

D. Participatory Irrigation Management:



Sardar Sarovar Narmada Nigam Ltd (SSNL),
Gandhinagar, Year- 2013-14 to 2023-24

Irrigation is the lifeline of agriculture, especially in a country like India where water resources are often scarce. But what if the very people who depend on water for their livelihoods could play a crucial role in managing these resources? This is where Participatory Irrigation Management (PIM) comes into play. PIM involves the active participation of farmers in the management of irrigation systems, aiming for better water use efficiency and sustainability. PIM is an approach where farmers, as the primary users of irrigation systems, are actively

involved in all aspects of managing these systems, from planning and operation to maintenance and governance.

Objectives:

- PIM aims to improve efficiency of water usage
- Enhance agricultural productivity
- Ensure equitable distribution through Water Users' Associations (WUAs) or Water Management Cooperatives.



Output and Outcome

- In Ahmedabad district, PIM was implemented in 10 villages of Dholaka taluka and 4 villages of Dhandhuka taluka, forming 13 and 4 Water Management Cooperatives, respectively. A total of 1,593 members participated from each taluka in 10 exposure visits and over 100 meetings, covering 4,811 hectares in Dholaka and 5,046 hectares in Dhandhuka.
- In Patan district, 4 villages in Chanasma and 17 in Radhanpur were involved. There were 1,376 members in Chanasma and 2,034 in Radhanpur, with over 80 and 300 meetings held, 4 and 8 exposure visits were held respectively. The program covered 3,785 hectares in Chanasma with 11 cooperatives and 6,836 hectares in Radhanpur with 15 cooperatives.
- In Surendranagar district, 13 villages in Limdi taluka participated, covering 4,968.13 hectares with 2,260 members and included 6 exposure visits and 80 meetings.
- In Kutch district, PIM was implemented in Anjar taluka across 12 villages, covering 6,417.74 hectares with 16 cooperatives and 2,956 members, along with over 4 exposure visits and 320 meetings.



Details of Participatory Irrigation Management (PIM)

District	Taluka	No. of villages	No. of Co-operatives	Total No. of members	Covered land for irrigation (Hectares)	No. of Visits	No. of Meetings
Ahmedabad	Dholaka	10	13	1593	4811	10	100
	Dhandhuka	04	10	1593	5046	10	100
Patan	Chanasma	04	11	1376	3785	04	080
	Radhanpur	17	16	2034	6836.39	08	300
Surendranagar	Limdi	13	08	2260	4968.13	06	080
Kutch	Anjar	12	16	2956	6417.74	04	320
Total		60	74	11,812	31,864.26	42	980