

# Waste Water Management

Participatory Planning, Budgeting and Implementation



# Discussion

- Waste Water Source
- Planning process
- Budgeting & Convergence
- Method & process for Waste water Management
- Role of GP, VWSC, SHC & CBO's
- Challenges & Way forward



# Waste water Source



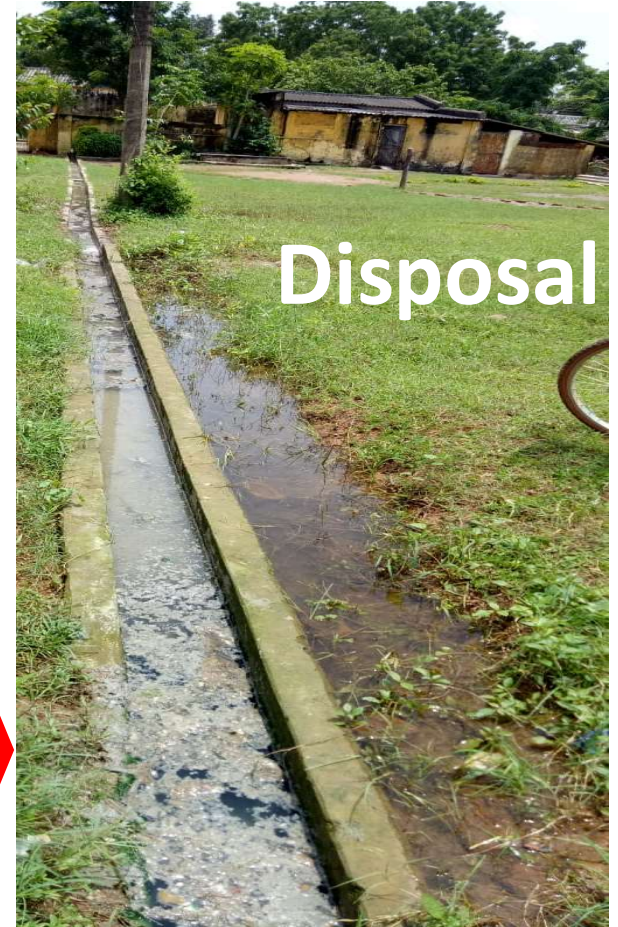
Toilet



Bathroom, Urinal



Kitchen

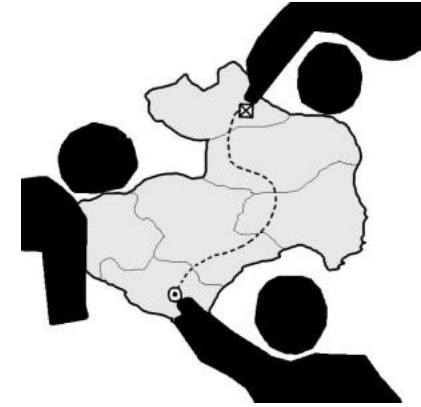


Disposal





# Participatory Planning

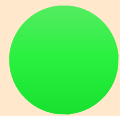


Training of  
VWSC, GP ,  
Formation of  
planning  
team

House hold  
Survey

Selection of  
Technology  
& Process

Priority &  
Timeline

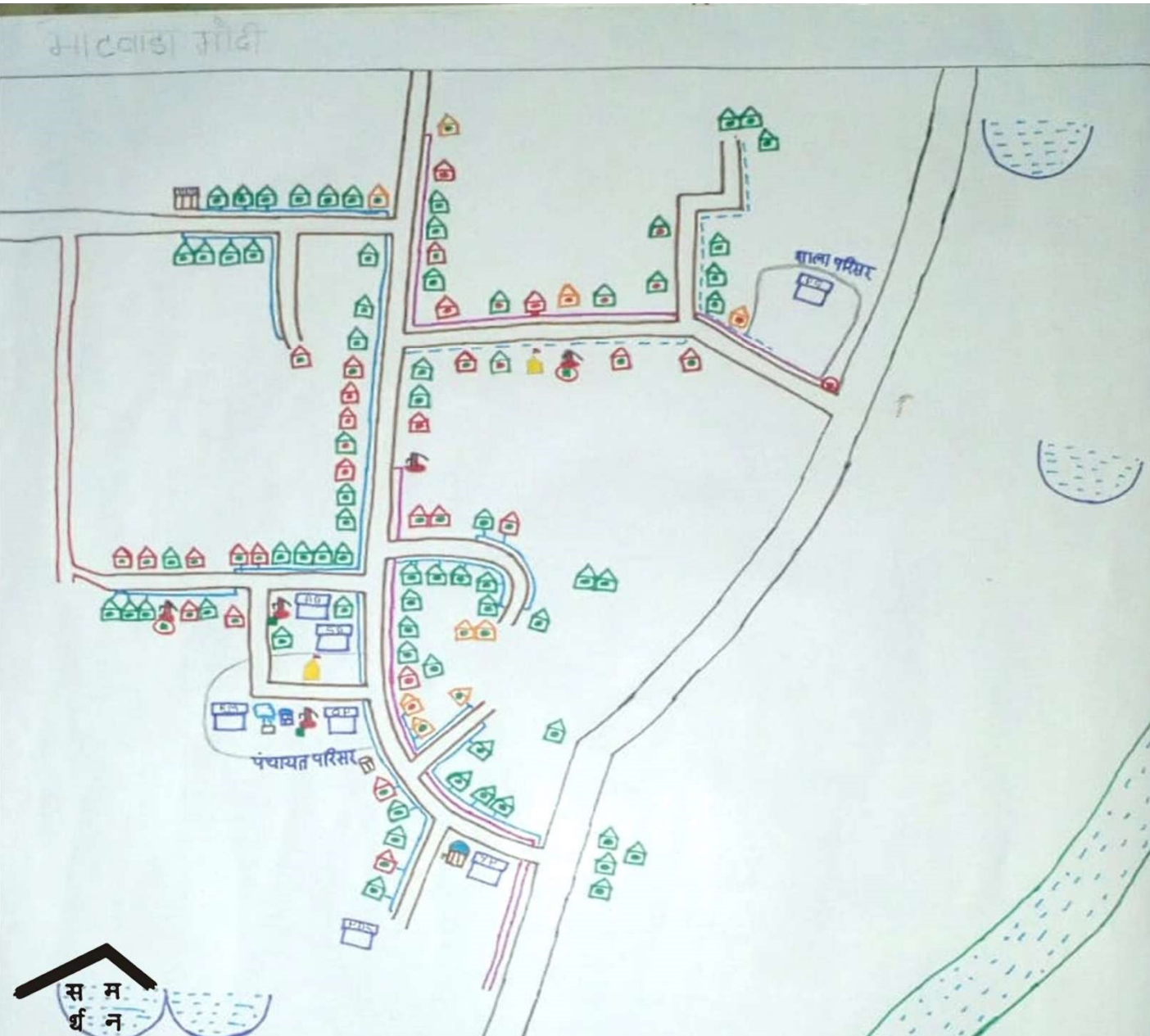


PRA \_  
Mapping to  
disposal side  
of waste  
water.

Data Analysis  
& place  
identification  
for  
management

Budgets,  
Convergence  
with NREGA  
+ Community  
contribution,  
Approval by  
GS

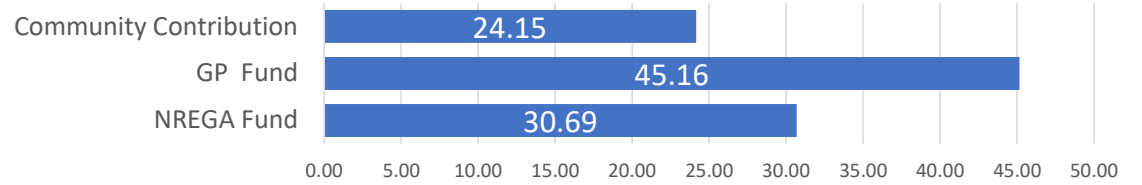




विवरण	संकेत
• श्लोकपिट गौधाल्य	
• सेन्टीक टैंक + सोला	
• सेन्टीक टैंक	
• तानी से भुके सेट्टीक	
<b>गाँदे पानी का प्रबंधन</b>	
• किचन गाईल	
• नाली	
• पाईप नल	
• नाली	
• शासकीय भवन	
• पानी सफाई पम्प	
• स्टैंड पोस्ट	
• रैन वाटर हार्वेस्टिंग	
• हेण्ड पम्प	
• कुआ	
• मंदिर	
• कभरा पेटी	
• तालाव	
• नदी	
• पक्की सड़क	
• सी.भी. सड़क	
• कच्ची सड़क	
• पानी का जमाव	
• हेण्डपम्प में सोला	
• Damage सोला	



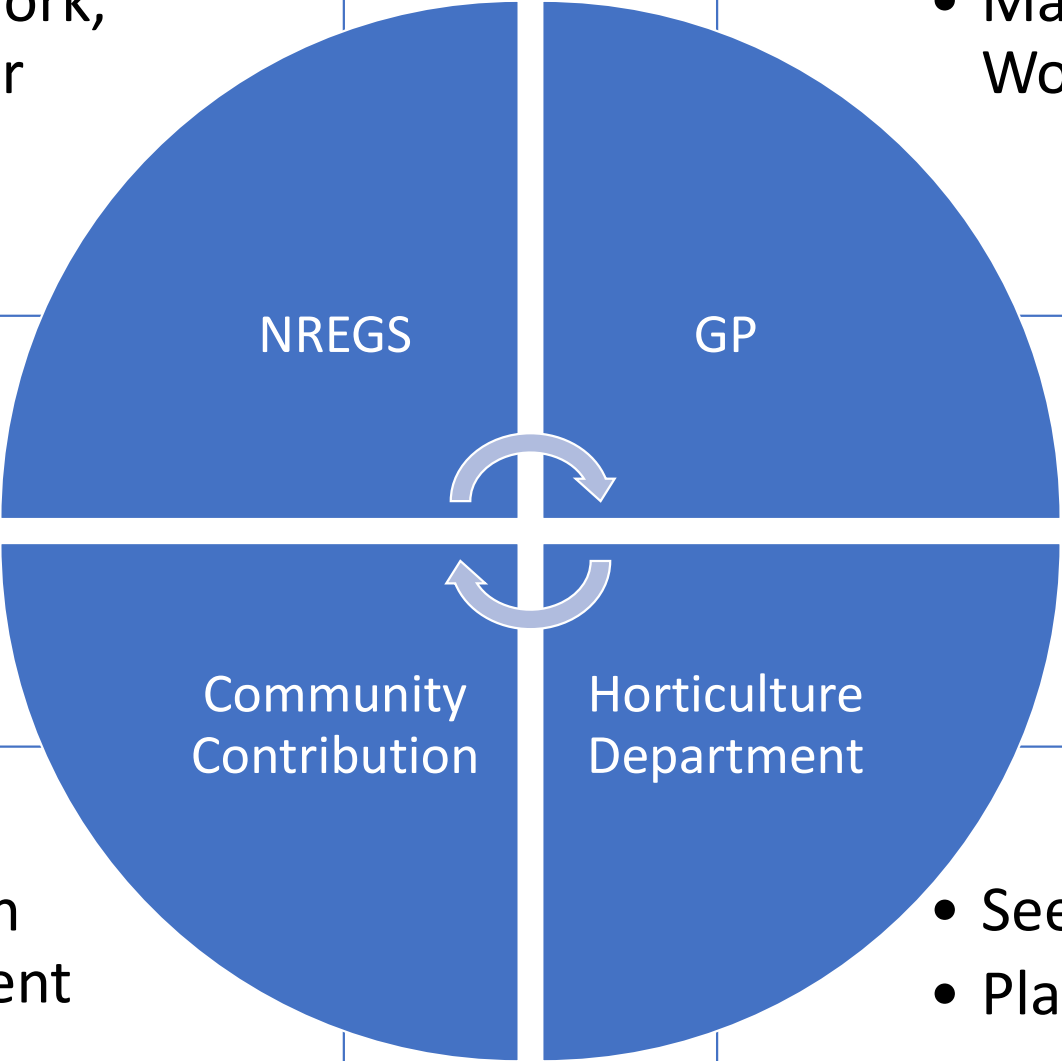
# Budgeting & Convergence



Source	Intervention	Unit	No of HH	Cost @ Unit	Total Budget	NREGA Fund	GP Fund	Community Contribution
<b>Gry Water</b>								
House Hold Level	Waste Water Filtration	No of HH	103	2,500	257,500	103,000	103,000	51,500
	Kitchen Garden Development	No of HH	10	6,500	65,000	40,000	-	25,000
	Plantation/Banana Plant	No of HH	7	3500	24,500	7,000	17,500	-
	Lich Pit	No of HH	0	0	-	-	-	-
	Drain	No of HH	0	0	-	-	-	-
Community & intitution Level	Waste Water Filtration	No of place	11	12000	132,000	19,800	106,700	5,500
	Community Level Plantation / Banana Plant	No of place	11	10000	110,000	19,800	84,700	5,500
	Drain	0	0	0	-	-	-	-
Sub Total					589,000	189,600	311,900	87,500
<b>Black Water</b>								
House Hold Level	Lich Pit	No of HH	36	3500	126,000	36,000	-	90,000
Institutional	Evapotranspiration pit	No of HH	2	10000	20,000	-	20,000	-
Sub Total					146,000	36,000	20,000	90,000
<b>Grand Total</b>					<b>735,000</b>	<b>225,600</b>	<b>331,900</b>	<b>177,500</b>

- Soil Work, Labour Work

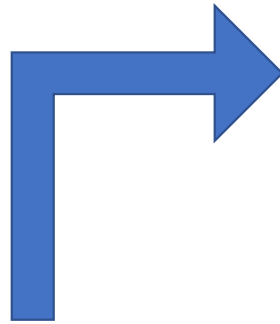
- Material Work



- Mason Payment

- Seed, Plants





## Gray Water

Selection of simple method & process for Waste water Management

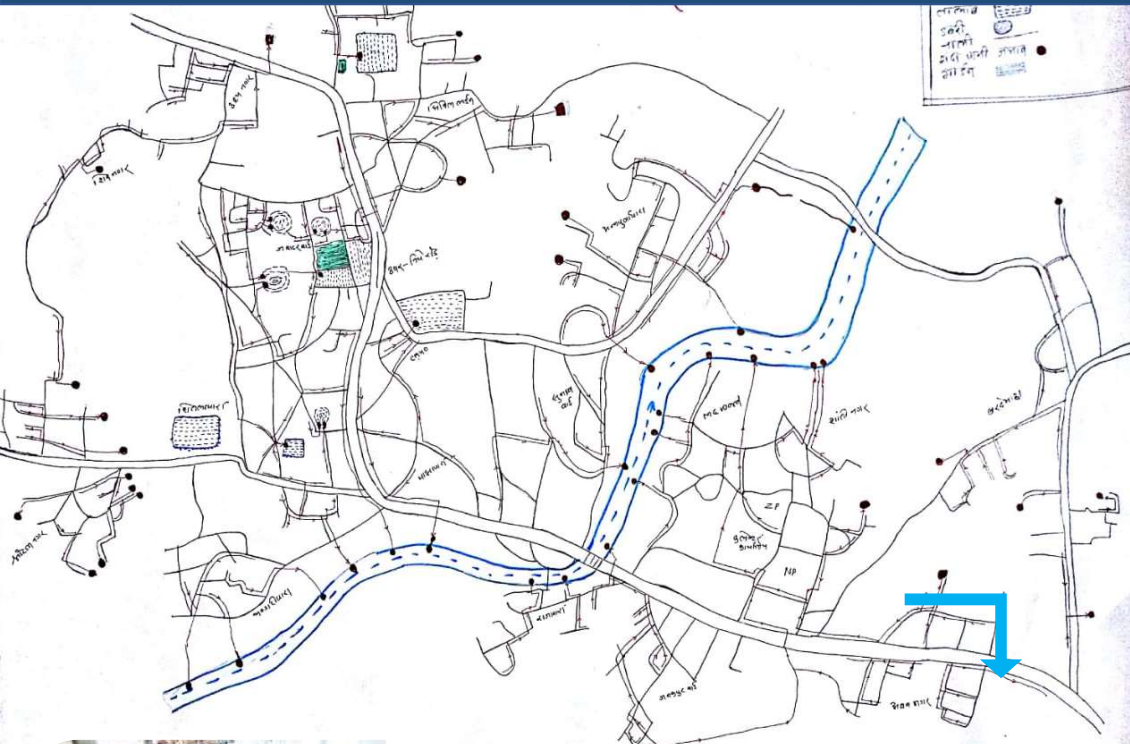




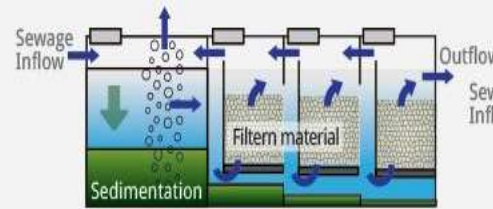




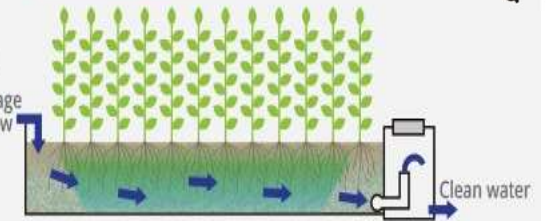
# Wastewater filtration



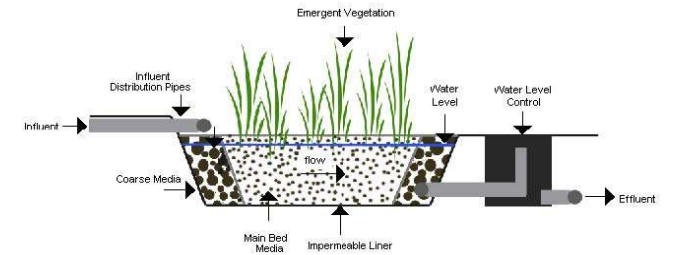
3. Anaerobic Filter



4. Planted Gravel Filter



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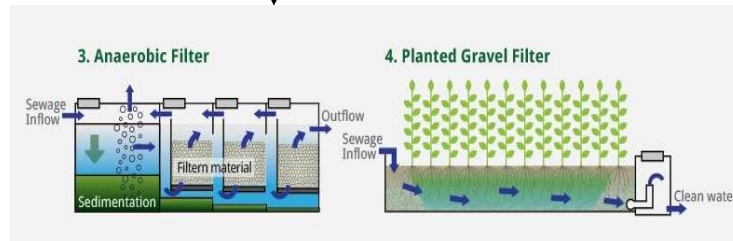


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11.507003  
24.4111  
1m  
2019.10.25





# Black Water Management





# Role of GP, VWSC, SHC & CBO's

