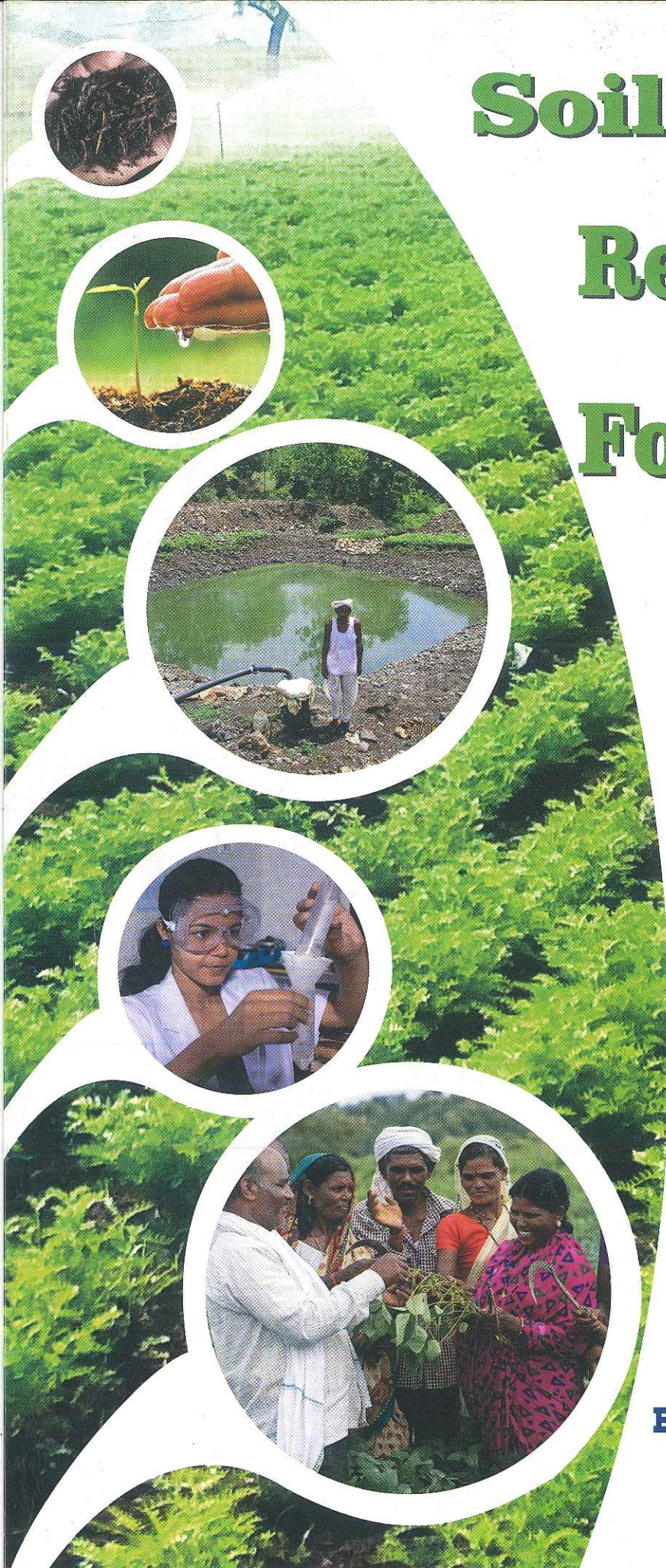


Soil Protection and Rehabilitation for Food Security in India

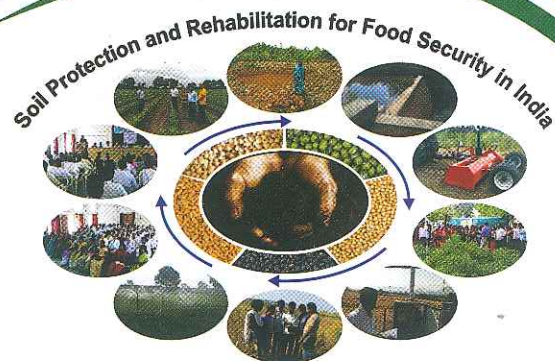
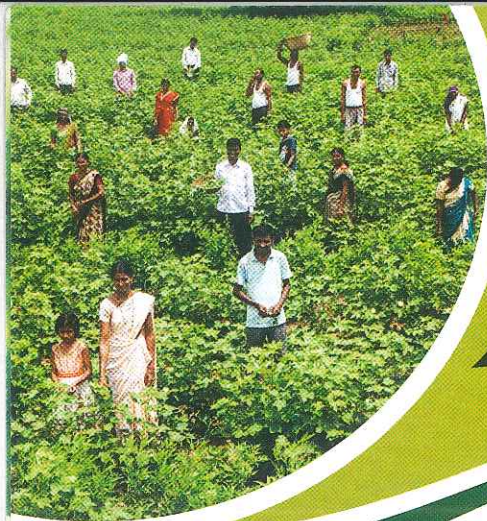


giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



BAIF Development Research Foundation





Introduction/Background

The Federal Ministry for Economic Cooperation and Development (BMZ) has commenced "One World No Hunger" initiative in 2014-15, with a strong objective that "A World without Hunger is possible".

The Soil Programme is one of the three major programmes, being run in India and four other countries (Burkina Faso, Benin, Ethiopia and Kenya). The project on Soil Protection and Rehabilitation for Food Security in India, sponsored by GIZ, is a part of Soil Programme under "One World, No Hunger" initiative.

The soil programme aims for Approaches for soil conservation and rehabilitation are implemented on a broad-scale and this covers -

- Implementing soil conservation and rehabilitation measures based on field-tested Approaches
- Mainstreaming the issue of soil health into national policies, strategies, planning processes and incentive systems
- Knowledge management, capacity development and networks on soil protection and rehabilitation

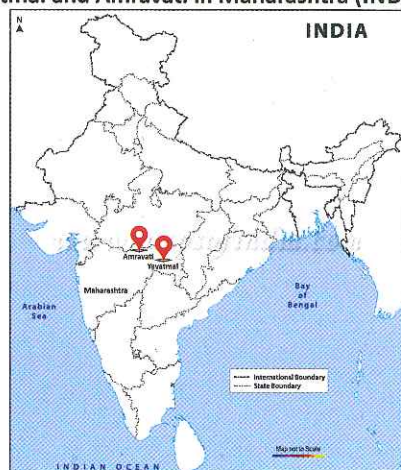
Objective

"Sustainable and inclusive approaches for soil conservation, rehabilitation of degraded lands and improved soil health have been implemented in select locations resulting in enhanced crop productivity".

Project Area

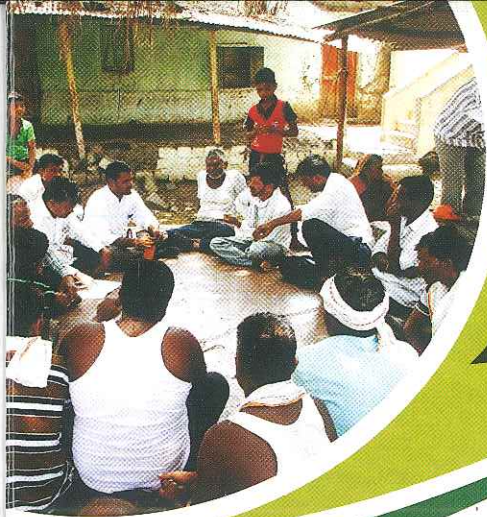
This project with BAIF is being implemented in 14 villages of Ralegaon, Ghatanji and Morshi blocks of Yavatmal and Amravati in Maharashtra State.

Project Location Map Yavatmal and Amravati in Maharashtra (INDIA)



Project Area Details	
No. Of Villages	14
Total Area (Ha)	10538.16
Cultivable Land (Ha)	7549.15
Total No. Of Families	3797
Population (Nos)	15577





Major Interventions

In order to address issues in the project area and to achieve the project objective following interventions has implemented by BAIF Development Research Foundation, pune.



Soil Testing



Biofertilizer & Biopesticide



Vermicompost



NADEP Compost



Wheat Intensification



Drought Tolerant Variety
Asha- Pigeon Pea



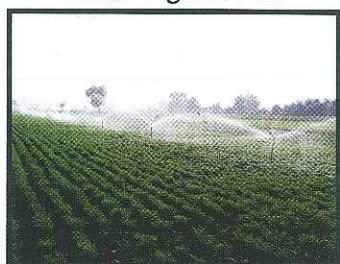
Introduction of New Crop



Crop Diversification



Farm Pond



Sprinkler



Solar Pump



Peddle Pump



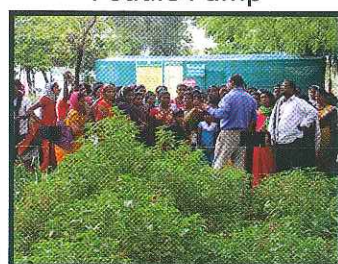
Laser Land Leveller



Check Dam

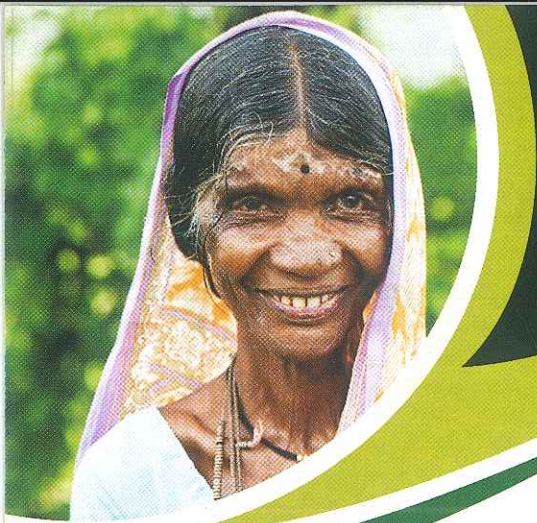


Broad Bed Furrow

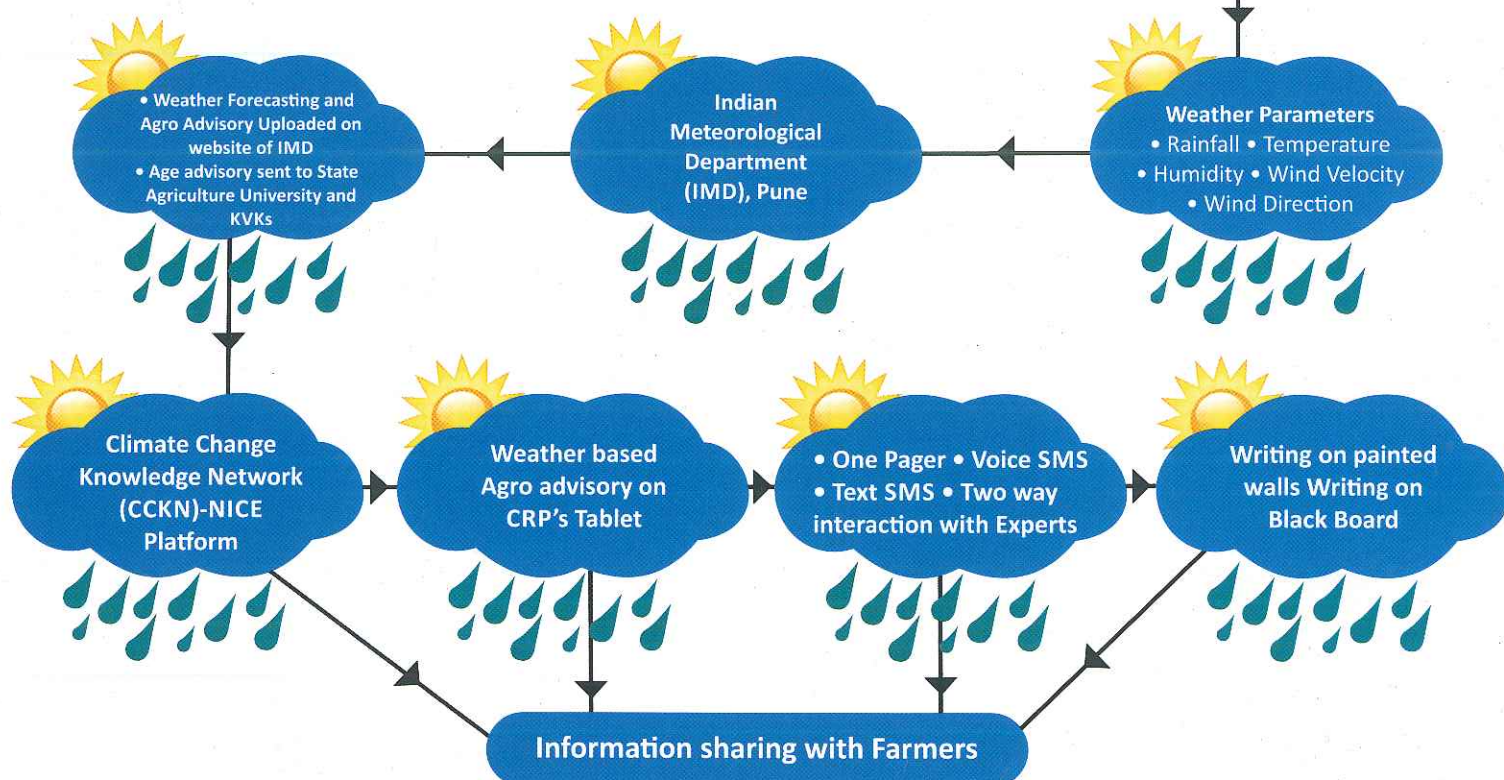


Capacity Building
KVK Training





Model of Weather based Agro Advisory



Expected Outcomes

The following outcomes are expected by implementing various natural resource conserving and productivity enhancement measures through selected project activities-

- Improved Soil Health
- Enhanced crop productivity for assured food security
- Increased participation of women

BAIF Development Research Foundation

BAIF is a reputed voluntary organisation established in 1967 by Dr. Manibhai Desai a disciple of Mahatma Gandhi at Uralikanchan, Pune. "BAIF works for upliftment of rural poor in India covering about 5 million families across 15 states through land, water and livestock management."

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