



Club no: 15535 | Dist No. 3131

Rotary



# Rotidings



Bulletin of Rotary Club of Pimpri | July 2023 | Issue 02

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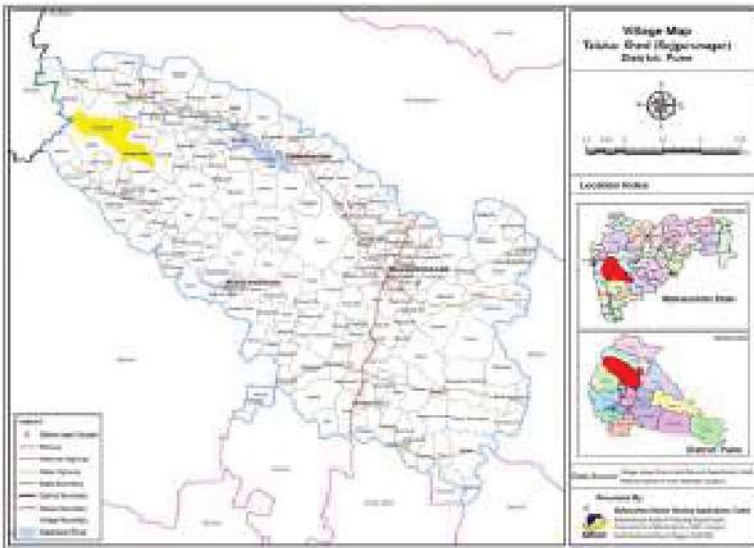
## Rotary Pimpri Happy Village Project



BAIF Institute for Sustainable Livihoods and Development

Project Aiming: To Empower Rural Families by Adoption of Different Technologies For Self-reliant And Prosperous Village.

### Project Location



### Villages-Kharpud and Khopewadi of Khed Block of Pune District



### Our valuable Partners in this Mega effort are:

- Tata Motors : construction of Group wells for drinking water purpose.
- Muskan Foundation : contribution towards GG 2093574 and partnership for future Projects.
- BAIF : NGO implementing the Watershed management and Agriculture initiatives.
- Bosch : CSR Partner

### Our International participating Rotary Clubs and Rotary Districts:

- Rotary Club of Charleroi-Val de Sambre, Belgium
- Rotary Club of Fort Collins, After Work, USA
- Rotary Club of East Hampstead, UK
- Rotary Club of Aestia(22282), Italy
- Rotary Club of Atessa-Media-Val de Sambre(23338), Italy

### Our Indian participating Rotary Clubs:

- Rotary Club of Pradhikaran
- Rotary Club of Hillside
- Rotary Club of Sarasbaug

### Participating Districts:

- District – 1090
- District- 1358

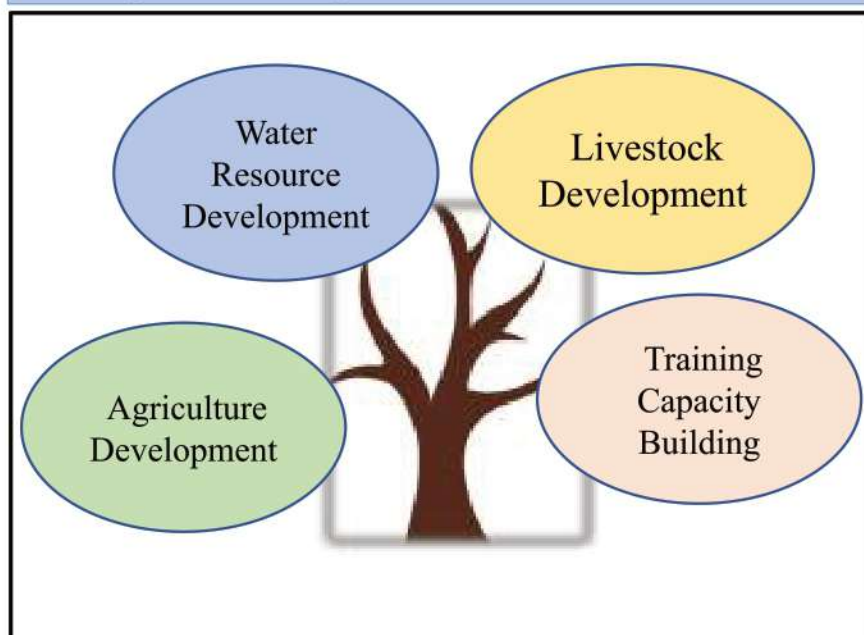


### Challenges in Kharpud and Khopewadi village

- Undulating topography
- Low soil depth, high erosion hence low productivity
- Scarcity of water for drinking as well as for agriculture in winter and summer months
- Rain feed agriculture
- Poor agriculture production due to absence of new technology
- Absence of quality breed and scientific livestock management practices
- Lack of opportunities for livelihood and employment and hence migration adopted as a coping mechanism



### Project Components and Activities



#### Water Resource Development

- Farm ponds with lining
- Check dam repair
- Irrigation well and Solar lift irrigation

#### Agriculture development

- Plantation of fruit trees on bunds
- Mixed farming/ Vegetable cultivation
- Improved paddy cultivation
- Bamboo Nursery
- Agroforestry
- Drip irrigation system

#### Livestock development

- Deworming
- Vaccination for ET, HS, PPR, FMD
- Ectoparasite control
- Concentrate feeding to elite bucks
- Introduction of good management practices

#### Training and capacity building

- Training programme for farmers
- Exposure visits

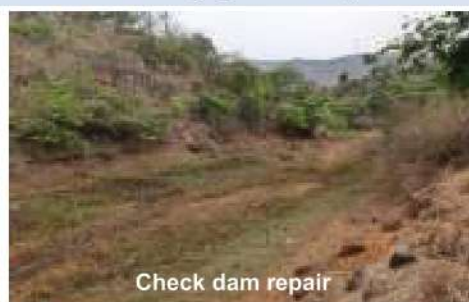


## Water Resource Development cont...

### Activity completed (Kharbud)

#### Check dam repair - 1 check dam has been repaired

- Total budget – Rs 4,66,000/- Budget utilized –Rs 2,52,652/-
- Total number of beneficiaries covered -10
- Area under irrigation – 10 acre
- Specification of check dam -  
Size of check dam – Length 22.50 m. Height 2.60 m  
Water storage capacity- 90 lakhs litres of water storage potential rejuvenated



Check dam repair



## Check dam repaired Benefits

- Available assured water for drinking for the animals and agriculture up to May month
- 10-acre area under irrigation through **Check dam repaired** and farmers cultivating vegetables
- Increase in cropping intensity



Latitude: 18.650115  
Longitude: 73.501002  
Elevation: 781.78+100 m  
Accuracy: 9.7 m  
Time: 05-01-2023 12:33  
90% vegetation coverage



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Rotary Pimpri



# Happy Village Project



BAIF Institute for Sustainable Livelihoods and Development

## MoU Signed with Rotary Club Pimpri and BAIF



Project period- 3 years (2022-2025)  
Project budget- Rs.70.04 lakhs

## Economic Metrics ( Estimated 2023-2026)

S.No	Activity	2016	2023	2024	2025	2026
1	Kharif Rice crop	Y	Y	Y	Y	Y
2	Additional Rabi crop	N	Y	Y	Y	Y
3	New Vegetable Crop	N	Y	Y	Y	Y
4	Live stock , Goats	Y	Y	Y	Y	Y
5	Live stock , Poultry	N	Y	Y	Y	Y
6	Cattle & Milk	N	Y	Y	Y	Y
7	Horticulture	N	Y	Y	Y	Y
8	Agro forestry	N	N	N	N	Y
		25-50 K	2.0 L	3 L	4 L	5 L
9	Bamboo & Utility Artifacts	N	N	N	N	Y
10	Job Opportunities , Rotary	N	N	N	Y	Y
					1.5L	2L
		25-50K	2.0 L	3 L	5.5 L	7 L
11	Vocational SSC with NGO	N	N	N	N	Y
12	Vocational trades from Bosch	N	N	N	N	Y

## Water Resource Development

**Problem Statement** Lack of access to water for drinking to the animals and agriculture in winter and summer seasons

**Solution** Farm pond with lining, check dam repair and solar lift irrigation with open well are the steps towards the availability of more water to families for agriculture and drinking for animals

### Activity completed (Khopewadi)

**Farm ponds with lining** – 4 farm ponds has been constructed

- Total budget utilized – Rs 2,85,000/-
- Total number of beneficiaries covered -12
- Specification of farm pond-
- Size of pond – Top 22.5 x 22.5 m. bottom 14.2 x 14.2 m
- Water storage capacity- 8.5 lakhs litres of water storage potential/pond

### Benefits

- Total rainwater harvested 34 lakh litres/ year.
- 2-Acre area under irrigation through **farm ponds** and farmers cultivating vegetables
- Drinking water is available for the animals, as well as irrigation for the fruit trees

