

Convergence of NREGS with Schemes of the Dept. of Water Resources and Watershed Programms in Gujarat



**Rural Development Department
Government of Gujarat**

Objectives of NREGS

- The basic objective of the Act is to enhance livelihood security in rural areas by
- Providing at least 100 days of guaranteed wage employment in a financial year to every BPL & APL household whose adult members volunteer to do unskilled manual work
- This work guarantee can also serves other objectives like
 1. Generating productive assets,
 2. Protecting the environment, empowering rural women,
 3. Reducing rural urban migration and fostering social equity, among others.

Objectives of Convergence

- Establishing synergy among Government Programme & optimizing public investment.
- Strengthening democratic process.
- Mitigating effects of climate change.
- Creating conditions for sustainable development
- To maximize the benefit of NREGS programme .

Operational Plan of Convergence in Gujarat

Management

1. A State Resource Group will be constituted with the participation all Line Departments at State level to review the progress of convergence in the State.
2. District Resource Group will be constituted at District Level under the Chairmanship of Collector. DDO ,Officer of Irrigation Department and other line departments and the Director DRDA will be the members of DRG.
3. Block Resource Group at Block level will be constituted under the Chairmanship of the TDO with representatives of all Line Departments.
4. All the procedures of NREGS as prescribed in the Act are required to be followed by the partnering Departments under the convergence arrangement.

Operational Plan of Convergence in Gujarat

Planning with Partnering Departments

1. Integration of perspective plan NREGS with the Departmental Plans.
2. Planning Meetings at State and District level.
3. Discussions with Departments on operational issues such as fund management, selection of works.
4. Gram Panchayats will be focal point for implementation of the convergence plans and for the capacity building.

Operational Plan of Convergence in Gujarat

Selection of Works

1. The selection of Works will be done within the periphery of permissible works.
2. The wage material ratio will be maintained at District Level.
3. The works will be selected in the manner to achieve the long term sustainability objective of NREGA

Broad areas of Convergence

- Convergence with the Programms and Schemes of Ministry of Water Resources.
- Convergence with Watershed Programme.
- Convergence with other Line Departments implementing Water conservation Water Harvesting and Water resources Programms.

Convergence with Watershed Programme

- It observed that the approved cost of Rs 12000/ Per Hec for Watershed development area is not adequate and therefore the additional cost will be met from NREGS programme.
- Activities such as Gap filling, New plantation, Desilting of existing Check dams will be taken up.
- Nursery raising with the help of SHGs.

Convergence Activities

- Irrigation projects
- Construction of canal works
- Construction of Check dams – Small & Big
- Deepening of ponds
- Salinity ingress works
 - Check dams
 - Tidal Regulators
 - Spreading channels
- Extension, Renovation & Modernization works in the existing Major, Medium & Minor irrigation projects.

Convergence Activities

- Participatory irrigation management works in the existing Major, Medium & Minor irrigation projects.
- De-silting and restoration of water bodies.
- Dam safety works
- Flood Protection works
- O & M of existing irrigation projects
- Flood control & management works
- Coastal protection works
- Lift irrigation schemes
- Construction of new drains, re-modeling & re-sectioning of existing drains

Convergence Activities

Restoration Existing canal network & Water bodies

- De-silting
- Removal of vegetation growth
- Restoration of canal section
- Renovation of canal structure and lining

Remodeling & re-sectioning of existing drains

- De-silting of drains
- Removal of vegetation growth
- Restoration of drain
- Renovation & modernization of structures

District wise Action Plan

Convergence with NREGA works.

Dist.: Sabarkantha

Planning for 2009-2010

(Rs. In lacs)

Sr. No	Works	Number of works	Estimated cost of the work	Cost components		State Project Fund
				NREGA		
				Labour	Material	
1	Canal Network restoration (ERM)	45	135	42	28	65
2	Remodeling and re-sectioning of drain.	5	75	36	24	15
3	Restoration of water conservation work (i) Check dam	360	270	108	72	90
4	Dam approaches	8	36	10	6	20
5	Safe stage works of Tanks	76	304	120	80	104
	Total	474	820	316	210	294

Convergence with NREGA works.

Dist.: Banaskantha

Planning for 2009-2010

(Rs. In lacs)

Sr. No	Works	Number of works	Estimated cost of the work	Cost components		State Project Fund
				NREGA		
				Labour	Material	
1	Canal Network Restoration	15	150	54	36	60
2	Remodeling and re-sectioning of drain.	6	75	27	18	30
3	Restoration of water conservation work (i) Check dam	62	47	16	11	20
4	Dam approaches	3	75	9	6	60
5	Safe stage works of Tanks	72	288	115	77	96
	Total	158	635	221	148	266

Convergence with NREGA works.

Dist.: Dahod

Planning for 2009-2010

(Rs. In lacs)

Sr. No	Works	Number of works	Estimated cost of the work	Cost components		State Project Fund
				NREGA		
				Labour	Material	
1	Canal Network restoration	12	125	38	25	62
2	Remodeling and re-sectioning of drain.	0	0	0	0	0
3	Restoration of water conservation work (i) Check dam	225	170	68	45	57
4	Dam approaches	6	150	18	12	120
5	Safe stage works of Tanks	62	248	101	47	80
	Total	305	593	225	129	319

Convergence with NREGA works.

Dist.: Dang

Planning for 2009-2010

(Rs. In lacs)

Sr. No	Works	Number of works	Estimated cost of the work	Cost components		State Project Fund
				NREGA		
				Labour	Material	
3	Restoration of water conservation work (i) Check dam	65	133	54	36	43
	Total	65	133	54	36	43

Artificial Recharge of Groundwater through Dug-wells

- Subsidy for constructing recharge pit
 - Small & Marginal Farmers: Rs 4,200
- Unit Cost of each structure: Rs 7,849
 - Under NREGA (Labour Cost): Rs 2,747
 - Under NREGA (Material Cost): Rs 902
 - Under Subsidy from NABARD (Material Cost): Rs 4,200

Sr. No	Districts	Dug-well Recharge Structure (Number of works)	Estimated cost of the work	Cost components		Grant for Structure from MoWR
				NREGA		
				Labour	Material	
1	Sabarkanta	7200	5.65 Cr	1.97 Cr	.64 Cr	3.02 Cr
2	Banaskantha	3627	2.89 Cr	1.01 Cr	.33 Cr	1.54 Cr
3	Dahod	5000	3.92 Cr	1.37 Cr	.45 cr	2.10 Cr
4	Dangs	0	0	0	0	0

Innovative activity for water conservation and water harvesting

Issue

- Gujarat has a long coastal line covering Saurashtra, Kutch Regions.
- Dead Mines are existing throughout the coastal lane
- The Mining in the close to coastal line results in salinity ingress.
- Salinity ingress reduces the crop production and ground water turns saline and is not fit for drinking.

Innovative Ideas for Convergence in Gujarat

Approach

- The plan is to link all dead mines of the regions with a wide channel.
- To store the potable water in the dead mines.
- The digging of Mines will be done through machine to produce building lime stone
- The stone bricks will be used for construction purpose.

Outcome

- Check on salinity ingress.
- Availability of Potable Drinking water
- Inland fisheries will be promoted in the region.
- Ecotourism will be developed throughout the coast line.
- Afforestation works can be undertaken.
- Fresh ground water will be available for irrigation purpose.

Thank You

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