



# WATER, SANITATION AND HYGIENE (WASH) PROGRAMME

“OUR GOAL IS TO CONTRIBUTE TOWARDS THE IMPROVEMENT OF LIVING CONDITIONS FOR MIGRANTS, MOBILE POPULATIONS AND AFFECTED HOST COMMUNITIES IN SOMALIA THROUGH SUSTAINABLE SUPPLY OF CLEAN AND SAFE WATER, APPROPRIATE SANITATION AND KNOWLEDGE OF HOW TO PROTECT FROM WATER BORN DISEASES”

Access to clean and safe water in Somalia is one of the main challenges due to a combination of factors; arid climate, chemical concentration of water sources and human-induced conflict. Moreover, existing water sources are inadequate in terms of accessibility, quality and quantity. The high concentration of chemical components and salinity in the groundwater makes it unsafe for human consumption and even with the presence of surface water

its often contaminated, therefore needing treatment. Somalia has long suffered decades of protracted conflict leading to destruction of key institutions and crucial data. As a corollary, enforceable regulations for sustainable water management cannot be properly effected further increasing the depletion of groundwater source, contamination and conflict.

### IOM WASH STRATEGY

#### Delivering safe water and sanitation through innovative technologies

IOM developed the three tanks system, a unique and simple purification technology that can be constructed by communities with locally available materials. The three tank system is suitable for use in the riverine areas, unprotected water sources or areas where surface water turbidity is high. IOM uses a combination of low cost water

treatment (purification and disinfection) technologies to provide clean and safe water to most vulnerable people. IOM use Poly-Glu as water purification technology from Japan which is more effective and environmental friendly.

Apart from Innovative technologies, IOM strategy is also to construct strategic water sources such as cross –border areas to improve access to safe and clean water for migrant and mobile mobilization. In other areas where salinity is high, IOM is planning to pilot cost-effective technologies to reduce salinity.

## IOM IN ACTION

- IOM has conducted the first ever comprehensive Knowledge and behaviour (KAP) survey in 39 communities from 7 regions and collected 295 samples of water for quality testing
- 108,000 IDPs and affected host communities living in seven region in Somalia have access to continued safe and clean water
- 108,000 IDP and affected host communities participated in awareness raising and hygiene promotion to protect themselves from water and sanitation related disease and proper handling water and sanitation facilities
- Over 101 WASH committees members were trained to improve their capacity to operate and sustain the new constructed water sources
- Over 324 hygiene promoters from IDP and affected host communities was trained to conduct an increase good hygiene awareness’s and practices in their respective communities
- 43,534 NFIs which included Jerry cans,soaps and aquatabs were distributed to IDPs and their host communities.

IOM has placed systematic water quality monitoring systems that regularly check the water quality to ensure its safety based on World Health Organization (WHO) guidelines for drinking water. In line with WASH cluster strategy, IOM is also promoting Community Led Total Sanitation (CLTS) and sustainable latrines construction to reduce open defecation.

### Capacity building

The ultimate goal for IOM is to build capacity for sustainable development. Its strategic focus is based on the principle of local ownership through working closely with key stakeholders such as local non-governmental organizations (NGOs), local authorities and affected communities to ensure ownership and sustainability of water system. It also aims at building technical capacities by transferring to WASH knowledge and skills, especially on data collection analyzing /monitoring, safe water provision, and hygiene promotion. Trainings include water quality analysis training and Participatory Hygiene and Sanitation Transformation (PHAST). IOM strategy also focuses on training community leaders, elders, teachers and local authorities on how to mobilize their communities that are at risk and raise awareness on safe water handling, importance and critical timings of handwashing, and waste management through household visits, campaigns, and community forums.

### Hygiene promotion

IOM recognizes the fact that providing safe water and sanitation facilities is not sufficient in reducing water-borne disease and needs to be supplemented by good hygiene practices and behavior changes. Therefore IOM places special emphasis on promoting good hygiene and sanitation practices with a combination of provision of safe and clean water in Somalia. IOM use PHAST and CHAST approach for hygiene promotion, which is designed for Somalia context and solving problem by the community. By training community hygiene promoters and enhancing the capacity of community on WASH committees to repair and maintain water and sanitation facilities.

### Always in partnership

IOM works closely with governments (Ministry of Water and existing local administration mechanisms, WASH and Health Clusters), the United Nations agencies (UNICEF and WHO), and international and local NGOs. IOM strategy is to support WASH inter-ministerial coordination mechanism as well as capacity building for government officials through the placement of Somali diaspora expertise. IOM is an active WASH cluster and recognizes the importance of partnership within the Cluster for emergency response and coordination with agencies to avoid overlapping. IOM reports to and shares with the Cluster their achievements and findings. Based on a unique Public- Private Partnership (PPP) and sustainable Base of the Pyramid (BoP) social business model and through innovative, cost-effective, and environmentally-friendly technologies, IOM is working with the private sector and business community to promote the development and reconstruction of the fragile Somali state. Their contributions have been recognized by the international community and the Somali Government as absolutely essential.



Beneficiaries in Luug enjoy the benefit of clean and safe water provided by IOM. © IOM 2013. (Photo: Koji Kumamaru)



### WE WORK WITH:

- Government
- Somali diaspora
- Civil society
- Private sector



### MIGRATION FOR THE BENEFIT OF ALL

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### WITH THANKS TO OUR PARTNER:

