



Introduction of DACAAR and DACAAR WET Centre



Presented by:

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About DACAAR

Activities

- Water, Sanitation, Hygiene (WASH)
- Natural Resource management (NRM)
- Women Empowerment (WE)
- Small Scale Enterprise Development (SSED)
- National Solidarity Programme (NSP)

Staff

- 650 Afghan employees plus 11 international employees

Regional offices

- Mazar-e-Sharif,
- Taluqan
- Jalalabad,
- Herat,
- Maimana
- Kabul

Achievement

- 9 m Afghans across 28 of Afghanistan's 34 provinces have benefited from DACAAR development activities since its establishment in 1984



What Services DACAAR WET Centre provide?



WASH Training Workshops



WASH Awareness



Technical Consulting Support



Water Quality Testing



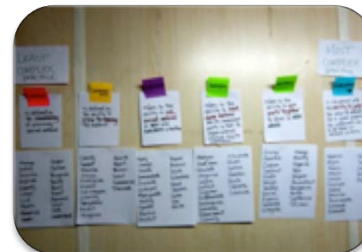
Action Research



Best Practices



Project Evaluation

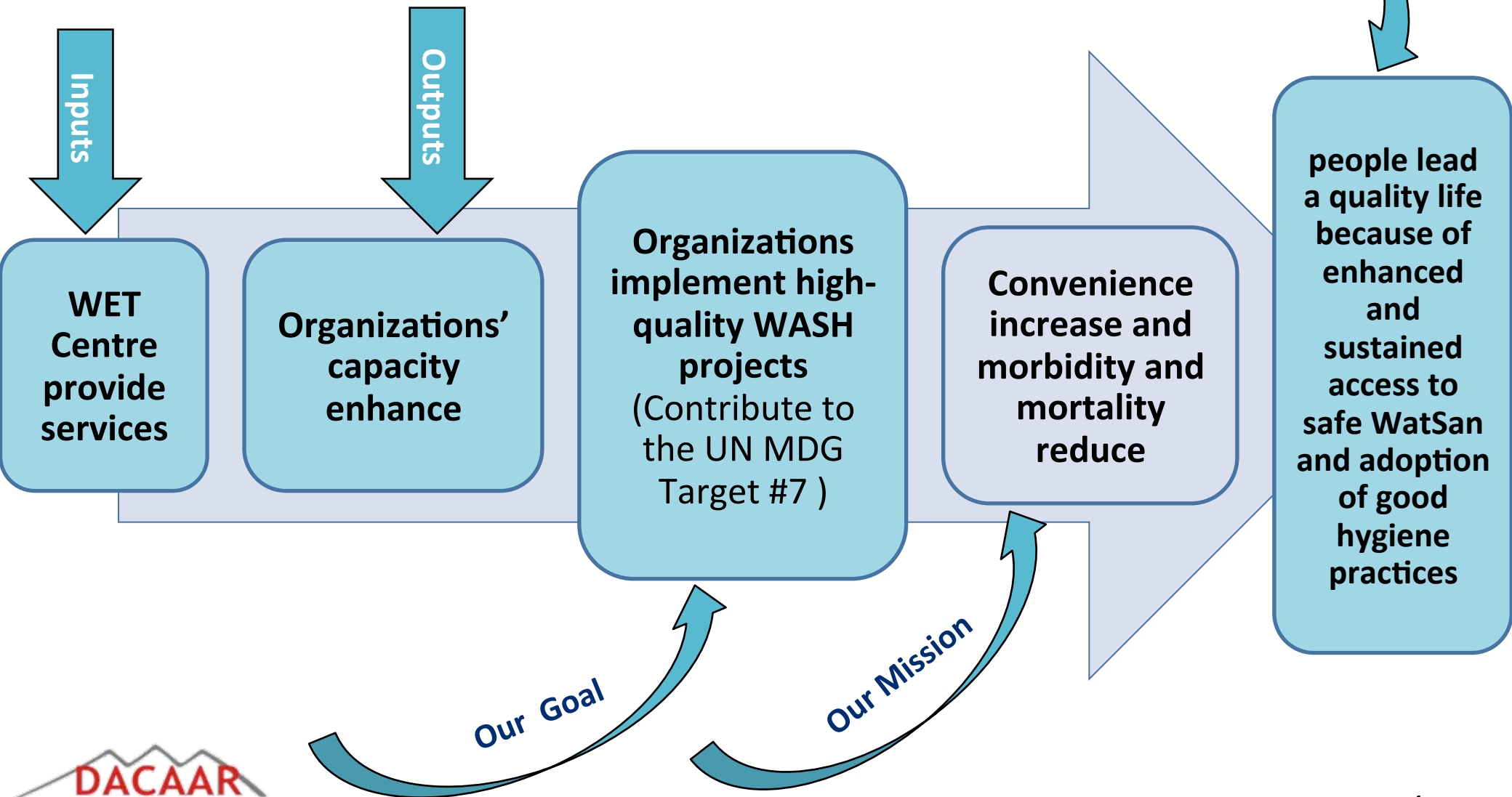


Education Program Development



Learning Exchange

Why WET Centre Provide Services?



WET Centre Training Packages

1. Well Construction
2. Gravity-Flow Piped Networks
3. Drinking Water Quality Testing
4. Biosand Filters Product Manufacturing
5. Biosand Filters Project Implementation
6. Community Health Promotion
7. Low Cost Sanitation
8. Quality Assurance of Handpumps & Pipes
9. Effective Facilitation Skills for Trainers
10. Survey by GPS
11. Basic Hydrogeology
12. Operation & Maintenance of Rural Water Supply
13. Social Aspects of Water Projects
14. Mainstreaming WASH Cross-cutting issues in Planning



Outline of DWQT Training Workshop

Overall Objective:	To transfer knowledge and skills for participants to independently carry out different water quality tests
Workshop Length:	4 to 5 days
No. of Participants:	15 - 18 people
Language:	Dari & Pashto
Designed for:	Those conducting drinking water quality testing/working in WASH & community development or health project/program organizers/project managers/technicians
Workshop Includes:	Info on drinking water properties, testing, quality guidelines, testing protocol, data
Method of Instruction:	Theory, demonstrations, open discussion, case studies, and hands-on practice.
Training Materials:	Participant Manual & CD containing all materials of the workshop and related resources

DWQT Workshop Content

Theory

- **Water quality issues and the connection to public health**
- **Drinking water quality guidelines and standards**
- **Types of contaminants and their indicators**
- **Water quality testing for physical, chemical and microbiological parameters**
- **Selection of appropriate testing methodology and equipment**
- **Developing a water quality testing plan**
- **Record keeping, interpreting results, and reporting**

Practical

- **Water sample collection**
- **Physical contaminant testing**
- **Chemical contaminant testing**
- **Microbiological contaminant testing**
- **Preparing a report**

WET Centre WQ Laboratory

- Established in 2003 and provide DWQT through well-equipped Laboratory.
- Analyze chemical, microbiological and physical qualities of drinking water.
- Using field kit:
 - Potatest & Delagua portable single & double incubator
 - Photometers
 - Spectro Photometers
 - Digital Arsenators
 - Digital pH/Conductivity Meters
 - Digital Turbidity Meters
 - Digital DO (dissolved oxygen) Meter
 - Other tools/equipment
- Has 6 permanent qualified lab technicians
- Future plan is to get national certificate for the WQ Lab by 2016