

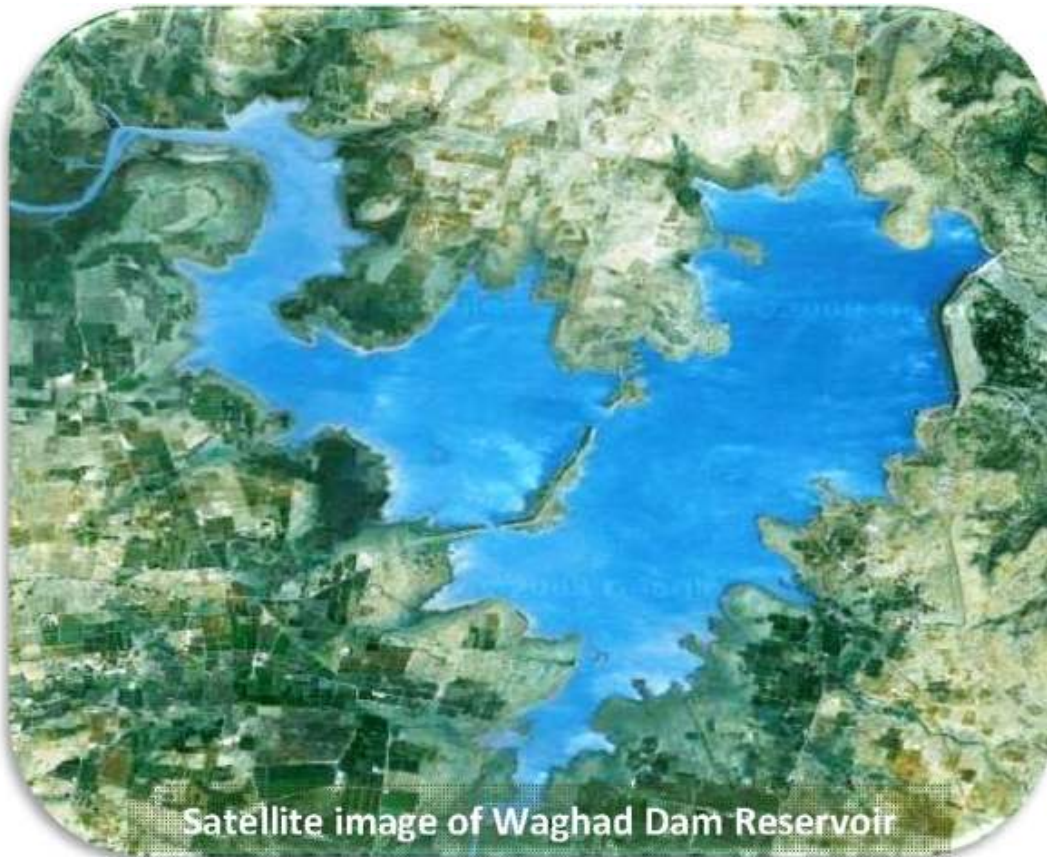
# Waghad

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## WAGHAD Irrigation Project





Satellite image of Waghad Dam Reservoir

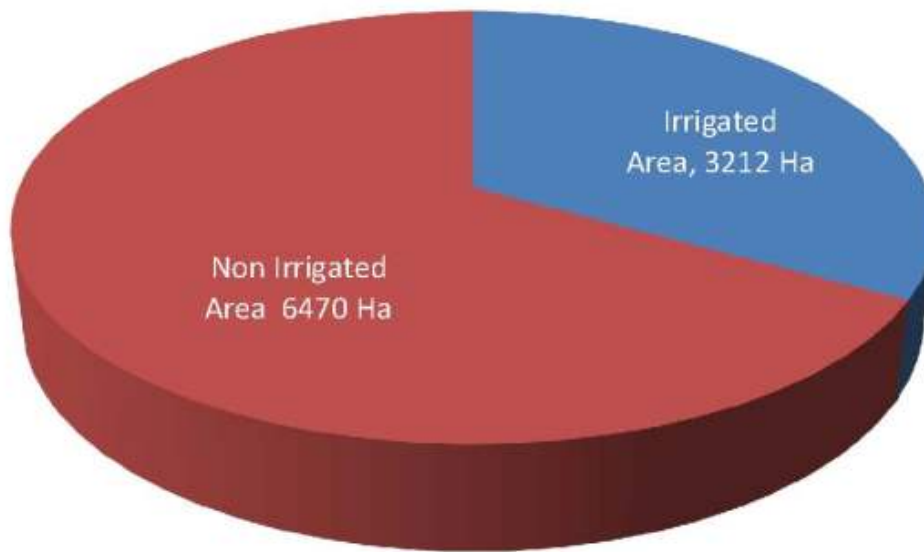
Waghad Irrigation Scheme, commissioned in 1981, is located in Nashik district of Maharashtra.

The scheme's cultivable command area is **9642** ha.

It caters to Irrigation needs of **15926** small farmers.



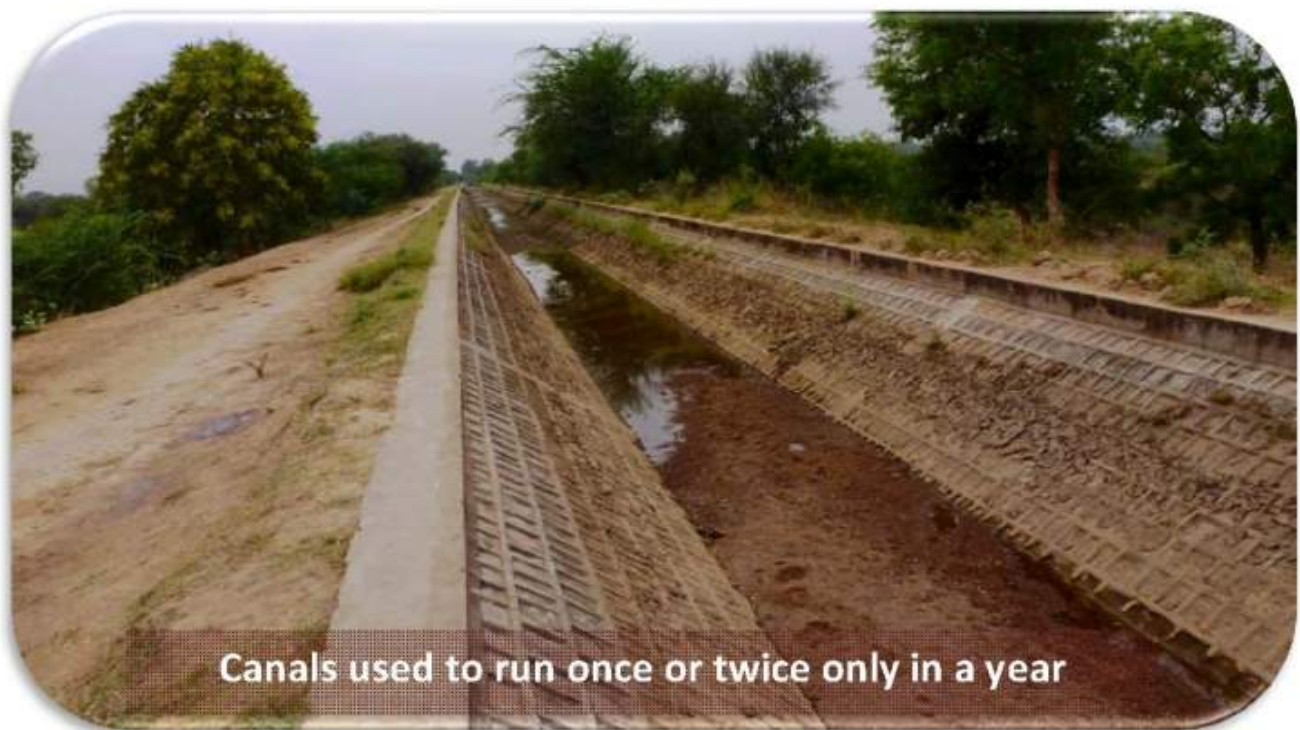
## Pre-PIM Scenario



Only 34% of command area getting Irrigation

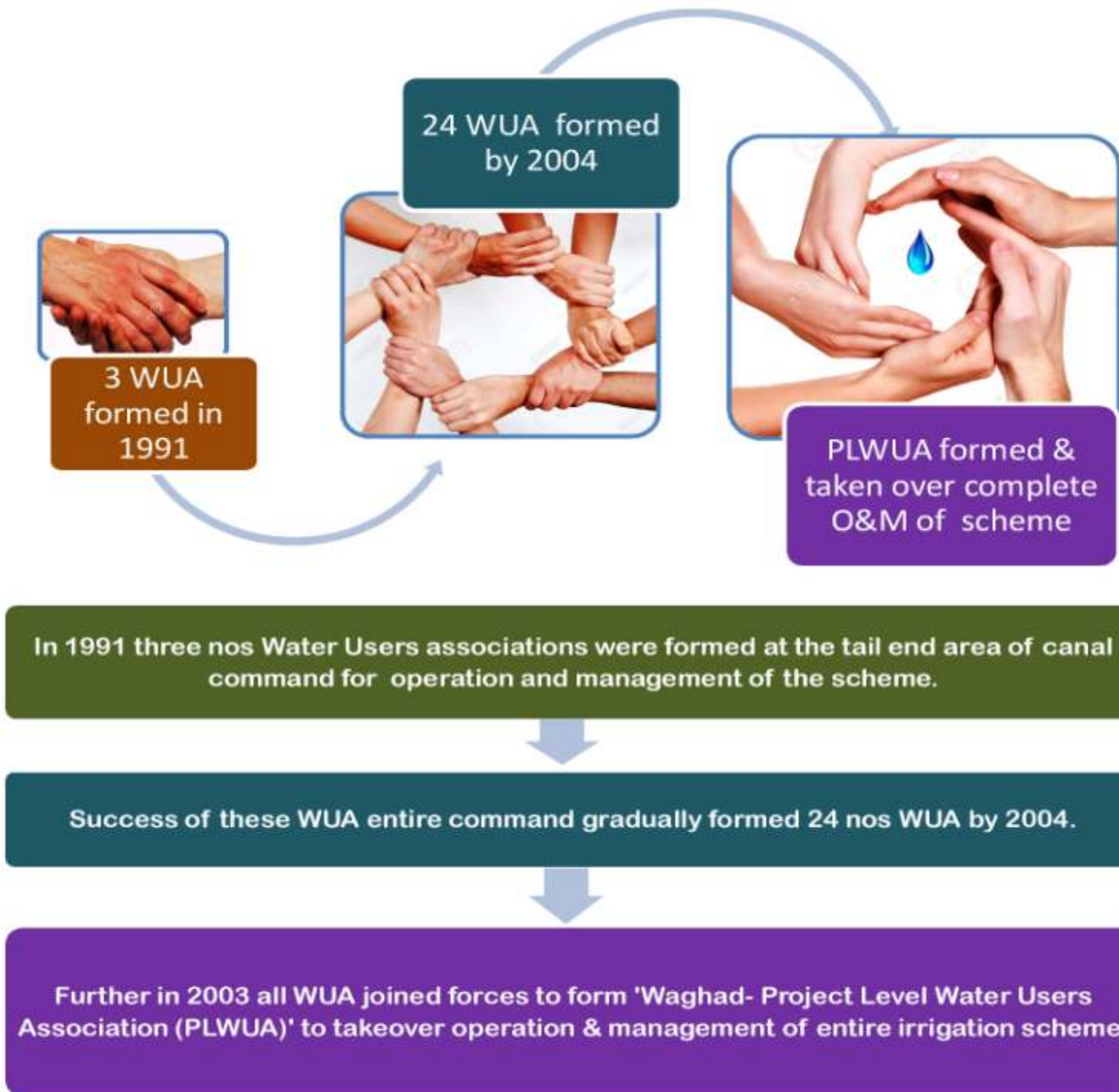


Tail end farmers deprived of Irrigation water





## Transformation through Participatory Irrigation Management



## Salient Features of PIM in Waghad Project





Cut Throat Flume for Water Management

- Supply of Irrigation water on volumetric basis.
- Water measurement by Standing wave flume & Cut throat flume.
- Canals run 5-6 times in a year.



- Tail to Head Irrigation is being practiced for last 25 yrs.
- This has led to the trust building for PIM in tail ender farmers who generally are deprived of irrigation water.



- During rotation period, some canal water is stored in Nalas and small check dams leading recharge of ground water which promotes conjunctive



use of water leading perennial  
cropping .



- Availability of water ensured cultivation of diverse crops and cash crops.
- 50% command area is perennially cultivated.
- Farm labor employment increased to 10 months/year.



- Annual report published by WUA is mirror image of yearly working of WUA.
- Copy of it is given to every beneficiary eight days before of annual meeting to enable him to enquire any aspect during meeting.



- Frequent meeting with Government/training officials for adopting better practices.
- Meeting of PLWUA and Government officials in October for fixing the water quota as per availability of water in dam.





- Involvement of women in WUA is must.
- At Waghad , 72 women are working as a member of board of directors in 24 WUAs.
- 24 women are Chairpersons in respective WUA.



- Computers are being used in Waghad PLWUA for keeping data.
- Mobile handset options to determine WUAs entitlement base water quota for rotation are being used. Website of PLWUA is also being maintained for information to public: [www.waghadproject.org](http://www.waghadproject.org)



- Farmers have become confident and are now trying new initiatives and ideas,
- By forming Waghad Agricultural Producer Company (WAPCO) production and marketing of processed vegetables has been started by farmers.







Next Case Study >>  
Saguna Rice Technique - SRT