



**CONVERGENCE FOR IMPROVING
DRAINAGE – AN INNOVATIVE
APPROACH FOR IMPROVING RURAL
HEALTH AND ENVIRONMENT**

**‘An initiative of Rural Development Department,
Government of Gujarat under NREGS’**

CONVERGING THE RESOURCES

- NREGS – labor intensive work
- TSC- SLWM fund
- PRIs Contribution
 - Nirmal Gram Puruskar
 - Samras scheme
 - Panchayat svabhandol
- 13th Finance Commission Funds (30% earmarked for sanitation)



OPERATIONAL STRUCTURE

- Implementation by Village Sanitation Committee, headed by Sarpanch
- Gram Panchayat levies sanitation tax to cover operational costs.
- SHG/Sakhi Madal or contract based sweepers for daily operations.
- Technical support by District/Taluka DRDA



PROJECT COMPONENTS

- Solid Waste- collection, transportation and disposal
- Liquid Waste (grey water) management
- Ownership of the project by the PRIs
- Turning SLWM into a profitable activity



SOLID WASTE MANAGEMENT

- Collection, Transportation and Disposal
 - Door to door collection
 - Cleaning of streets
 - Interim storage and final disposal of the waste at the outskirts of the village
- Equipments
 - Tricycle, Wheel barrow, Containers, Litter bins, Broom etc.



LIQUID WASTE MANAGEMENT

- Network of underground PVC/gutter connecting every house
- All backward class Households/Area covered in the project
- junction./inspection chambers at appropriate distance, base of chamber at lower level than inflow-outflow pipes
- Pipes drain into stabilizing ponds at different locations depending upon the gradient
- Design (pipe diameter etc) caters to the population growth for next 30 years



CONVERGENCE PILOT

- Village: Pipalava Village (Maliya Hatina)
- Households covered : 88
- Equipment: Wheel barrow 4, litterbins 6m tricycles 2 and containers 2
- Features
 - Drainage system network of PVC pipes.
 - Provision of 45 junctions inspection chambers

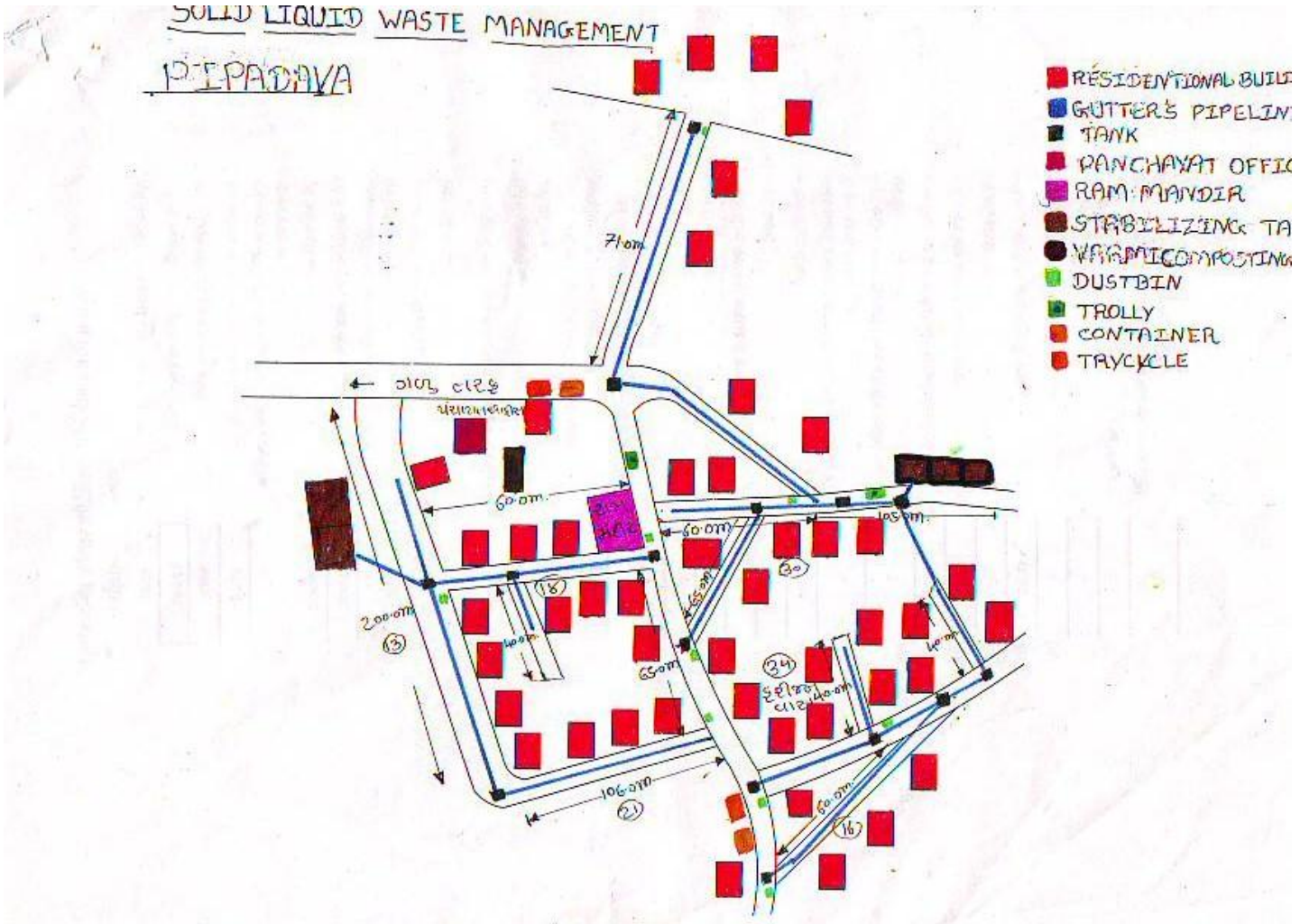


SCHEME COMPONENTS

Sr. No.	Head	Amount	Percentage	Remarks
1	NREGS			43.21% of the Total Cost
	Labor	2.78	67.08%	
	Material	1.36	32.92%	
	Total	4.14	100%	
2	TSC*	4.35		45.41% of Total Cost
	* Incl PVC Pipe & sanitation Equip Rs. 3.01 lacs			
3	Public Contribution	1.09		11.38 % of Total Cost
	Total	9.58		



PARTICIPATORY PLANNING



EXCAVATION UNDER NREGS



LAYING & JOINING OF PIPES FOR DRAINAGE



JUNCTION & INSPECTION CHAMBER



DOOR TO DOOR COLLECTION BY TRICYCLES



Thanks

