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**Consolidated Completion Report:**  
**“Capacity Building for Multiple Stakeholders on Effective Water Demand Management in Domestic and Farming Sector” (January – December 2016)**

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1. Project Sponsoring Agency: India Water Partnership (IWP), Gurgaon
2. Project Implementing Agency: DHAN Foundation, Madurai

**Background:**

India, having 16% of global population endowed with 4% of freshwater resources only. The growth of population and all other sector including power, industry, per capita water availability is rapidly coming down. Being water stressed already, the challenge before the country remain effective use of fresh water. Simply putting in other words, “More crop and income per drop”. Agriculture sector being the largest consumer of fresh water, the effort to bring down the use by even a few per centage could create water for other competing sector like domestic and industry. Understanding the immediate need of this, Ministry of Water Resources of Government of India too, started a slogan, “Jalhai thou KalHai” (If Water Only, then there will be a tomorrow). Future projections by various agencies like IWMI, World Bank, WRG gives fore warning to all users of water and insists on effective water demand management. South Zone India Water Partnership, a network under the aegis of India Water Partnership (IWP) has successfully completed the cited project from January 2016 to December 2016. The following paragraphs capture detailed account of completed capacity building programme under this project.

**Quarter I Consolidated Achievement:**

During the quarter, South Zone Water Partnership proposed and completed four capacity building programme. Each programme with varied duration aimed at different water stakeholders viz. community, youth, students and Civil Society organisations. The number of participants in each completed programme is as follows:

Month	Training / Orientation	Details of Participants	Number of Participants
January	Orientation to grassroots’ social Animators (Vayalagam Movement Workers) on Water resources conservation and Development (Jan-Feb’16 - 3 Weeks)	Grassroots workers from different parts of Tamil Nadu participated in this event.	19 volunteers participated out of which 17 are female.

Month	Training / Orientation	Details of Participants	Number of Participants
January	Exposure visit and training on Reuse of Waste water from an Academic Institution (January 2016).	Faculty and Students of Agricultural Extension of AC &RI, Madurai. (Both boys & Girls) and 16 <sup>th</sup> Batch students of PG Diploma in Development Management have participated in the event.	29 people participated. Out of 29 participants 10 are female.
January	Development Management Programme on Freshwater resources conservation with a special focus on supply & Demand Management in Southern India (January 2016)	Members from Civil society organizations of Andhra Pradesh, Telangana and Karnataka state have participated in this event.	20 people from different organisations have participated in this event. (All the participants are male)
March	Awareness Programme on Volunteerism in Water Bodies Conservation (March 2016)	Farmers / Women/ Youth/ School Children	60 people participated in this event including the children. Out of the participants 10 are female.

**Quarter II (April 2016 to June 2016):**

In the reporting period, the coordinator and senior member of Dhan Foundation participated in India Water Partnership convened events including Water Film Fest in April 2016 at PragatiMaidan, New Delhi. The Coordinator was also one of the panelist in the Water film fest and show cased one of Dhan's Best Public-Private Partnership success story by a documentary. In May, State Election in Tamil Nadu was held and the election code of conduct made us to reschedule the programme for subsequent quarter. But, two seminars on Water and Environmental Accounting, Water and Ecosystem were conducted for water professionals at Tata-Dhan Academy by invited subject matter water experts from Chennai. The programme was well received and got wider appreciations.

Month	Training / Orientation	Details of Participants	Number of Participants
<b>April</b>	Seminar on Water Accounting and Economic Valuation of Ecosystem services of Water by economist Dr.Venkatachalam, Madras Institute of Development Studies	PG Diploma in Development Management Students and Development Professionals from Grassroots participated in this event.	17 have participated in the event and out them 7 are girls / women
<b>May</b>	Seminar on Water and Ecosystem	Students of Tata-Dhan Academy and development practitioners from the field	20 people have participated. Out of 20participants 11 are female.
<b>June</b>	Orientation Training on Access to Safe drinking water using Bio-sand filters and awareness about Sanitation.	Members of Groups were oriented on utilities of bio-sand filters	50 people were trained (Women)

### **Quarter III (July to September 2016):**

In this quarter, five programme including two re-scheduled capacity building events have been successfully completed focusing on soil-moisture retention and water demand management, fishery and nutrition security, energy efficient water lifting device demonstration such as Pedal pump and rope pumps. The events and participants were tabulated below:

Month	Training / Orientation	Details of Participants	Number of Participants
<b>July</b>	Training on Improved Fish Farming in Multiple Usage Water Resources	Professionals with various backgrounds and volunteers have undergone this training.	17 people participated in the event and out of the participants 7 are female.
<b>August</b>	Micro study on Water Demand Management in a water scarce basin	A five member research team from University of Waterloo, Canada stayed for a month during June	8 People have participated (7 are male and one female)

Month	Training / Orientation	Details of Participants	Number of Participants
		15-July 15 at the head reach of water scarce Gundar and held inter disciplinary preliminary investigation involving ground water recharge, tank bathometric, socio-economic-political status of farmers in village identified, GIS/GPS bench marks, secondary data collection from valid sources.	
<b>August</b>	Orientation on tank silt application and more crop and income per drop of water	The event was organized at M.Subbulapuram	63 members were trained (32are male and 31are female)
<b>Septem ber</b>	Energy efficient water lifting device demonstration		28 people have participated and out of them 16 are male and 12 are female.
<b>Septem ber</b>	Development Management Programme on Sustainable Community led Small-scale Inland Fisheries Development	Professionals from Grassroots have participated in the training	9 people have participated in the event and out them 3 are female and 6 are male.

**Quarter IV (October to December 2016):**

During the two months, remaining programme was completed. Especially the October 15 is conceived and followed world over as Global Hand Washing, Tata-Dhan academy's development management Post graduate students and faculty conducted campaign and another Senior Project Executive convened similar programme in two schools in Pudhucherry state. People Seminar involving about 40 farmer participants including women farmers was successfully held.

Month	Training / Orientation	Details of Participants	Number of Participants
<b>October</b>	Behavioural Change of Children towards handwashing	400 students from two different schools have participated in the event.	400 students have participated in the orientation and demonstration (216 boys and 184 girls)
<b>October</b>	Global Hand Washing Day was celebrated and people were oriented.	School children and village elders have participated in this event.	150 students participated in the orientation (87 boys and 63 girls)
<b>November</b>	People Seminar to disseminate More Crop and Income per Drop, Demonstration of Irrigated Dry Paddy sowing for Vaippar and Gundar basin tankfed farmers	Women and Men farmers from Vaippar and Gundar Basin from South Tamil Nadu. Trained by Scientist from KrishiVigyan Kendra.	43 Participants Participated (28 women farmers)
<b>December</b>	Consolidation of Outcomes and Outputs	Project Coordination Team by Review of Plan vs. Achievement Draft Completion Report Preparation	5 Members including the Project Co-ordinator

**KEY OUT PUTS:** GWP\_SAS funding support through IWP helped the zonal partner to organize minimum one programme per month except one or two for valid reasons.

Reached the relevant stake holders like Farmers, Women Farmers, Landless women, house wives, Youth and students through the capacity development programme. About 938 members attended the programme. Few demonstrations on field like tank silt application, Dry Sowing of Paddy before monsoon etc. are received welcome by the farmers and they responded the utility of programme as very high. This helped them to reduce the dependence of more water for land preparation for paddy.

All the programmes were conducted by subject matter expert with more years of experience in the field and besides the content and delivery of lectures, they could clarify the doubts raised by the participants by simple example or demonstration.

Hand washing Campaign in schools and a village received overwhelming response and the pledge at the end making hand washing as regular habit served the noble purpose on which the programme was organized.

The project, even though a small grant, made DHAN Foundation to facilitate partnership from government, panchayat, Community farmer and women federations, KVKs and the like.

### **LEARNINGS:**

- Awareness Creation of Water Stakeholders if conducted in affective learning mode keeping focus on behavior change leads to significant impact.
- In an era of digital world and soap opera in TV, the rural women look for such informative training programme which almost all of them had an eager to learn.
- Water is a Key resource and its protection/conservation must start from the point of use. (Think Globally and Act Locally)

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