



WATER SUFFICIENT VILLAGE PROJECT-DRIVEN BPDP & DPDP

WORKING GROUP 6

Chairperson: Shri Y.DHOSI Reddy

Co-chairperson: Shri Shivshankar Bharsakale



INTRODUCTION

WATER, WATER EVERYWHERE NOR A DROP TO DRINK

Vision: *A village with functional house tap connections all, with targeted standard of quality water supply, good water management and abundant water availability for agriculture and all needs, and conserving its water ecosystem.*

Local Goals:

- Access to adequate & clear water to all and potable water facilities.
- Access to sanitation facilities in the villages.
- Ensure 100% usage of Individual Household Latrines.
- Develop a mechanism for grey water treatment & purification.
- Ensure 100% ODF.
- Address groundwater depletion, arsenic contamination, rainwater harvesting and groundwater recharge.
Maintain the ecosystem through the conservation of natural resources.



CONTI...

Local Action Points

- Ensure adequate & safe piped water supply to all HHs.
- Avoid contamination of water.
- Ensure rainwater harvesting
- Promote Water conservation for rain-fed agriculture.
- Plan for Waste water recycling mechanisms
- Strengthen community for monitoring the conservation of water bodies.
- Monitor regulation on water extraction based on demand-yield match.
- Plan & Monitor water distribution networks.
- Recharge of groundwater aquifers.
- Rejuvenation of Springs.
- Facilitate appropriate micro-irrigation methods (Drip/Sprinkler)
- Enhanced water-use efficiency by rationalizing water use for appropriate cropping pattern like Happa model (drought area) etc.
- Promote the use of technology for water testing.
- Modern agriculture through water-efficient technologies



PROJECT-DRIVEN BPDP & DPDP

Examples Of Project-Driven BDPD & DPDP

1. Retrofitting of existing rural water-supply scheme for bulk water supply of villages
2. Source strengthening works for multi-village water supply scheme.



RECOMMENDATIONS

Areas of Prioritisation	Tentative Projects
Depletion of Ground Water	<ul style="list-style-type: none">➤ Desiltation of Ponds, Lakes, Small Water Bodies➤ Recharge shafts – Borewell Recharge, Rooftop Harvesting Structure➤ Continuous Contour Trenches (CCT)➤ Farm Pond
Contamination of Surface Water	<ul style="list-style-type: none">➤ Water Treatment Plants➤ Regional Water Supply Scheme
Grey Water in Rural Areas	<ul style="list-style-type: none">➤ Liquid Waste Management Unit (LWMU)➤ Faecal Sludge Treatment Plant (FSTP)
Water Conservation	<ul style="list-style-type: none">➤ Construction of Check Dams➤ Percolation Tank➤ Soak Pits and Magic Pits➤ Rejuvenation of the Local River System



STEPS TO ACHIEVE WATER SUFFICIENT VILLAGE

- People's Participation and Community Strengthening
- Water literacy
- Water Budgeting
- Water Audit
- Prioritisation of Optimum Utilisation of Water (Sector-wise)



Thank You