

## MAKING EVERY DROP COUNT UDAIPUR, RAJASTHAN



Use dispart Dottick in the State of Rajasthan in a water scarce area in the middle of Anzvalli Mountain Ranges. With very limited annual minfall, the population of the district is overwhelmingly dependent on ground water to meet its domestic and non-domestic water needs. It is no surprise that the annual walkness of o'vater from underground aparliers is much more than the annual rainfeld repleasibnense. This has caused a severe downward impact on the water that Banjastry of books of the distorts have been categorised as vulnerable, or over exploriet, in this context. Challenges possed by demand derive depthen on greand water resources and the prospect of imministe severe water scarcity, or a straight forward dought, were sensite insideed. To minignic these proposers, a special insidire was conceptualized to make vallage of Ushigue clusters self-reliant in terms of their sources of water. This effort included not only the relevant Converments agrees is and general public, but also corporate, social and religions cognisistics of the region. It is not that efforts had not been made in the past to achieve he same goals. What differentiated the new insiniter from past efforts was that selection of works to be the executive sus done structly on the basis of a scientific analysis that achiered to it folgs to valley approach." The project was noted on with concentral efforts insorbing all stakeholders to make it is mass movement. All powers of execution were concleded to the Grama Bohlas to without componenting on the impressive of scientific planning and measurewing. U

- The project followed a systematic process to achieve its stated objectives. This included:

  A multilayered review & examination of project proposals before ratification of all DPRs.
- A scientific assessment of minimum basic water requirement of each village.
   Working out the present status and deficit assessment.

Conducting survey of clusters by joint toam of all stakeholder line departments with active involvement of locals. Monitoring the survey on Wappoint software mobile application.
Identifying probable interventions to bridge deficit.
Preparation of DPRs recognizing local parameters and conditions.
Initially, model DPRs were prepared for one village in each of the 10 agno-climatic zones of the state. These DPRs were prusp for a review and endocement by the Gram Sabhas. All works proposed for execution were go-togged for regular monitoring.
The overwhelming emphasis of the project was not waterold development activities in a scientific manner. Each and every DPR was thoroughly scriptized to statin maximum accuracy. This was done though convergence of experies and experience of all relevant line departments of the State Government namely Water Resources, Panchastra Ekg, Rantal Development, Forests, Public Health Engineering, Agriculture and Horticulture.

and restricturies.

Each work was goo-tagged, a task that required considerable effort, to establish authenticity/vensity corrobouring facts of structures for monitoring and quality control. Physical tensor whose was perfectly a structure of the perfect of the campaign was its character of a mass movement. All the stateholders were mobilised under one unbriefle to peri in their efforts to make the movement as uncers. People did Stemmelaus (voluntary labous) with enthusiasm, and almost all sections of the society inchalling entities, and crist overlett perfectly only the perfectly of the period of the perfectly of the period of the

## OBJECTIVES

- ENHANCING WATER SECURITY OF UDAIPUR DISTRICT.
- TO STEM DROP IN GROUNDWATER LEVELS BY REDUCING DEPENDENCE.
- TO AGUMENT INFRASTRUCTURE AND REJUVENATE Water Bodies for ensuring round the year Availability of Water for Various Needs.

On the supply side, ground water levels improved to an extent of 2.24-2.35 Mrs. The surface water stonge also saw a net increment of 1920/67 TCM along. This was due to additional interception of 53785 TCM of mossoon precipitation.

The annual side the project led to a reduction of \$6.13% in tunker deployment between 2015-16 & 2016-17. The number of defunct handpumps in 2018-19 was just 47.8 % of the same in year 2017-18. This led to an increase of corpging uses (6.6 % in Ruh, 12.49% in Khanfi, and 3.7%) in zayad) in the areas covered by the project. In has sho de to sevical of 18 mbeered 6.6 019 Cope Wils in the intercoince areas in year 2017-18. The contenues intend above ever verified by an independent agency i.e. the Rajasthan Kiver Bosin & Wiser Resource Planning above.

This initiative to promote self-enlance in water has been well received not only by local people but even by several foreign digitalized who have since visited the district including the Deputy Prime Minister of South Africa. Many autional & state media teams have also covered the project. Several 3rd party seriews, state level quality control issun reports and RAD state level impection reviews have held the project in good stead.

The initiative has helped Udaipur turn a new leaf in its water management efforts through effective and sustainable water conservation and restoration of water harvesting structures. Plans are now afoot to replicate the success of Phase 1 in other villages of the district.

