Project Report NABARD-RIDF

Watershed Planning And Methodology Field Experience Sharing Virtual workshop 2021

Name of the Project:- Soil and Water Conservation Plan

Block:-Boarijor

District:-Godda

Implemented by:- Jharkhand state watershed mission

Name of PIA :- GRAMIN VIKAS TRUST, KRIBHCO

Presented By:- Sonali

झारखण्ड जलछाजन

GVT

Striving for improved & sustainable livelihood

ग्रामीण विकास ट्रस्ट

GRAMIN VIKAS TRUST

(Promoted by KRIBHCO

Objective of the Project:-

- Restoration of 3.9 lakhs ha upper reaches of 24 blocks through mega watershed treatment.
- Improving crop intensity in 1.50 lakhs ha land.
- Building capacities and knowledge of 4000 frontline functionaries of panchayat raj institution, communities and civil society organization

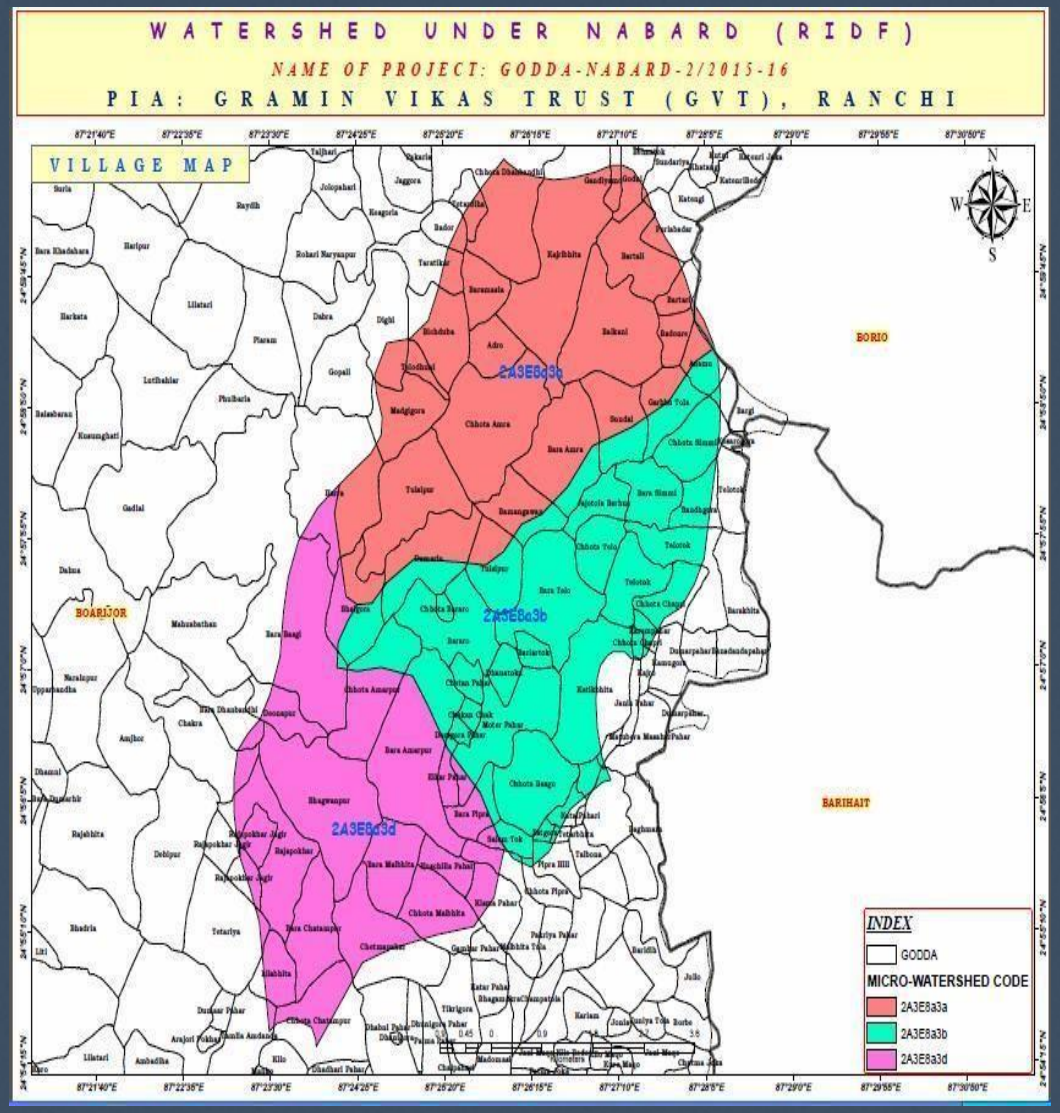
Boarijor case study

- Crops :-Paddy, Pulses-oil seeds, cereals, vegetables, horticulture
- Predominantly tribal population
- 92% engaged in agriculture.
- High seasonal migration
- Economically one of the most backward district
- 57% arable land including cultivable fellow and
- 18% notified as forest land.

Planning & Implementation

Three step IWMA model approach

- Resources Mapping using Geographical Information System
- Appropriate Technology
- Management Information System

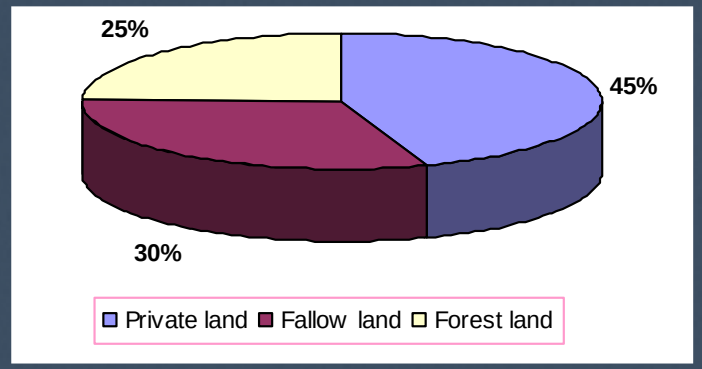


Development Issues

- Limited natural water bodies in the village.
- Lack of financial assistance
- Lack of ownership of the community
- High degree of dependence on the government machinery for function
- Large scale deforestation in the catchments leading to siltation of tank beds.
- Absence of decentralized water resources and basic infrastructure facilities

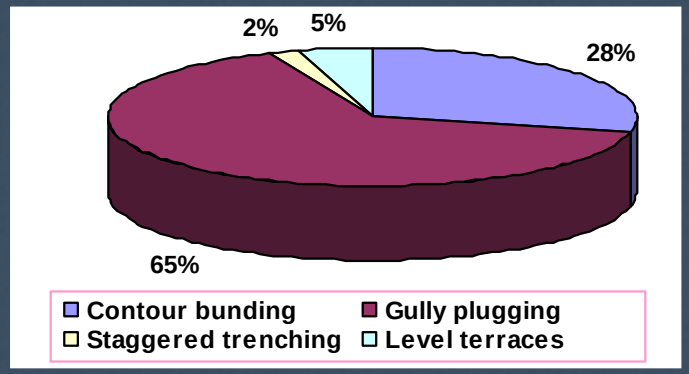
Water Conservation

Water conservation interventions includes contour trenches, gully plugging, vegetative and field bunding, percolation tanks.



Type of land ownership for soil and water conservation measures

Overall land treatment against potential area is varying between 40 -60%.



Techniques of soil and water conservation measures

- **DPR (Soil & Water Conservation) of the select Tola/ village**

Consolidation table of Soil and water conservation works (ODK app data)
(S.N./ Name of the work/No. of units/Unit cost/Total Budget)

S. no	Activity	ha and no.	Unit Cost	Amount in lac
1	TCB	110 ha	0.30	33.00
2	FB	40 ha	0.30	12.00
3	Land Leveling	30 ha	0.30	9.00
4	Ponds	6	6.00	36.00
5	Dhoba	10	1.20	14.00
6	30*40 model	40	0.05	3.00
7	Plantation	20 ha	0.60	13.00
	Total Budget			120.00 lac

Concluding Remarks

The integrated watershed management approach have the following major components: -

- Promote sustainable economic development through optimum utilisation of natural resources and local capacity building.
- Restore ecological balance through community participation and cost affordable technologies for easy acceptance.
- Improving living conditions of the poorer through more equitable
- Resources distribution and greater access to income generating activities.

THANK YOU…….