



Government of Jammu and Kashmir

R F D

(Results-Framework Document)
for

Department of Forests and Environment

(2013-2014)

Section 1: Vision, Mission, Objectives and Functions

Vision

Ecologically, economically and socially sustainable forest ecosystem management and a cleaner environment for better quality of life to the people of the State

Mission

Implementation of State Forest Policy to ensure sustainable flow of goods and services from the forests to all stakeholders Conservation of natural forests and ecological restoration of degraded forests for optimum productivity of the forest ecosystem Working towards a cleaner environment for the conservation of all lifeforms

Objectives

- 1 Strengthening of institutional mechanisms for the management of forests with its vast variety of flora and fauna for conservation of forest biodiversity and natural wildlife habitat through multiple use forestry
- 2 Consolidation of forest land, updating land records, protection of the forests and revitalization of forest health
- 3 Strengthening environmental governance to address environmental concerns in all developmental activities through efficient monitoring for improving air and water quality
- 4 Optimally utilising the mitigation and adaptation potential of forests in the context of climate change
- 5 Maintenance of stream flow from forested watershed for water quality and low sediment load and improvement of soil moisture regime of vadose zone
- 6 Rehabilitation of degraded forests so as to optimise their productivity and restore their potential to provide goods and ecosystem services on sustainable basis
- 7 Reducing pressure on natural forests through appropriate interventions and extending tree cover outside forests for supply of forest produce
- 8 Creating a sustained people's movement for achieving the aforementioned objectives, so that environmental security is ensured

Functions

- 1 Protection, Consolidation, Conservation and Development of Natural Forests
- 2 Expanding forest and tree cover in the State
- 3 Wildlife Conservation and Habitat management
- 4 Monitoring environmental parameters
- 5 Supply of timber and other wood based produce and meeting the bondfide domestic fodder and firewood requirement of the people

Section 1: Vision, Mission, Objectives and Functions

- 6 Mitigation of man animal conflict
- 7 Forest biodiversity conservation
- 8 Management of NTFPs, documentation of traditional knowledge
- 9 Poverty alleviation by livelihood needs of forest dependent communities through sustainable supply of forest produce by improving productivity of existing forests and through forestry activities, schemes and programmes
- 10 Forestry research and extension
- 11 Development of human resource
- 12 Creating environmental awareness among the various stakeholders
- 13 Soil and water conservation

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Strengthening of institutional mechanisms for the management of forests with its vast variety of flora and fauna for conservation of forest biodiversity and natural wildlife habitat through multiple use forestry	20.00	[1.1] Preparation of Working Plan	[1.1.1] Number of approved working plans in operation	Nos	5.00	12	10	8	7	6
			[1.1.2] Number of management plans in operation for PAs	Nos	3.00	8	7	6	5	4
		[1.2] Human Resource Development	[1.2.1] Capacity building of the staff for mandatory initial (induction) training in forestry	Nos	2.00	125	120	115	110	100
			[1.2.2] Reduction in vacancy against sanctioned strength in percentage terms	%	2.00	10	20	30	35	40
			[1.2.3] In service training for staff	Nos	2.00	100	90	80	70	60
		[1.3] Personnel Management	[1.3.1] Induction of SFS officers into IFS- sending completed proposals to UPSC	Date	1.00	28/02/2014	10/03/2014	20/03/2014	25/03/2014	31/03/2014
			[1.3.2] Promotions to various scales of IFS	Date	1.00	20/01/2014	31/01/2014	10/02/2014	20/02/2014	28/02/2014
			[1.3.3] Promotion of SFS Officers	Date	1.00	28/02/2014	15/03/2014	20/03/2014	25/03/2014	31/03/2014

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[1.3.4] Promotion of Gazetted Officers-Issuance of seniority and submission of proposals to PSC	Date	1.00	28/02/2014	15/03/2014	20/03/2014	25/03/2014	31/03/2014
		[1.4] Monitoring and evaluation	[1.4.1] Establishment of monitoring cell at Circle level	Date	2.00	01/07/2013	15/07/2013	31/07/2013	15/08/2013	30/08/2013
[2] Consolidation of forest land, updating land records, protection of the forests and revitalization of forest health	15.00	[2.1] Survey, demarcation and consolidation of forest boundaries	[2.1.1] Number of boundary pillars repaired/renovated	Nos	3.00	9000	8500	8000	7000	6000
			[2.1.2] Number of demarcation files updated/reconstructed	Nos	1.50	15	12	10	8	6
			[2.1.3] Digitization of boundaries of forest compartments for GIS	Nos	1.50	400	350	300	250	200
			[2.1.4] Geo coordinates of BPs	Nos	1.50	2000	1800	1600	1400	1200
		[2.2] Protection of forests	[2.2.1] Area evicted from encroachment	Ha	1.50	100	90	80	70	50
			[2.2.2] Number of offence cases where involving illicit felling and poaching where investigation is completed and complaints filed	Nos	1.50	2000	1750	1500	1250	1000

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[2.2.3] Number of offence cases disposed off/concluded	Nos	1.50	2000	1750	1500	1250	1000
		[2.3] Forest Fire Protection	[2.3.1] Controlled burning to reduce fuel load to prevent forest fire	Ha	1.50	1500	1400	1200	1000	800
			[2.3.2] Area affected by forest fire	Ha	0.75	125	150	150	175	200
			[2.3.3] Number of fire cases reported	Nos	0.75	200	250	300	400	500
[3] Strengthening environmental governance to address environmental concerns in all developmental activities through efficient monitoring for improving air and water quality	15.00	[3.1] Effective implementation of environmental legislations	[3.1.1] Consent issued within the stipulated time	Days	3.00	90	95	100	110	120
			[3.1.2] Closure orders issued/penalties imposed	Nos	1.50	100	90	80	75	70
		[3.2] Monitoring ambient air quality and water	[3.2.1] Number of ambient air quality stations commissioned	Nos	2.25	12	11	10	9	8
			[3.2.2] Water Quality Sampling Monitored at various locations	Nos	2.25	38	36	34	32	30
		[3.3] Intersectoral collaboration for environmental governance	[3.3.1] State Action Plan for Climate Change draft preparation	Date	1.50	15/06/2013	30/06/2013	08/07/2013	15/07/2013	31/07/2013

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[3.3.2] Final Draft preparation	Date	1.50	31/01/2014	15/01/2014	31/01/2014	28/02/2014	31/03/2014
		[3.4] Environment related complaint redressal	[3.4.1] Number of complaints related to environmental issues redressed (disposed off) with reference to the total complaints received	%	1.50	100	98	95	92	90
		[3.5] Creating public awareness	[3.5.1] Workshops, symposium, awareness campaign conducted	Nos	1.50	10	9	8	6	5
[4] Optimally utilising the mitigation and adaptation potential of forests in the context of climate change	10.00	[4.1] Carbon sequestration potential of forests	[4.1.1] Area under forests	Sq Km	3.00	20230	20228	20226	20225	20224
			[4.1.2] Average Growing Stock of forests	CUM/Ha	3.00	101	100	99	98	97
		[4.2] Carbon sequestration through ToF	[4.2.1] Trees Outside Forests (ToF)	% of Geog Area	2.00	3.00	2.95	2.94	2.93	2.92
			[4.2.2] Growing Stock of ToF	Mill CUM	2.00	147.750	147.745	147.730	147.725	147.720
[5] Maintenance of stream flow from forested watershed for water quality and low sediment load and improvement of soil moisture regime of vadose zone	8.00	[5.1] Prevention of soil erosion and mitigating measures to prevent mass wasting in the catchment through Soil and moisture conservation works	[5.1.1] Water Harvesting structures including DRSM Works done for the purpose	CUM	2.80	40000	37000	34000	32000	31000

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[5.2] Mitigation measures on Forest land diverted under FCA for the construction of roads	[5.2.1] Length of retaining wall along the road in forest area	km	1.20	50	45	40	30	25
			[5.2.2] Ratio of length of retaining wall to the length of road on Forest	%	1.20	50	45	40	30	25
			[5.2.3] Number of projects where sites have been identified for the disposal of muck	Nos	0.80	20	16	14	12	10
		[5.3] Catchment area treatment plan/ Compensatory afforestation work	[5.3.1] Catchment area treated/Compensatory afforestation done	Ha	2.00	8700	8400	8000	7600	7200
[6] Rehabilitation of degraded forests so as to optimise their productivity and restore their potential to provide goods and ecosystem services on sustainable basis	8.00	[6.1] Afforestation of degraded areas	[6.1.1] Area brought under reforestation	Ha	1.60	8507	8000	7000	6000	5000
			[6.1.2] Number of plants planted	Nos	1.20	3300000	3000000	2500000	2000000	1500000
			[6.1.3] Survival percentage	%	1.20	65	55	50	40	35
		[6.2] Improving productivity	[6.2.1] Area under Seed Orchards/Seed Production Areas	Ha	1.20	720	700	680	660	650
			[6.2.2] Quantity of superior quality seed supplied to other	Qtl	1.20	3.7	3.6	3.5	3.4	3.0

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			departments for raising quality seedlings							
		[6.3] Regeneration of forests through aided natural regeneration in pursuance of State Forest Policy	[6.3.1] Identification of area for natural regeneration	Date	1.60	--	--	--	--	--
[7] Reducing pressure on natural forests through appropriate interventions and extending tree cover outside forests for supply of forest produce	8.00	[7.1] Plantation outside forests	[7.1.1] Area of plantation outside forest area	Ha	4.00	500	400	300	275	250
			[7.1.2] Number of seedlings supplied for farm forestry	Nos	2.00	600000	550000	500000	450000	400000
		[7.2] Extension and publicity	[7.2.1] Number of workshops/seminar/tree planting programmes conducted	Nos	2.00	60	50	40	35	30
[8] Creating a sustained people's movement for achieving the aforementioned objectives, so that environmental security is ensured	6.00	[8.1] Stakeholders involvement	[8.1.1] Number of VFCs /EDCs formulated	Nos	1.80	1500	1400	1300	1200	1100
			[8.1.2] Number of functional VFCs/EDCs	Nos	0.90	1400	1300	1200	1100	1000
		[8.2] Mitigation and resolution of man animal conflict	[8.2.1] Establishment of control rooms	Nos	0.90	45	40	35	30	25
			[8.2.2] Timely release of compensation for	Days	0.90	3	5	7	10	12

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			victims							
		[8.3] Nature education	[8.3.1] Theme based ecosystem projects	Nos	0.90	4	3	2	1	0
			[8.3.2] Number of visitors to Manda Zoo	Nos	0.60	400000	380000	350000	320000	300000
* Efficient Functioning of the RFD System	5.00	Timely Submission of Draft Approval	On time Submission	Date	2.0	20/03/2013	21/03/2013	22/03/2013	25/03/2013	26/03/2013
		Timely Submission of Results	On time Submission	Date	1.0	01/05/2014	02/05/2014	03/05/2014	06/05/2014	07/05/2014
		Finalize Strategic Plan (After meeting all intermediate deadline)	Finalize the Strategic Plan for next 5 years	Date	2.0	10/06/2013	14/06/2013	18/06/2013	24/06/2013	28/06/2013
* Improving Internal Efficiency / Responsiveness Service Delivery of Department	5.00	Development RFDs for all Responsibility centers (Subordinate officers,Attached Officers and Autonomous Bodies)	Percentage of RCs covered	%	2.0	100	95	90	85	80
		Implementation of Sevottam	Create a compliant System to implement,monitor and review Citizen's/Client's Charter	Date	2.0	15/09/2013	20/09/2013	25/09/2013	30/09/2013	01/10/2013
			Create a compliant system to redress and monitor to public Grievances	Date	1.0	15/09/2013	20/09/2013	25/09/2013	30/09/2013	01/09/2013

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
[1] Strengthening of institutional mechanisms for the management of forests with its vast variety of flora and fauna for conservation of forest biodiversity and natural wildlife habitat through multiple use forestry	[1.1] Preparation of Working Plan	[1.1.1] Number of approved working plans in operation	Nos	--	--	10	--	--
		[1.1.2] Number of management plans in operation for PAs	Nos	--	--	7	--	--
	[1.2] Human Resource Development	[1.2.1] Capacity building of the staff for mandatory initial (induction) training in forestry	Nos	--	--	120	--	--
		[1.2.2] Reduction in vacancy against sanctioned strength in percentage terms	%	--	--	20	--	--
		[1.2.3] In service training for staff	Nos	--	--	90	--	--
	[1.3] Personnel Management	[1.3.1] Induction of SFS officers into IFS-sending completed proposals to UPSC	Date	--	--	10/03/2014	--	--
		[1.3.2] Promotions to various scales of IFS	Date	--	--	31/01/2014	--	--
		[1.3.3] Promotion of SFS Officers	Date	--	--	15/03/2014	--	--
		[1.3.4] Promotion of Gazetted Officers-	Date	--	--	15/03/2014	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
		Issuance of seniority and submission of proposals to PSC						
	[1.4] Monitoring and evaluation	[1.4.1] Establishment of monitoring cell at Circle level	Date	--	--	15/07/2013	--	--
[2] Consolidation of forest land, updating land records, protection of the forests and revitalization of forest health	[2.1] Survey, demarcation and consolidation of forest boundaries	[2.1.1] Number of boundary pillars repaired/renovated	Nos	6087	8500	2450	2608	--
		[2.1.2] Number of demarcation files updated/ reconstructed	Nos	7	25	15	20	--
		[2.1.3] Digitization of boundaries of forest compartments for GIS	Nos	50	180	200	200	--
		[2.1.4] Geo coordinates of BPs	Nos	50	650	2450	2608	--
	[2.2] Protection of forests	[2.2.1] Area evicted from encroachment	Ha	90	90	100	100	--
		[2.2.2] Number of offence cases where involving illicit felling and poaching where investigation is completed and complaints filed	Nos	1500	1750	1800	1900	--
		[2.2.3] Number of offence cases disposed off/concluded	Nos	1500	1750	1800	1900	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
	[2.3] Forest Fire Protection	[2.3.1] Controlled burning to reduce fuel load to prevent forest fire	Ha	1200	1400	1500	1500	--
		[2.3.2] Area affected by forest fire	Ha	100	125	120	120	--
		[2.3.3] Number of fire cases reported	Nos	700	800	900	900	--
[3] Strengthening environmental governance to address environmental concerns in all developmental activities through efficient monitoring for improving air and water quality	[3.1] Effective implementation of environmental legislations	[3.1.1] Consent issued within the stipulated time	Days	93	95	95	95	--
		[3.1.2] Closure orders issued/penalties imposed	Nos	109	90	80	80	--
	[3.2] Monitoring ambient air quality and water	[3.2.1] Number of ambient air quality stations commissioned	Nos	9	11	14	16	--
		[3.2.2] Water Quality Sampling Monitored at various locations	Nos	34	36	40	42	--
	[3.3] Intersectoral collaboration for environmental governance	[3.3.1] State Action Plan for Climate Change draft preparation	Date	--	08/02/2013	30/06/2013	--	--
		[3.3.2] Final Draft preparation	Date	--	18/02/2013	15/01/2014	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
	[3.4] Environment related complaint redressal	[3.4.1] Number of complaints related to environmental issues redressed (disposed off) with reference to the total complaints received	%	90	98	110	120	--
	[3.5] Creating public awareness	[3.5.1] Workshops, symposium, awareness campaign conducted	Nos	7	9	15	20	--
[4] Optimally utilising the mitigation and adaptation potential of forests in the context of climate change	[4.1] Carbon sequestration potential of forests	[4.1.1] Area under forests	Sq Km	20228	20228	20228	20228	--
		[4.1.2] Average Growing Stock of forests	CUM/Ha	204	205	206	206	--
	[4.2] Carbon sequestration through ToF	[4.2.1] Trees Outside Forests (ToF)	% of Geog Area	--	2.95	2.95	--	--
		[4.2.2] Growing Stock of ToF	Mill CUM	--	147.745	147.745	--	--
[5] Maintenance of stream flow from forested watershed for water quality and low sediment load and improvement of soil moisture regime of vadose zone	[5.1] Prevention of soil erosion and mitigating measures to prevent mass wasting in the catchment through Soil and moisture conservation works	[5.1.1] Water Harvesting structures including DRSM Works done for the purpose	CUM	29000	37000	40000	45000	--
	[5.2] Mitigation measures on Forest land	[5.2.1] Length of retaining wall along the road	km	--	45	50	50	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
	diverted under FCA for the construction of roads	in forest area						
		[5.2.2] Ratio of length of retaining wall to the length of road on Forest	%	--	45	50	50	--
		[5.2.3] Number of projects where sites have been identified for the disposal of muck	Nos	6	16	18	20	--
	[5.3] Catchment area treatment plan/ Compensatory afforestation work	[5.3.1] Catchment area treated/Compensatory afforestation done	Ha	5437	5000	6000	6200	--
[6] Rehabilitation of degraded forests so as to optimise their productivity and restore their potential to provide goods and ecosystem services on sustainable basis	[6.1] Afforestation of degraded areas	[6.1.1] Area brought under reforestation	Ha	4050	5600	6500	7000	--
		[6.1.2] Number of plants planted	Nos	3300000	9200000	9500000	9700000	--
		[6.1.3] Survival percentage	%	45	55	56	57	--
	[6.2] Improving productivity	[6.2.1] Area under Seed Orchards/Seed Production Areas	Ha	675	700	720	740	--
		[6.2.2] Quantity of superior quality seed supplied to other	Qtl	3.2	3.6	3.8	4	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
		departments for raising quality seedlings						
	[6.3] Regeneration of forests through aided natural regeneration in pursuance of State Forest Policy	[6.3.1] Identification of area for natural regeneration	Date	--	08/03/2013	--	--	--
[7] Reducing pressure on natural forests through appropriate interventions and extending tree cover outside forests for supply of forest produce	[7.1] Plantation outside forests	[7.1.1] Area of plantation outside forest area	Ha	280	400	530	530	--
		[7.1.2] Number of seedlings supplied for farm forestry	Nos	779800	550000	600000	650000	--
	[7.2] Extension and publicity	[7.2.1] Number of workshops/seminar/tree planting programmes conducted	Nos	45	50	55	60	--
[8] Creating a sustained people's movement for achieving the aforementioned objectives, so that environmental security is ensured	[8.1] Stakeholders involvement	[8.1.1] Number of VFCs /EDCs formulated	Nos	6100	6100	6100	6100	--
		[8.1.2] Number of functional VFCs/EDCs	Nos	5300	5500	5600	5650	--
	[8.2] Mitigation and resolution of man animal conflict	[8.2.1] Establishment of control rooms	Nos	30	40	43	45	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
		[8.2.2] Timely release of compensation for victims	Days	6	5	5	4	--
	[8.3] Nature education	[8.3.1] Theme based ecosystem projects	Nos	--	--	3	--	--
		[8.3.2] Number of visitors to Manda Zoo	Nos	200000	380000	450000	500000	--
* Efficient Functioning of the RFD System	Timely Submission of Draft Approval	On time Submission	Date	--	--	21/03/2013	--	--
	Timely Submission of Results	On time Submission	Date	--	--	02/05/2014	--	--
	Finalize Strategic Plan (After meeting all intermediate deadline)	Finalize the Strategic Plan for next 5 years	Date	--	--	14/06/2013	--	--
* Improving Internal Efficiency / Responsiveness Service Delivery of Department	Development RFDs for all Responsibility centers (Subordinate officers, Attached Officers and Autonomous Bodies)	Percentage of RCs covered	%	--	--	95	--	--
	Implementation of Sevottam	Create a compliant System to implement, monitor and review Citizen's/Client's Charter	Date	--	--	20/09/2013	--	--
		Create a compliant system to redress and monitor to public Grievances	Date	--	--	20/09/2013	--	--

* Mandatory Objective(s)

Section 4: Acronym

Sl.No	Acronym	Description
1	BPs	Boundary Pillars
2	DRSM	Dry Stone Rubble Masonary
3	EDC	Eco Development Committee
4	FCA	J&K Forest Conservation Act
5	IT	Information Technology
6	PAs	Protected Areas

Section 4: Acronym

Sl.No	Acronym	Description
7	PWPR	Preliminary Working Plan Report
8	ToF	Trees outside Forests
9	VFC	Village Forest Committees

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
1	[1.1.1] Number of approved working plans in operation	Completion of preparation of Working Plan by the WPO and submitted to the Conservator of Forests Working Plan Circle	Total number of Working Plans	Number of forest divisions for whi the Working Plans have been prepared and submitted by the WPO	CCF Working Plan
2	[1.2.3] In service training for staff	This is about any refresher course conducted on a special topic/module for the staff at various levels by different agenciew	Refresher course conduted on various contemporary topics at the training institutes, at circle/division level	Number of staff/officers attended	CCF, Working Plan
3	[1.3.1] Induction of SFS officers into IFS-sending completed proposals to UPSC	Preparation of select list for officers due for induction		Date of preparation of such list	
4	[1.3.2] Promotions to various scales of IFS	Preparation of select list and placing before the select committee for consideration		Date	
5	[2.1.1] Number of boundary pillars repaired/renovated	How many BPs have been repaired/renovated during the year		Numbers	CCF, S&D

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
6	[2.1.3] Digitization of boundaries of forest compartments for GIS	The digitisation of forest compartment boundaries for use in GIS platform	Digitisation of forest compartments	Number of compartments	PCCF
7	[2.1.4] Geo coordinates of BPs	Location of BPs	Latitude and Longitude	Number of BPs for which the geo coordinates are recorded during the year	CCF, S&D
8	[2.2.2] Number of offence cases where involving illicit felling and poaching where investigation is completed and complaints filed	After taking cognizance of the offence, the number of cases where the investigation is complete and the case could either be lodged before the Court or disposed off departmentally	Completion of investigation of the case by IO	Number of cases	PCCF, CWLW, Director FPF
9	[2.2.3] Number of offence cases disposed off/concluded		Damage case disposal	Number of cases	PCCF, CWLW and Director FPF
10	[2.3.1] Controlled burning to reduce fuel load to prevent forest fire	Effectiveness of controlled burning	Reduction in fuel load for prevention of forest fire	Area in Ha	PCCF, CWLW

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
11	[3.5.1] Workshops, symposium, awareness campaign conducted	Awareness creation	Creating awareness amongs various stakeholders	Number of such events organised	All HoDs
12	[4.1.1] Area under forests	Total area under forests that act as a carbon sink	Maintenance of forest cover	Area in Sq Km	PCCF from the Status of Forest Report of FSI
13	[4.1.2] Average Growing Stock of forests	Volume of standing trees in forests	Total standing volume in CuM	CuM	PCCF
14	[5.1.1] Water Harvesting structures including DRSM Works done for the purpose	Soil and water conservation measures	Erosion control and moisture conservation	CuM	All HoDs except PCB, FPF and EE&RS
15	[5.2.1] Length of retaining wall along the road in forest area	Length of road through forests for which retaining/breast walls have been constructed by the user agency as per the conditions laid out in the sanction order	Protection against erosion and landslide	Length in KM	PCCF, CWLW

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
16	[5.3.1] Catchment area treated/Compensatory afforestation done	Catchment Area Treatment and Compensatory Afforestation	Mitigation of land use change through CAT and CA	Area in Ha	CF CAMPA
17	[6.1.1] Area brought under reforestation	Plantation under all the schemes like RDF, CM's participation, NAP, RVPs, Pasture and Fodder Dev, Economic and fuelwood Plantation etc	Improving the degraded forests	In Ha	All HoDs except PPF, SFRI, EE&RS and PCB
18	[6.2.1] Area under Seed Orchards/Seed Production Areas	Production of quality seeds through establishment of Seed Orchards and SPAs	Areas identified for SOs and SPAs	In Ha	PCCF, SFRI
19	[6.2.2] Quantity of superior quality seed supplied to other departments for raising quality seedlings	Improving productivity through better quality seeds	Quantity of good quality seeds supplied from SOs and SPAs for pLANT PRODUCTION	In Qtl	SFRI, PCCF
20	[7.1.1] Area of plantation outside forest area	Plantains outside forests	Institutional Plantations, strip plantations along road and canals, avenue plantation, Village Woodlot etc	In Ha	PCCF, SF

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
21	[8.1.2] Number of functional VFCs/EDCs			Numbers	PCCF, SF, CWLW
22	[8.2.2] Timely release of compensation for victims		time taken for settlement of claims for victims of man animal conflicts	Days	CWLW

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
Central Government		Ministry	Other Union Ministries	Number of approved working plans in operation Number of management plans in operation for PAs Capacity building of the staff for mandatory initial (induction) training in forestry [2.3.2] Area affected by forest fire [5.1.1] Water Harvesting structures including DRSM Works done for the purpose [5.3.1] Catchment area treated/Compensatory afforestation done [6.1.1] Area brought under reforestation	Budgetary assistance			
State Government	J & K	Departments	Department of Finance	Reduction in vacancy against sanctioned strength in percentage terms Number of vehicles purchased	Budgetary allocation			

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				Number of buildings repaired/constructed				
			Department of Planning & Development	Capacity building of the staff for mandatory initial (induction) training in forestry Number of vehicles purchased Number of buildings repaired/constructed [2.1.1] Number of boundary pillars repaired/renovated [4.2.1] Trees Outside Forests (ToF) [5.1.1] Water Harvesting structures including DRSM Works done for the purpose [6.1.1] Area brought under reforestation [6.1.2] Number of plants planted [7.1.1] Area of plantation outside forest area	Budgetary assistance			The desired output shall be adversely affected

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				Number of ecotourism projects managed by the stakeholders				
			Department of Information	[3.5.1] Workshops, symposium, awareness campaign conducted	Awareness creation			
			Department of School Education	[7.1.1] Area of plantation outside forest area [7.1.2] Number of seedlings supplied for farm forestry [7.2.1] Number of workshops/seminar/ tree planting programmes conducted	Environmental education			

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16
1 Maintenance of existing forest area with improved stocking	MoEF, J&K Planning and Development Department, J&K Finance Department	Maintenance of forest area	Sq Km		22539	22539	22539	22539
		Maintenance/Improvement in the quality of forest cover (Increase in the area of dense forests cover)	Sq Km		8103	8103	8103	8105
2 Better wildlife habitat and improved environmental conscience in the society	J&K Education Department, J&K Information Department, J&K Revenue Department, J&K Police, MoEF, J&K Planning and Development Department, J&K Finance Department	Reduction in the human casualities under man animal conflicts	Nos		35	25	20	20
		Maintenance/Increase in the population of hangul	Nos		215	215	220	220
3 Cleaner environment through better ambient quality air and water quality	JK Pollution Control Board, JK Transport Dept, JK Public Works Dept, JK Industries Dept, JK Revenue Dept, JK Police, JK Information Dept, MoEF	Industries installing air and water pollution control systems	%		100	100	100	100