

HUMANA PEOPLE TO PEOPLE INDIA (HPPI)



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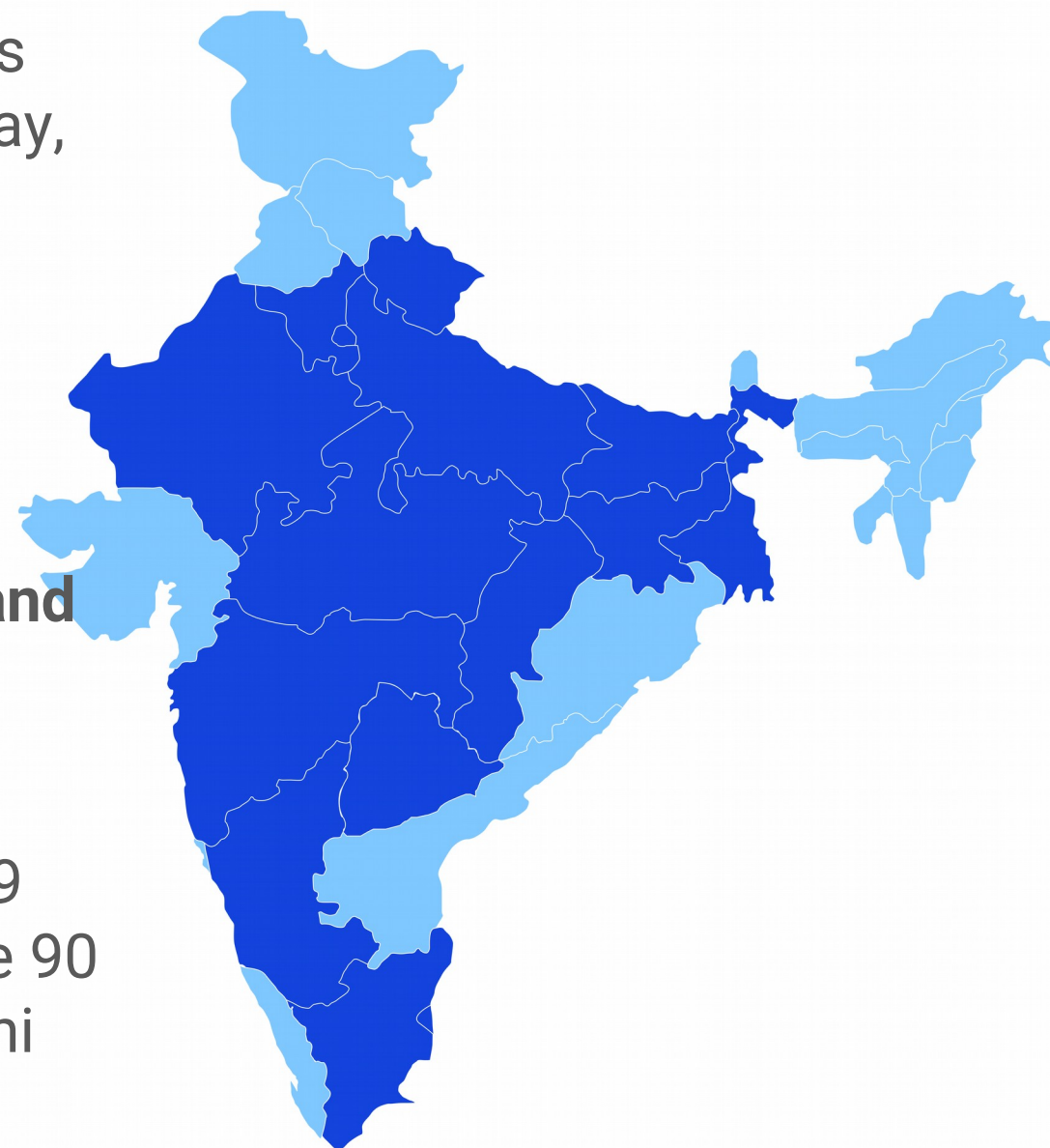
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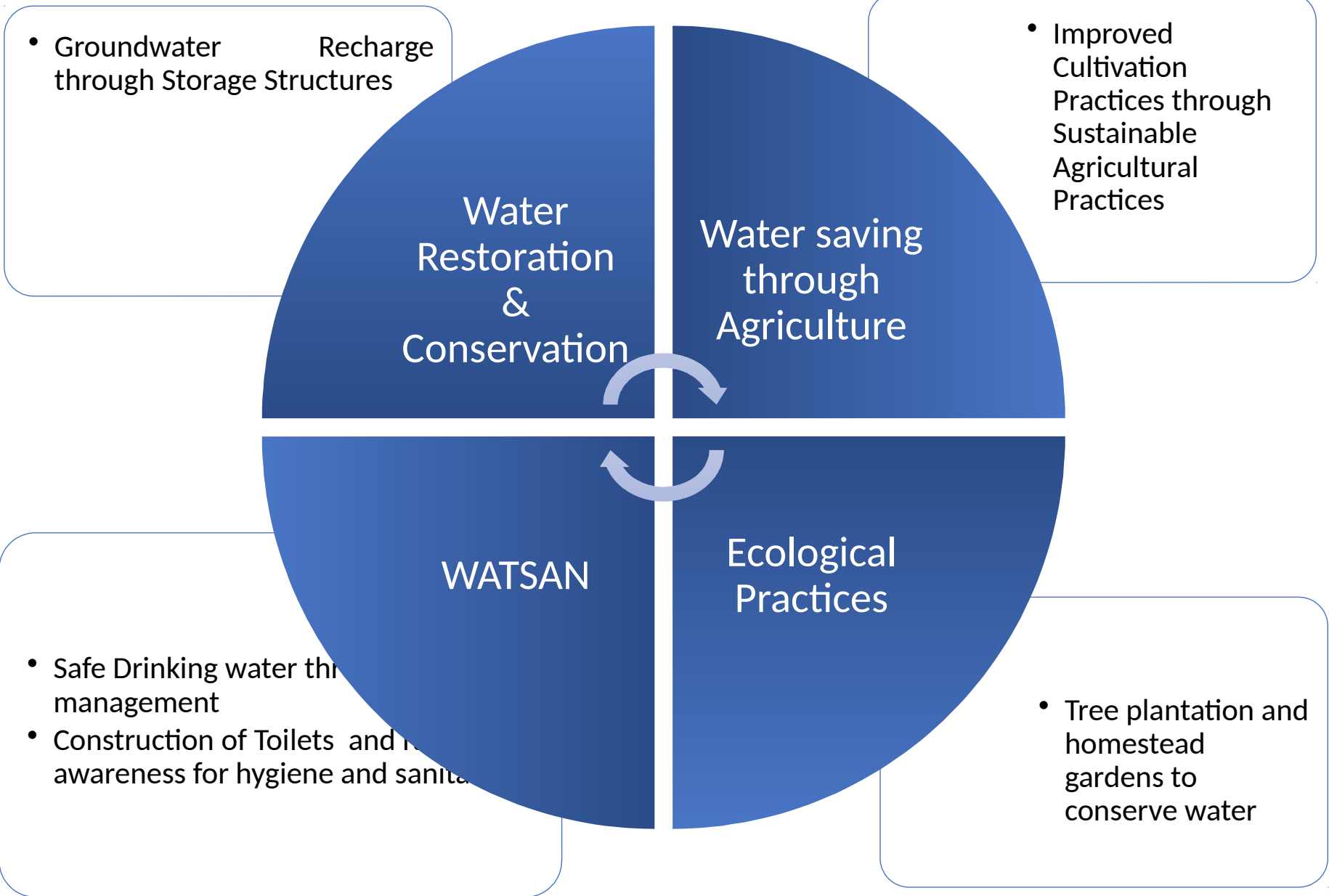
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About HPPI

- A Not-for-profit Company under the Companies Act, 1956-Section 25, established on 21st of May, 1998
- Work with 74 partners including government depts., private corporations and international funding agencies in five thematic areas of **Environment Sustainability, Livelihoods & Community Development, Health, Education and Microfinance** across **14** states
- Overall annual outreach of **20 Lakh** people
- Presently employs 1,119 people, of which 1029 work in direct implementation in projects while 90 work from National Head Quarters in New Delhi



HPPI's Water Resource Development & Management Program



Experience in 7 States

Rajasthan, Uttar Pradesh, Madhya Pradesh, Haryana, Tamil Nadu, Odisha, Uttarakhand

Innovative Techniques for Water Restoration & Conservation

Traditional System of Water Conservation



Recharge through Village & Farm Ponds

Constructing Recharge Structures at lowest point in the pond

Run-off Water Harvesting through

Check Dams in Upper Catchment Area

Rainwater Harvesting

Construction of Rain water harvesting structures and Recharge through hand pumps and abandoned wells

Key Projects



2007-2009: Green Action Behror, Rajasthan Mobilizing and assisting 5 villages and 1,100 Families in watershed Management

2009-2011: Green Action Neemrana and Harit Sankalp Participatory Water Management benefitting 5,700 HHs in Alwar, Rajasthan

2009-2012: Water management and introduction of less water consuming farming methods benefitting 1600 HHs in Alwar, Rajasthan

Impact



- Improved water level by 2.5-3 meters in the wells located within 50 metres
- Significant increase in crop area and fertility of soil
- Improved discharge from the wells and tube wells
- On an average, each rural household rooftop generated a recharge of 37 m³/season and water table improvement of around 3 meters

Innovative Techniques for Efficient Use of Water

Agricultural & Ecological Practices



Adoption of low-cost technologies
FIRBS, Drip and sprinklers for irrigation

Sustainable Agricultural Practices
System of Rice Intensification, Crop Diversification and Intercropping

Tree Plantation & Homestead Gardens

Key Projects



2012-2014: "Seeds for Life" – Action with Farmers in Uttar Pradesh IGP Region to enhance Food Security in the context of Climate Change in Unnao and Badaun, Uttar Pradesh

2017-2019: Green Action Jodhpur- Groundwater recharge, efficient-use of water through more crop per drop benefitting 300 farmers through yield improvement

2018-2019: Sustainable Green Cover Management- Tree Plantation and Homestead Nutri-gardens

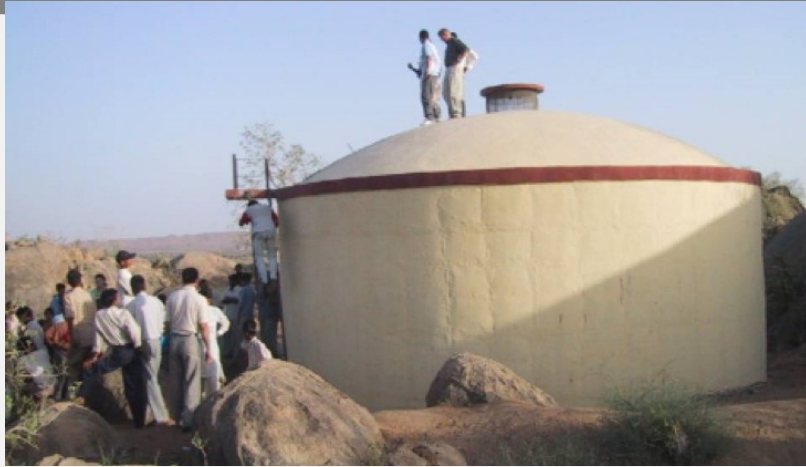
Impact



- Water Savings (SRI has 35%-45% as compared to field submergence)
- Reduction in use of pesticides
- 15,000 Homestead gardens & over 15 Lakh Trees planted
- 50% savings in the cost of quality seeds and planting material
- Improved Economic conditions of the farmers (>30% yield improvement)

Innovative Techniques for Safe Drinking Water & Sanitation

Safe Drinking Water & Sanitation Practices



Domestic Defluoridation Units

Community Owned & Managed Water Supply

Construction of ECOSAN Toilets in Rural Areas

Key Projects



2001-04: Sector Reform Project of Rajiv Gandhi National Drinking Water Mission
Established 'Community Owned & Maintained Piped-Water Supply Scheme', benefitting 166,000 HHs in 554 villages in Alwar

2007-2009: Environment Restoration Based on Water and Sanitation with EU Construction of eco- friendly composting toilets, Construction of Rope Pumps and Siphon Filters in public places to supply safe drinking water benefitting 1500 HHs in Cuddalore, Tamil Nadu

2011-16: Community Development Project in Sheopur with Johnson & Johnson Safe drinking water solution social mobilization, Water structures, awareness generation benefitting 30,000 people

Impact



- More than 200,000 Households have access to safe drinking water
- 5000+ toilets constructed with Promotion of Eco-San Toilets (>500 EcoSan Toilets)
- Raised awareness and creating demand for sanitation

Achievements 2017-2018



1,400 ha of land
benefitted from
water harvesting



1,30,000 m³ of
total
groundwater
recharged



49,500 litres of
rainwater
successfully
harvested



50,000+
Trees planted

Partners in Water Initiatives

Government of Rajasthan
UNICEF
Rajiv Gandhi National Drinking Water Mission
Concern International
Toyota Motors
European Union

GAIA Movement Trust
SAB Miller
Johnson & Johnson
Green World Recycling Ltd.
HPP Austria
WWF India

Alignment with Goal 3 of National Water Mission

Focus on Vulnerable Areas- HPPI has implemented projects in some of the most over-exploited groundwater areas which include:

Rajasthan, Haryana, Uttar Pradesh, Madhya Pradesh, Tamil Nadu, Odisha, Uttarakhand

Our activities are in sync with National Water Mission with a strength in implementing following strategies:

- Promotion of traditional system of water conservation
- Physical sustainability of groundwater resources
- Intensive programme for ground water recharge in over-exploited, critical and semi-critical areas
- Intensive programme for addressing the quality aspects of drinking water particularly in rural area
- Promotion of water purification and desalination

Suggestion for Pilot Project

Recharging Groundwater through traditional storage practices and Introducing 'more crop per drop' practices through low cost technology

Proposed Area : Rajasthan, Haryana, Uttar Pradesh and Madhya Pradesh

Ground Water Recharge through Village Ponds

Runoff Water Harvesting & Recharge

Roof-top Rain Water Harvesting & Recharge

Water Saving through Smart Irrigation & Cultivation Practices

Safe Drinking Water and Sanitation in Rural Areas

Thank You & Way Forward



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