



## **WATER EXPERTISE AND TRAINING CENTRE**

### **Report on Implementation of Operation and Maintenance of Rural water supply Training Course**

**From 23 to 25 September 2013**



**Hosted by**  
**DACAAR Water Expertise and Training Centre**

Paikob-e-Naswar, Wazirabad, Kabul, Afghanistan

Telephone: +93 (0) 797 36 90 25 / 797 01 10 15

Email: [azeem@dacaar.org](mailto:azeem@dacaar.org) / [shirahmad@dacaar.org](mailto:shirahmad@dacaar.org)

Paikob-e-Naswar, Wazirabad, PO Box 208, Kabul, Afghanistan

Phone: (+93)(020) 220 17 50 Mobile (+93)(0)70 28 82 32

E-mail: [dacaar@dacaar.org](mailto:dacaar@dacaar.org) Website: [www.dacaar.org](http://www.dacaar.org)

## Table of Content

1. Summary .....	2
2. DACAAR Training Experiences .....	2
3. Ooperating and Maintenance Training Course .....	2
3.1 Goal for the Course .....	2
3.2 Objectives of the Course .....	3
4. Logistic and Facilities .....	3
5. Evaluation of the Training Course by Participants.....	3
6. Comments of the Participants on the Training Course .....	4
7. Participants List .....	5
8. Conclusion .....	5
9. Recommendations .....	6

## **1. Summary**

Training Title:	Operation and Maintenance of Rural Water Supply Projects
Training Course Duration:	3 days (23 – 25 September 2013)
Participants Trained:	12 Participants from different organizations.
Implementing Agency:	DACAAR WET Centre
Venue:	ASSA-2 Guest House Shahr-e-New, Kabul
Funded by:	Norplan
Trainer:	Shekeb Shamal WET Centre Part-time Trainer, DACAAR

## **2. DACAAR Training Experience**

DACAAR is non-governmental, humanitarian organization that supports sustainable development in Afghanistan through promoting the ability of local communities to decide upon and manage their own development process. Activities are implemented in co-operation with civil society organizations, the private sector and governmental institutions with a particular emphasis on poverty eradication and assistance toward the return and re-integration of internally displaced people.

DACAAR started capacity building in WASH sector in 2005 and established the Water Expertise and Training Centre (WET Centre) in 2010, as a hub for data, information and research as well as a vehicle for training and technical support to government agencies, NGOs and the private sector in order to accelerate capacity building in the WASH sector.

## **3. Operation & Maintenance of Rural Water Supply Training Course**

In this course topics such as sustainability, community participation and management, importance of O&M for water supply technology, technology selection and its O&M requirements were introduced to the participants and fully discussed. In addition, MRRD and DACAAR O&M systems were presented in details and discussed. Different forms of agreements and reports on O&M of water supply projects were also explained and discussed.

The results of the post-training test indicated that the participants of the course have a clearer understanding of the concept of O&M, community participation and sustainability of water projects.

### **3.1 Goal of the Training Workshop**

To broaden the participant's knowledge of the operation and maintenance system to contribute to the sustainability of water supply programme and projects in rural areas

### **3.2 Objectives of the Training Workshop**

After completion of this course the participants will be able:

- To explain the MRRD and other NGOs O&M system
- To list the responsibilities of the community and of the hand pump mechanic in terms of hand pump maintenance and repair
- To update knowledge on O&M issues
- To reinforce management skills on sustainable O&M
- To create specific approaches for better work and planning with communities
- To realize the importance of community participation
- To implement effective O&M of rural water supply and sanitation services

### **4. Logistics and Facilities**

The training took place in ASSA2 Guesthouse in Shahr-e-New, Kabul. The hall used in ASSA2 was big, air conditioned, and furnished with chairs and tables. The guesthouse has a good dining hall and provided refreshment and lunch as well. Laptop computer, flip chart paper, markers, colour cards, multimedia, white screen and stationery were used and provided by DACAAR WET Centre. The training starting time was at 8:30 and the ending was at 15:00 with 15 minutes for tea break and one hour for lunch and prayer. DACAAR paid AFN 250/day for transportation cost of governmental participant's only.

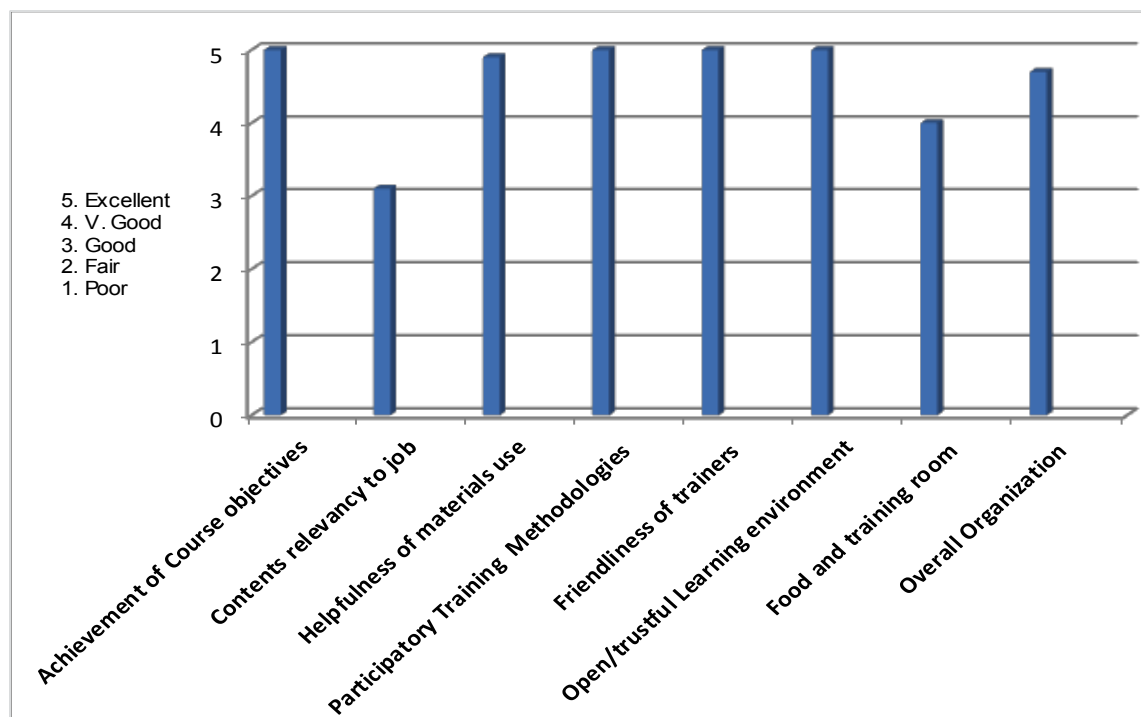
### **5. Evaluation of the Training Course by the Participants**

At the end of the training course an evaluation of training course by participants was carried out in order to gain the participants response to the material presented and the method of presentation.

A summary of the groups responses are as follows:

- The objectives of the courses were achieved.
- The participants felt that their future work would benefit from their participation in the course as the content was relevant to their jobs.
- The course introduced new ideas.
- The participants believed methods used to present the material were engaging and clear.
- The style of presentation, and friendly and open attitudes of the trainer, was appreciated.
- The learning environment was open and trusting.
- The participants suggested the courses should be followed up with other such training courses.

### 5.1 Evaluation of the Social Organization Training Course by the Participants (23 – 25 September 2013)



### 6. Comments of the Participants on the Training Course

At the end of the training course participants were asked to write down any comments relevant to the training without writing their names on the evaluation questioner. Most of the written comments were received in Dari language and then translated word by word in English and included in the report.

- The trainees were appreciative and thankful of DACAAR and the donor for the trainings conducted and requested DACAAR to continue such trainings in the future as well.
- The trainees found the trainings courses interesting, useful, learning and relevant to their duties.

## 7. Participants List

In total there were 20 participants (17 male & 3 female) from government and NGOs in the training workshop. The table below provides the detail of the participants.

N o.	Name	Title/Post	Location	Organisation	Mobile No.	Email
1	Abdul Qayyum Karim	Lecturer	Kabul	Kabul Uni.		<a href="mailto:aq_karim@yahoo.com">aq_karim@yahoo.com</a>
2	Ghulamnabi Zahedi	Development Manager	Ghor	MRRD		<a href="mailto:zahedi99nabi@gmail.com">zahedi99nabi@gmail.com</a>
3	Qutbuddin	Water supply Eng.	Uruzhan	ZOA		<a href="mailto:water1-uruzgan@zoa-afg.ort">water1-uruzgan@zoa-afg.ort</a>
4	Romal Omari	Wash Project Manager	Kabul	HELVETAS		<a href="mailto:romal.omari@helvetas.org">romal.omari@helvetas.org</a>
5	Samiullah	Site Foreman	Kabul	MRRD		
6	Ahmad Masood	Project Implementation Officer	Kabul	MRRD		<a href="mailto:masoudsulaimanzada@yahoo.com">masoudsulaimanzada@yahoo.com</a>
7	Hasiba	ERM assistant	Kabul	MRRD		<a href="mailto:hasibasaghari@gmail.com">hasibasaghari@gmail.com</a>
8	Sayed Safdar		Kabul	MRRD		
9	Yama Shirzay	M&E acting head	Kabul	MRRD/Ru-water Dip.		<a href="mailto:y.shirzay@mrrd.gov.af">y.shirzay@mrrd.gov.af</a>
10	Zahidullah	Trainer	Kabul	DACAAR		<a href="mailto:zahidullah@dacaar.org">zahidullah@dacaar.org</a>
11	Sohrab Kakar	Trainer	Kabul	DACAAR	0796809050	<a href="mailto:sohrabkhan.kakar@gamil.com">sohrabkhan.kakar@gamil.com</a> <a href="mailto:0796809050">0796809050</a>
12	Mouladad Popal	Head of Program	Faryab	RDD		<a href="mailto:eng.mouladadp@gmail.com">eng.mouladadp@gmail.com</a>

## 8. Conclusion

DACAAR felt that a good learning environment conducive to participatory learning prevailed throughout the training sessions. The participants were encouraged to share their ideas, knowledge and experiences. The trainer used several different participatory methods that proved successful. The content of the module proved useful to the participants, which maintained their interest. The relevant participants particularly found the training as very important for their work. The participants were also extremely appreciative of the handouts and attendance certificates and thankful for the work done to run the training course. The participants were all extremely attentive, cooperative, positive and appreciative of the course. The participants will be able to use the skill and knowledge to improve their work performance on their job.

Many of the participants realized they were already using some of the ideas but were eager to explore further the concepts introduced. For those who had not previously been exposed to the information, they realized the value of the concepts and expressed an enthusiasm to make use of them.

## **9. Recommendations**

- A follow-up course should be conducted for each topic to further develop the concepts.
- Participants felt the need to have more such trainings in the future.