47.63	42.39	5.24	5.44	1.26	6.70
3	0.06	0.4	0.39	0.01	0	0	0
4	7.11	4.76	2.99	1.77	1.34	0.43	1.77
Total	8.96	60.03	49.58	10.45	8.43	2.03	10.46

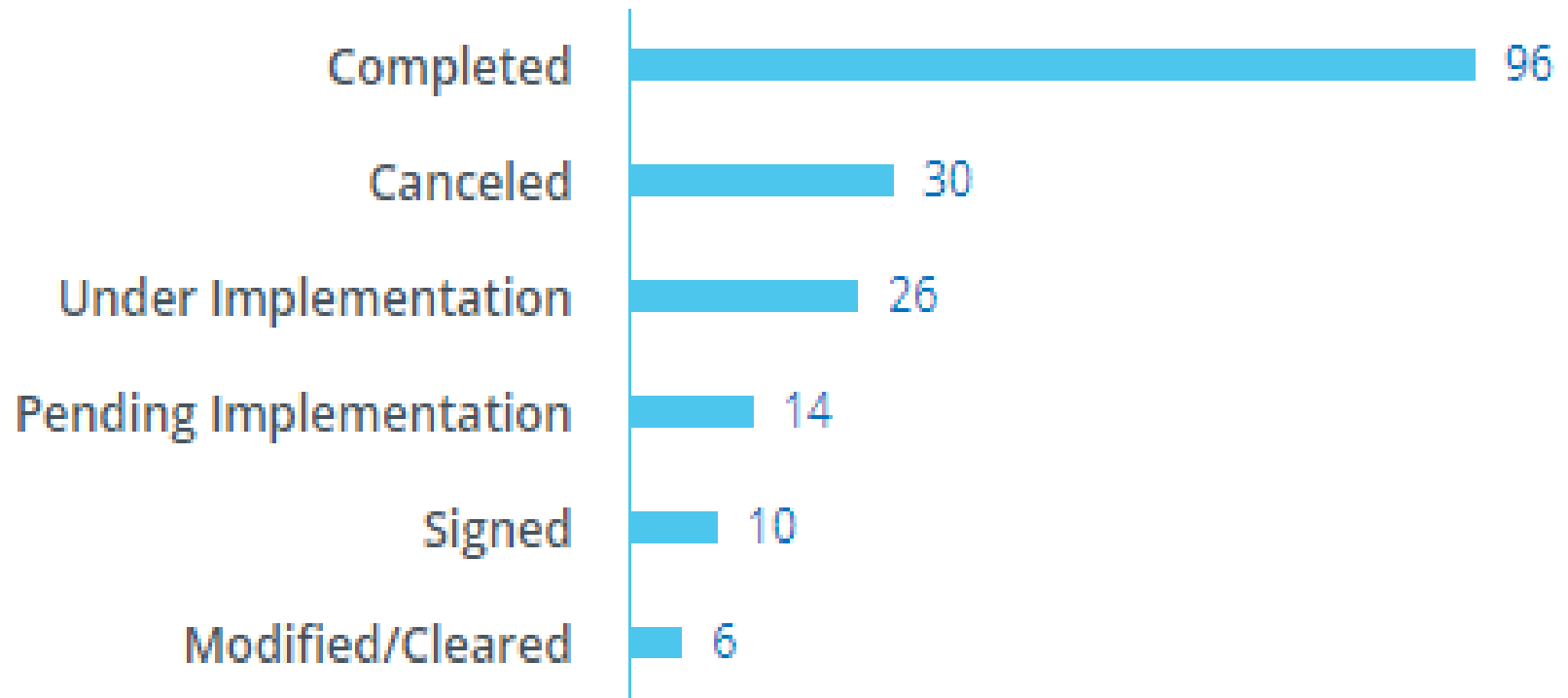


Proposed Activities

Sl. No.	Items	Target Physical		
		FY 2022-23	FY 2023-24 up to July	Total
Component – 1 Strengthening Capacity of Government Institutions in Forestry and Land Management Programs				
1	Workshop (nos.)	17	03	20
2	Documentation and Publicity Material	03	03	06
3	Skill Development Activities (Trainings) nos.	06	0	06
Component-2.1.3: Investments and restoring carbon stocks in forestlands				
1	Planting work (Ha)	600	0	600
2	Protection and Maintenance (Ha)	3624	3624	3624
Component-2.2 : Developing community-based models for sustainable utilization of NTFP				
i	Mahua Collection and Value Addition (Bakery Units) nos.	02	00	02
ii	Mushroom Cultivation nos.	30	0	30
iii	Mahua Net Distribution nos.	500	0	500



Activity Status on STEP



Pending Implementation

Under Implementation



Progress of IEC consulting agencies

Sl. No.	Project Title	Agency Name	Status
1.	Developing IEC strategy and implementation of IEC Plan for ESIP	Concept Orange, Bhopal	<ul style="list-style-type: none">• Inception Report Submitted.• Banner prepared for ESMF orientation trainings.• IEC communication material like Panels, Flyers, Posters on success stories under ESIP project.



Progress of consulting agencies for NTFP Project

Sl. No.	Project Title	Agency Name	Status
2.	Sustainable Harvesting Protocols, Value Addition & Value Chain development for Non Timber Forest Products in selected district of MP.	MP Vigyan Sabha, Bhopal	<ul style="list-style-type: none">• 3 range and 1 divisional level inception workshop completed.• Inception Report Submitted.• Training on Sustainable harvesting techniques for NTFPs completed at Sehore forest division.• Sustainable harvesting protocols submitted<ol style="list-style-type: none">1. For 15 species (Hindi)2. For 25 species (Hindi)3. English (25 species)• Sustainable harvesting Training manual submitted.



Monitoring & Evaluation : ESIP Result Framework

Indicators	PDO Level Results indicators	Cumulative Target Year 2021	Achievement till Feb,2022	Remarks
Indicator One	People in targeted forest and adjacent communities with increase monetary or non-monetary benefits from forests (disaggregated by: Female; ethnic minority/indigenous people)	1250	2354	
	Females		1381	Increase monetary benefits from forests
	Ethnic minority/ Indigenous people		973	Increase monetary benefits from forests
Indicator Four	Targeted beneficiary groups engaged in participatory planning under the project	200	359	Communities participatory planning
Indicator Five	Direct Project beneficiaries of which female (Nos)	5000	8806	
Intermediate results 1.3	Government institutions provided with capacity building support to improve management of forest resources.	8	19	North Betul -7 Sehore -7 Hoshangabad -5



Monitoring & Evaluation : ESIP Result Framework

Intermediate Result (Component 2): Investments for improving forest quality in selected landscapes

Intermediate Result Indicators	Unit of Measure	Baseline 2015	Target	Cumulative Achievement					Frequency	Description/ Definition
				2017	2018	2019	2020	Feb. 2022		
Intermediate Results 2.2: Landscape area restored through treatment of 10,000 ha through project support	Ha	0	5000	0	1079	2424	3024	3624	Annual	Details of plantation is uploaded on plantation monitoring system. Regeneration status of restored area is published on GIM landscape portal.

Regeneration Status Hoshangabad

Division:



Natural Regeneration Survey Results

Division - Hoshangabad (Per Hac. Plant Regenerat

2.1.3 Investments in restoration works on degraded forestlands

Circle/Division	Range	Compt / Village	Plantation ID	Year of Plantation	Area (Hac)	No. of Plants	Regeneration Plant Per Hac				
							Baseline (Y0)	1st Year (Y1)	2nd Year (Y2)	2nd Year (Y3)	
Hoshangabad / Hoshangabad	Banapura	4 RF	106350	2019	300	90000	855.77	1183.93	1980.36	2150.00	
	Itarsi	165 RF	106390		200	15293	1009.87	1802.63	1914.00	2236.84	
	Sukhatawa	32 PF	106395		100	25000	1025.00	1085.00	1285.00	1375.00	
	Total					600	130293				
	Banapura	437 RF	109062	2020	300	75000	646.67	1010.00	1438.33		
	Itarsi	160 RF	109028		150	21920	1087.00	1340.00	1339.74		
	Sukhatawa	32 PF	109061		150	21500	1650.64	1878.00	2050.00		
	Total					600	118420				
	Itarsi	167 RF	119996	2021	200	21500	1084.13	1689.90			
	Total					200	21500	1084.13	1689.90		
	Grand Total					1400	270213				

Regeneration Status on Plantation Monitoring System:



Hoshangabad Division Regeneration Status

S.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area hac	No of Grids	Natural regeneration status at baseline year Y0				Natural regeneration status in year 1 of treatment Y1				Natural regeneration status in year2 of treatment Y2				Natural regeneration status in year 3 of treatment Y3				
										Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	
1	Hoshangabad	Hoshangabad	Banapura	4 RF	106350	ESIP	2019	300	70	35	21	10	4	30	19	14	7	3	22	28	17	3	19	25	23	
2	Hoshangabad	Hoshangabad	Itarsi	165, 166 RF	106390	ESIP	2019	200	38	16	15	2	5	15	8	5	10	8	6	15	9	4	7	15	12	
3	Hoshangabad	Hoshangabad	Sukhatawa	32 PF	106395	ESIP	2019	100	25	14	5	3	3	8	13	2	2	9	9	3	4	9	9	3	4	
Total Regeneration 2019									600	133	65	41	15	12	53	40	21	19	20	37	48	30	18	35	43	39
Percent of area naturally regenerating									20.30				30.08				57.14				68.33					
4	Hoshangabad	Hoshangabad	Banapura	437 RF	109062	ESIP	2020	300	75	37	33	4	1	21	39	14	1	6	41	22	6					
5	Hoshangabad	Hoshangabad	Itarsi	160 RF	109028	ESIP	2020	150	39	7	27	5	0	5	18	16	0	5	18	16	0					
6	Hoshangabad	Hoshangabad	Sukhatawa	32 PF	109061	ESIP	2020	150	39	8	20	4	7	7	20	4	8	8	18	3	10					
Total Regeneration 2020									600	153	52	80	13	8	33	77	34	9	19	77	41	16				
Percent of area naturally regenerating									13.73				28.10				37.25									
5	Hoshangabad	Hoshangabad	Itarsi	167 RF	109028	ESIP	2021	200	52	21	18	9	4	3	31	10	8									
Total Regeneration 2021									200	52	21	18	9	4	3	31	10	8								
Percent of area naturally regenerating									25.00				34.62													

Natural Regeneration = Unestablished+Established/Total No of Grids*100

Percentage of Area Naturally Regenerating = Adequate + Profuse / Total No of Grids * 100

Legend:

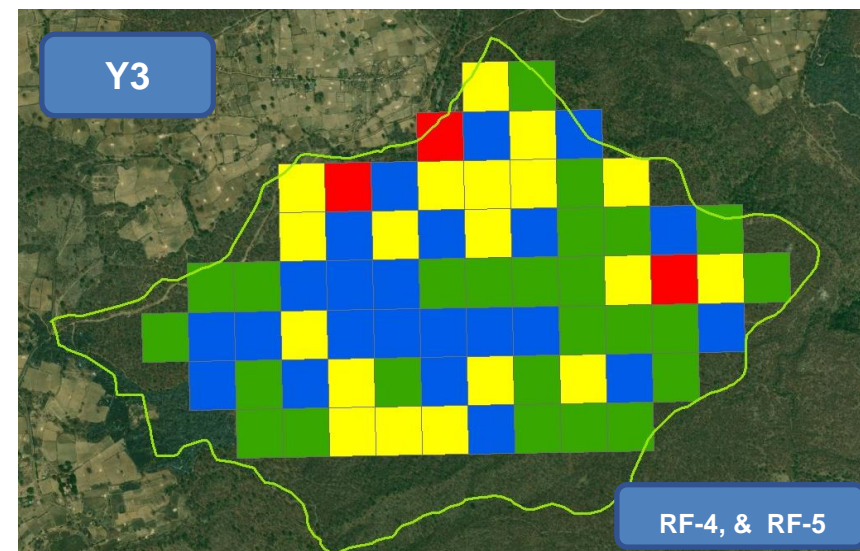
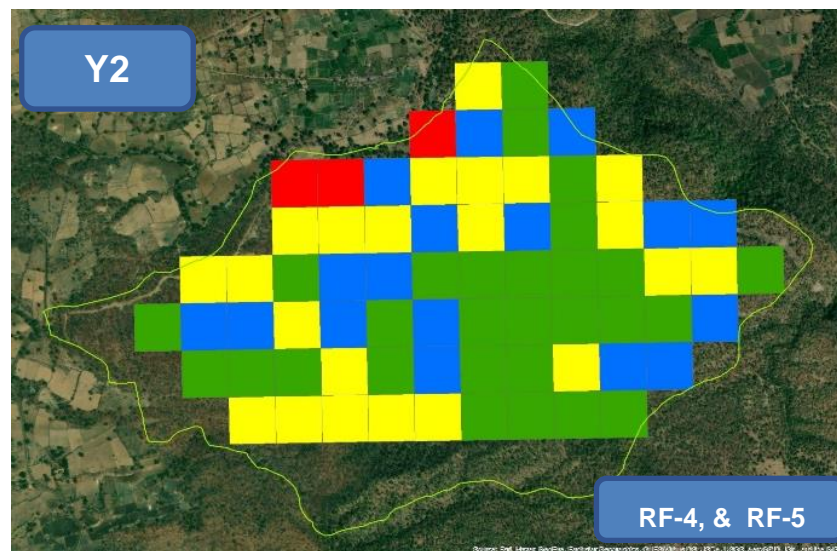
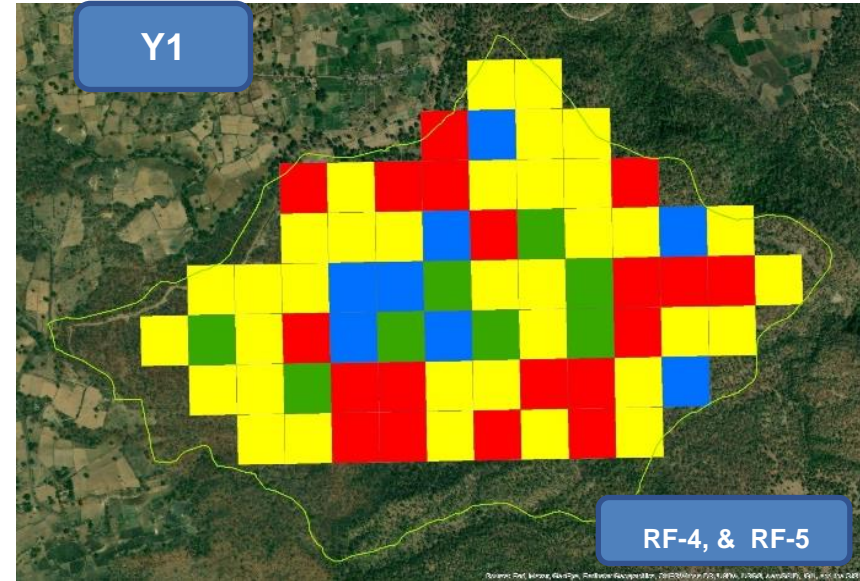
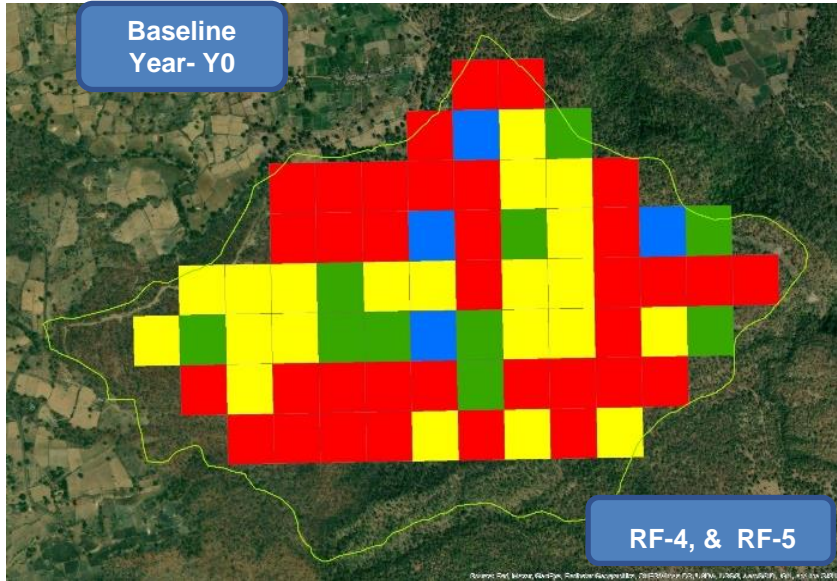
- Above 2501-Profuse
- 1501 to 2500-Adequate
- 501 to 1500-Inadequate
- Less then 500-Negligible

GIS Based Monitoring:



Division – Hoshangabad, Range – Banapura

Baseline Y0= 2018, Y1=Year 1, Y2=Year 2, Y3= Year 3



Regeneration Status North Betul

Division:



Natural Regeneration Survey Results

Division - North Betul (Per Hac. Plant Regenerated)

2.1.3 Investments in restoration works on degraded forestlands

Circle/Division	Range	Compt / Village	Plantation ID	Year of Plantation	Area (Hac)	No. of Plants	Regeneration Plant Per Hac				
							Baseline (Y0)	1st Year (Y1)	2nd Year (Y2)	3rd Year (Y3)	
Betul / North Betul	Bhoura	391 PF	105004	2019	75	75000	301.47	992.65	1088.24	1433.82	
		131 RF	105307		50	20000	287.50	612.50	650.00	850.00	
		389 PF	105308		25	25000	527.78	916.67	1013.89	1805.56	
		400 PF	105309		29	5800	93.75	531.25	937.50	1406.25	
	Total					179	125800				
	Bhoura	181 RF	108695	2020	130	10200	299	950.00	1522.32		
		128 RF	108696		125	9000	690.00	915.00	1885.00		
		166 & 167 RF	108697		135	17000	863.64	1678.03	2041.67		
		130 RF	108698		125	11500	221.00	595.00	995.19		
		159 RF	108699		50	40000	204.55	1295.45	1693.18		
		163 RF	108701		80	8500	775.00	1018.75	1762.50		
		391 PF	109055		50	50000	364.58	1385.42	1562.50		
	Total					695	146200				
	Bhoura	400 PF	119700	2021	56	20000	275.00	537.50			
		128 RF	119704		35	25000	500.00	1812.50			
		166 RF	119705		60	30000	897.73	1272.73			
	Total					151	75000				
	Shahpur	413 PF	119706	2021	50	15000	613.64	750.00			
	Total					50	15000				
	Grand Total					1075	362000				

Regeneration Status on Plantation Monitoring System:



North Betul Division Regeneration Status

S.No.	Circle	Division	Range	Comp No.	Plantation ID	Scheme	Plantation Year	Area Hac	No of Grids	Natural regeneration status at baseline year Y0				Natural regeneration status in year 1 of treatment Y1				Natural regeneration status in year 2 of treatment Y2				Natural regeneration status in year 3 of treatment Y3			
										Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse
1	Betul	North Betul	Bhaura	391 PF	105004	ESIP	2019	75	17	13	4	0	0	3	11	3	0	10	2	3	2	1	10	5	1
2	Betul	North Betul	Bhaura	131 RF	105307	ESIP		50	10	7	3	0	0	5	5	0	0	5	5	0	0	5	4	0	1
3	Betul	North Betul	Bhaura	389 PF	105308	ESIP		25	9	2	7	0	0	4	5	0	0	3	5	1	0	0	3	4	2
4	Betul	North Betul	Bhaura	400 PF	105309	ESIP		29	4	4	0	0	0	2	2	0	0	1	2	1	0	0	3	1	0
Total Regeneration 2019								179	40	26	14	0	0	14	23	3	0	19	14	5	2	6	20	10	4
Percent of area naturally regenerating								0				7.50				17.50				35.00					
5	Betul	North Betul	Bhaura	181 RF	108695	ESIP	2020	130	25	18	7	0	0	3	19	3	0	1	15	4	5				
6	Betul	North Betul	Bhaura	128 RF	108696	ESIP		125	25	12	9	3	1	12	9	3	1	2	7	10	6				
7	Betul	North Betul	Bhaura	166 RF	108697	ESIP		135	33	12	15	6	0	9	7	8	9	6	7	9	11				
8	Betul	North Betul	Bhaura	130 RF	108698	ESIP		125	25	21	4	0	0	15	10	0	0	7	16	1	2				
9	Betul	North Betul	Bhaura	159 RF	108699	ESIP		50	11	10	0	1	0	4	2	3	2	0	5	5	1				
10	Betul	North Betul	Bhaura	163 RF	108701	ESIP		80	20	8	11	1	0	7	8	3	2	4	6	4	6				
11	Betul	North Betul	Bhaura	391 PF	109055	ESIP	50	12	8	4	0	0	4	3	3	2	1	8	2	1					
Total Regeneration 2020								695	151	89	50	11	1	54	58	23	16	169.50	166.00	102.00	67.00				
Percent of area naturally regenerating								7.95				25.83				111.92									
5	Betul	North Betul	Bhaura	400 PF	119700	ESIP	2021	56	10	8	2	0	0	5	4	1	0								
6	Betul	North Betul	Bhaura	128 RF	119704	ESIP		35	4	3	0	1	0	0	3	0	1								
7	Betul	North Betul	Bhaura	166 RF	119705	ESIP		60	11	4	5	2	0	3	5	2	1								
8	Betul	North Betul	Shahpur	130 RF	119706	ESIP		50	11	6	5	0	0	4	6	1	0								
Total Regeneration 2021								201	36	21	12	3	0	12	18	4	2								
Percent of area naturally regenerating								8.33				16.67													

Natural Regeneration = Unestablished+Established/Total No of Grids*100

GIS Based Monitoring:



Division – N. Betul

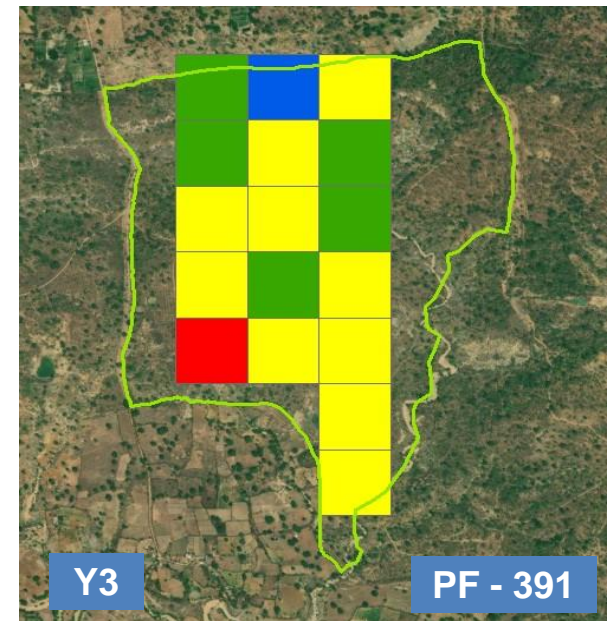
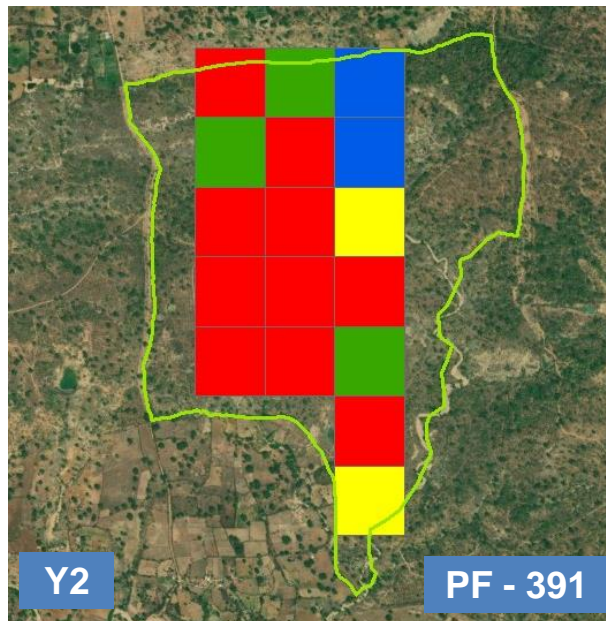
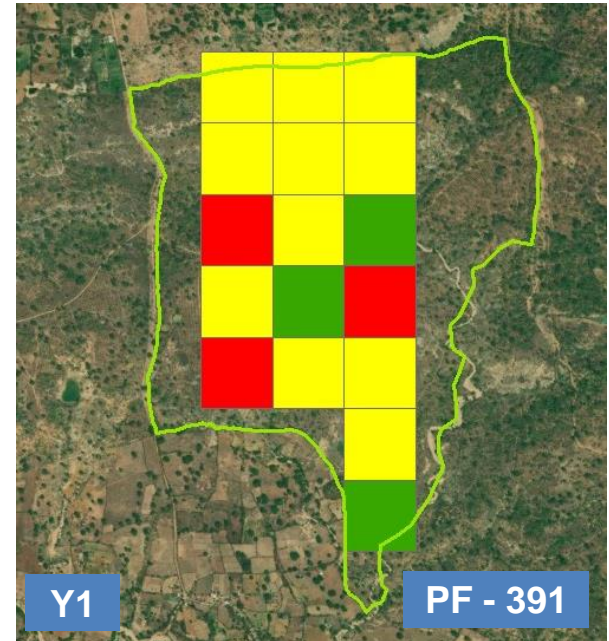
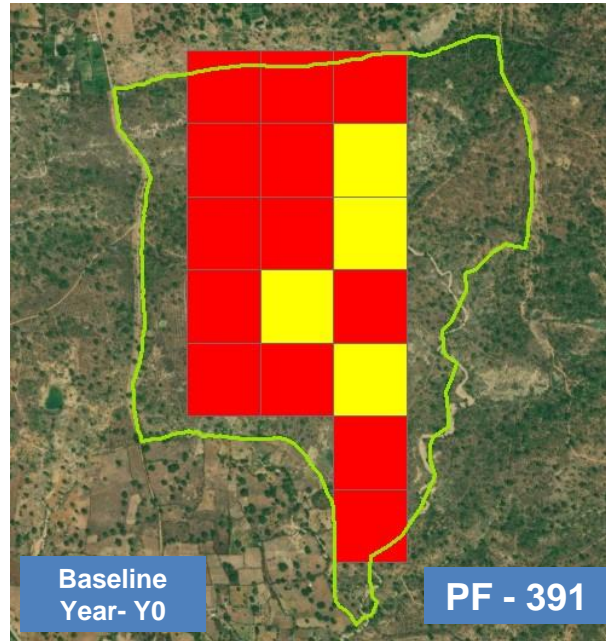
Range – Bhaura

Baseline Y0= 2018

Y1= Year 1

Y2= Year 2

Y3= Year 3





Regeneration Status Sehore Division:

Division - Sehore (Per Hac. Plant Regenerated)

2.1.3 Investments in restoration works on degraded forestlands

Circle/ Division	Range	Compt / Village	Plantation ID	Year of Plantation	Area (Hac)	No. of Plants	Regeneration Plant Per Hac				
							Baseline (Y0)	1st Year (Y1)	2nd Year (Y2)	3rd Year (Y3)	
Bhopal / Sehore	Budhni	651 PF	106744	2019	50	31250	250.00	514.71	617.65	867.65	
		652 PF	106745		30	18750	375.00	520.83	468.75	739.58	
		646 PF	106748		30	18750	2875.00	1500.00	1833.33	3229.17	
		651 PF	106749		30	18750	210.94	468.75	398.44	625.00	
		661 RF	106751		30	18750	1604.17	1354.17	750.00	1437.50	
		647 PF	106754		35	21875	479.17	1041.67	937.50	1916.67	
		648 PF	106757		25	15625	1437.50	1500.00	1812.50	2281.25	
		654 PF	106758		25	15625	750.00	975.00	700.00	1350.00	
		650 PF	106760		25	15625	214.29	446.43	535.71	1035.71	
		645 PF	106769		20	12500	2187.50	1625.00	3093.75	3218.75	
						300	187500				
	Budhni	647 PF	109430	2020	50	12000	1922.62	2279.76	2565.48		
						50	12000				
	Budhni	617 PF	120556	2021	150	93750	269.89	585.23			
		613 PF	120561		50	20000	2357.14	2776.79			
					200	113750					

Regeneration Status on Plantation Monitoring System:



Sehore Division Regeneration Status

S.No.	Circle	Division	Range	Compt No.	Plantation ID	Scheme	Plantation Year	Area Hac	No of Grids	Natural regeneration status at baseline year Y0				Natural regeneration status in year 1 of treatment Y1				Natural regeneration status in year 2 of treatment Y2				Natural regeneration status in year 3 of treatment Y3			
										Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse	Negligible	Inadequate	Adequate	Profuse
1	Bhopal	Sehore	Budhni	651 PF	106744	ESIP	2019	50	17	13	4	0	0	11	5	1	0	11	4	2	0	4	12	1	0
2	Bhopal	Sehore	Budhni	652 PF	106745	ESIP		30	12	9	3	0	0	7	4	1	0	7	5	0	0	6	4	2	0
3	Bhopal	Sehore	Budhni	646 PF	106748	ESIP		30	6	1	3	0	2	0	4	2	0	2	2	0	2	0	0	2	4
4	Bhopal	Sehore	Budhni	651 PF	106749	ESIP		30	16	13	3	0	0	11	4	1	0	13	1	2	0	9	4	3	0
5	Bhopal	Sehore	Budhni	661 RF	106751	ESIP		30	6	2	2	0	2	2	3	0	1	4	1	0	1	2	3	0	1
6	Bhopal	Sehore	Budhni	647 PF	106754	ESIP		35	6	3	3	0	0	3	2	0	1	2	4	0	0	0	2	3	1
7	Bhopal	Sehore	Budhni	648 PF	106757	ESIP		25	8	2	2	3	1	3	1	3	1	0	2	5	1	0	0	6	2
8	Bhopal	Sehore	Budhni	654 PF	106758	ESIP		25	5	2	2	1	0	1	2	2	0	2	2	1	0	1	2	1	1
9	Bhopal	Sehore	Budhni	650 PF	106760	ESIP		25	7	7	0	0	0	4	3	0	0	4	3	0	0	1	7	0	0
10	Bhopal	Sehore	Budhni	645 PF	106769	ESIP		20	4	0	1	2	1	0	1	3	0	0	0	1	3	0	0	1	3
Total Regeneration 2019								300	87	52	23	6	6	42	29	13	3	45	24	11	7	23	34	19	12
Percent of area naturally regenerating								13.79				18.39				20.69				35.63					
11	Bhopal	Sehore	Budhni	647 PF	109430	ESIP	2020	50	21	2	10	4	5	1	11	2	7	0	4	10	7				
Total Regeneration 2020								50	21	2	10	4	5	1	11	2	7	0	4	10	7				
Percent of area naturally regenerating								42.86				42.86				80.95									
12	Bhopal	Sehore	Budhni	617 PF	120556	ESIP		150	44	39	3	0	2	29	10	3	2								
13	Bhopal	Sehore	Budhni	613 PF	120561	ESIP		50	14	3	3	4	4	2	4	2	6								
Total Regeneration 2019								200	58	42	6	4	6	31	14	5	8								
Percent of area naturally regenerating								17.24				22.41													

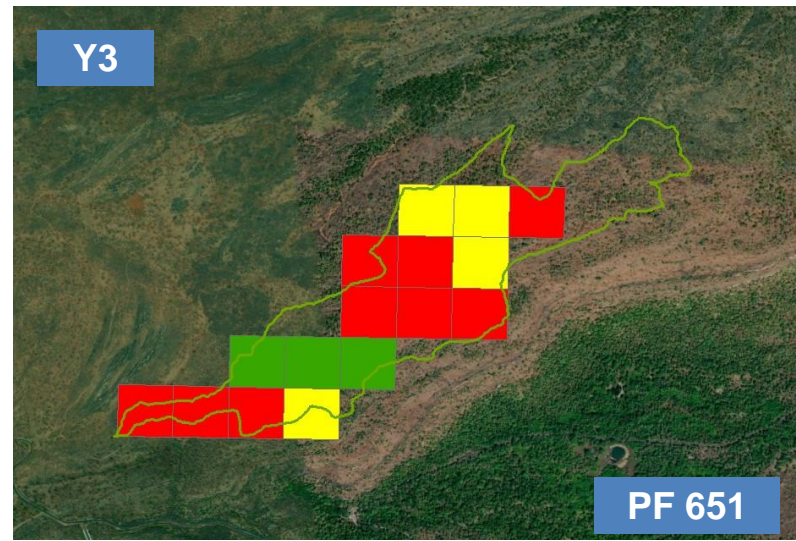
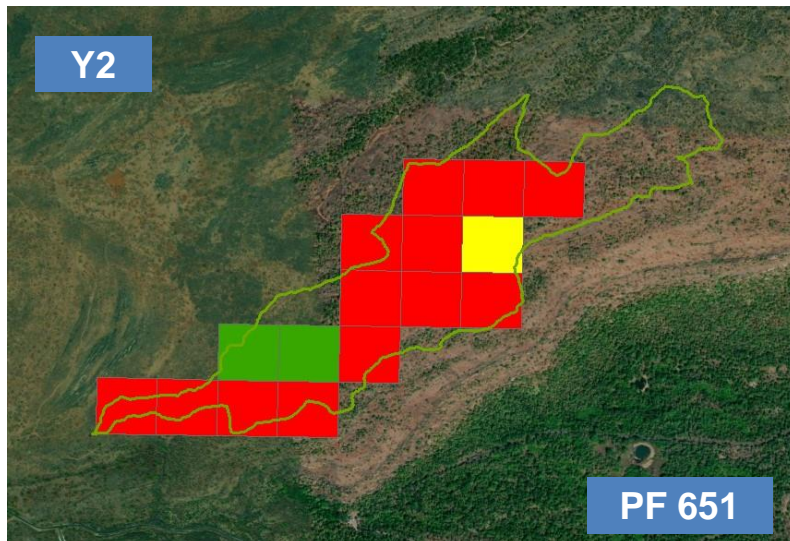
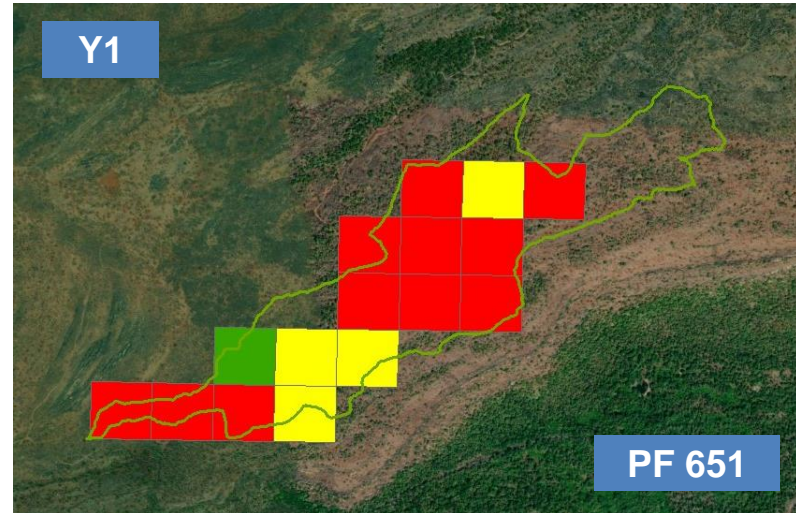
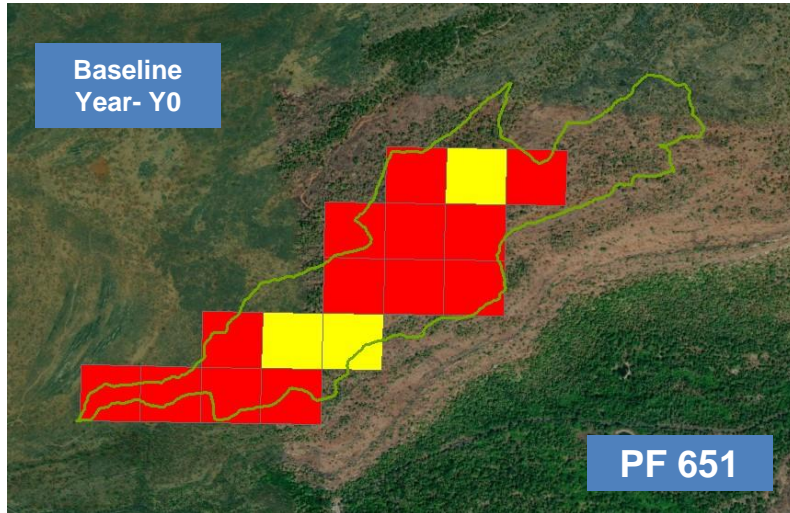
Natural Regeneration = Unestablished+Established/Total No of Grids*100

GIS Based Monitoring:



Division – Sehore, Range – Budhni

Baseline Y0= 2018, Y1=Year 1, Y2=Year 2, Y3= Year 3





Progress APO (2021-22)

S.no.	Items	Cumulative	
		Target (Phy)	Achieved (Phy)
Component – 1 Strengthening Capacity of Government Institutions in Forestry and Land Management Programs			
1	Exposure visit (nos.)	09	04
2	Workshop (nos.)	80	17
3	Capacity building Workshop GIM Divisions (nos.)	15	0
4	Skill Development Activities (Trainings) Persons trained		8 330
Component-2.2 & 1.6.6: Developing community-based models for sustainable utilization of NTFP & Skill Development and Employment generation activities			
4	Livelihood ensured (Beneficiary nos.)	1200	1135



Progress (APO 2021-22)

S.No.	Items	(Feb, 2022)	
		Target (Physical)	Achievement (Physical)
Component -2 Investments for Improving Forest Quality in Selected Landscapes			
1	Site preparation (ha.)	600	600
2	Plantation created (ha.)	600	600
3	Area under Maintenance (ha.)	2424	2424
4	Plants Planted (nos.)	-	2,25,250
5	Upgrading/modernization of select forest nurseries	6	90% work is completed

1.6.6 Skill Development Activities for youth- Diversified Livelihood Activities

Progress APO (2021-22)

<i>Activities</i>	<i>Beneficiaries</i>				
	<i>Male</i>	<i>Female</i>	Total	<i>ST</i>	<i>Other Communities (SC/OBC/GEN)</i>
<i>Electrician & Motor Winding</i>	155	08	163	116	47
<i>Automobile Technician(Two wheeler repair assistant)</i>	112	0	112	57	55
<i>Computer Operator</i>	35	20	55	39	16
Grand Total	302	28	330	212	118
<i>Percentage of female beneficiaries</i>					8.48%
<i>Percentage of ST beneficiaries</i>					64.24%
<i>Percentage of other communities (SC/OBCs)</i>					35.74%



1.6.6 Skill Development Activities for youth (2021-22)

Electrician & Motor Winding Training



National Skills Qualifications Framework (NSQF Course)	Helper/ Assistant Electrician CON/ Q601
Persons trained	163
Person Employed	144
Employment type	Self Employment and Jobs
Average Income	Salary Rs. 8000-10000 /- pm , own business Rs. 2500-3000 /- pm



1.6.6 *Skill Development Activities for youth (2021-22)* Automotive Service Technician (Two Wheelers)



National Skills Qualifications Framework (NSQF Course)	Helper/ Assistant Two Wheeler Repair ASC/Q1411
Persons trained	112
Person Employed	86
Employment type	Self Employment and Jobs

**ESMF Orientation Trainings
Progress APO (2021-22)**

Sl. No	Division	Date of Workshop	Details of Participants					
			Female	Male	Total	FD field staff	JFMC Ex. Members	SHG members
1	Hoshangabad	15.12.2021	11	16	27	08	13	0
2	N. Betul	16.12.2021	11	11	22	10	09	02
3	Sehore	17.12.2021	38	48	86	14	41	07
Grand Total			60	75	135	22	63	09

ESMF Orientation Trainings Progress APO (2021-22)



Environment Management Plan (EMP)



Environment Management Plan

of

Pond

Compartment Number: P-649

Beat-Khatpura

Range- Budni

Under

**Ecosystem Services Improvement Project
(ESIP)**

Submitted by

**SEHORE FOREST DIVISION
MADHYA PRADESH**

Draft EMP submitted to MoEF&CC and World Bank:-

The EMP for the Pond constructed in C. no. P-649, which comes under Paraswara and Khatpur JFMC, Range Budni, Sehore Division.

Main purpose of the EMP preparation is-

- Encourage good management practices.
- Minimizing disturbance to the environment (physical, biological and ecological, socioeconomic, cultural, and archeological).
- Protection of sensitive and endangered flora and fauna.
- Prevent land degradation.
- Reduce environmental risk and provide better Health, Safety and Environment

Thank You