



# **CASE STUDY OF RAJASTHAN – STATE STRATEGIES**

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## **A Water Conservation Campaign**

- **Time Bound Campaign in Mission Mode**
- **1592 Blocks in 256 Districts.**
- **Intervention Areas:**
  - **Water conservation and rainwater harvesting**
  - **Renovation of traditional and other water bodies/tanks**
  - **Reuse and recharge structures**
  - **Watershed development**
  - **Intensive afforestation**

# Changing Waterscape of Rajasthan

## Attaining Water Self Reliance



- 10.4% geographical area of country
  - 61% area of the State is desert “The Thar”
  - 30% of the State’s area under wastelands
- 5.5% population of the country
- 1.16% of surface water
- 1.72% of ground water
- Precipitation varies from 100 mm upto 1000 mm.

# Changing Waterscape of Rajasthan

## Attaining Water Self Reliance



- Integrated catchment and command area development
- Four Waters Concept
  - Rain water
  - Surface water
  - Ground water
  - Soil moisture
- Use of technology from survey stage to execution
  - Geo-tagging and use of mobile applications
- Mass movement involving all stakeholders
  - Line Departments, NGOs, Corporate, Shramdaan (Labour by people)

# Changing Waterscape of Rajasthan

## Attaining Water Self Reliance



### ■ Direct Impact

- Enhanced monsoon water interception (quantum)
- Increase in storage capacity
- Improvement in potable water availability for people and livestock
- Rejuvenation of defunct hand pumps, tube wells, open wells
- Increase in crop area, orchards

### ■ Indirect Impact

- Increase in green cover
- Increase in ground water
- Increase in soil moisture

# ANICUT AS SEEN IN JULY



Pali

India



LONGITUDE  
74°21'3"E

LATITUDE  
26°13'1"N

Saturday, 13 Jul 2019

34°C  
10:58 AM





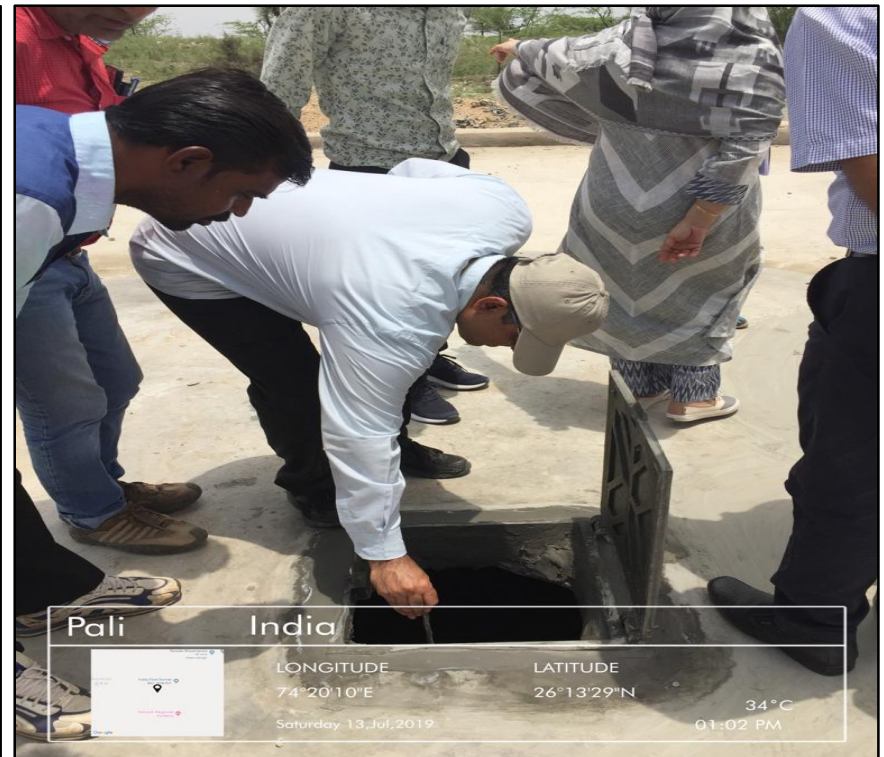
# ANICUT AS SEEN IN AUGUST







# TANKA



# TANKA



# SARAN – VILLAGE KUNDAL, BLOCK BALI, PALI



# RECHARGED POND



Pali  
Tuesday 20.Aug

India

04:45 PM

LONGITUDE  
LATITUDE

74°11'53"E  
26°4'22"N

**THANK YOU**