Mini Solar Pump for Women Farmers
Quarterly Update Presentation
GOAL AND OBJECTIVES

1. Reduce Carbon Emission
   - To Mitigate Climate Change

2. Conserve Natural Resources
   - Water and Soil
   - To connect marginalised farmers with access to clean energy and finance

3. Enhance the quality of life of marginal farmers
   - To reduce groundwater overuse
   - To Increase income of marginal farmers
UNIQUENESS OF THE PROJECT

Promote the adoption of micro solar pumps through awareness and capacity building.

Create an ecosystem consisting of technological and financial innovations.

Establish Revolving Guarantee Fund (RGF) for micro solar pumps lending towards women farmers.
Women farmers with land holding less than 1 acre are selected

Mobile micro solar pumps with drip irrigation

Pre-Operative Activities

- Block Level Meeting
- Collection of Data from SHGs
- Exposure Visits
- Identification of Progressive Farmers
- Installation of Pumps
- Formation of Water User Groups
Demonstration Visit at North 24 Paraganas
4 Targets and Achievements

**Identification Project Sites**
- Target: 120
- Achievements: 100

**Setting up Revolving Guarantee Fund**
- Target: 1
- Achievements: 1

**Installation of Solar Pumps**
- Target: 20
- Achievements: 5

**Formation of Water User Groups**
- Target: 10
- Achievements: 5
Sensitization of Self-Help Groups at Jharkhand
Sensitization of Women farmers at Purulia
FUTURE PLAN OF ACTION

- **Installation of Solar Pumps**: 15
- **Repayment of Loans**: 20
- **Monitoring and Evaluation**: 15
- **Operation and Maintenance support**: 20
LEARNINGS

1. Revolving Guarantee Fund provides solar loans without any collateral to women farmers.

2. Solar pumps should be promoted with drip irrigation to increase groundwater efficiency.


4. Water User Groups are given basic training on O&M.
THANK YOU
FOR YOUR ATTENTION!

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