

# Self Supply News

Self Supply News is a bi-monthly newsletter issued by Self Supply Working Group (SSWG) of Ethiopia, which is a forum of government institutions and development partners. JICA WAS-RoPSS Project is currently taking lead to compile this newsletter.



## Message from WAS-RoPSS's counterparts of WRB/SNNPR

"WAS-RoPSS Project plays an important role and contributes to promotion of Self-Supply in our region. Ato Kassu Eshete (socio-economist) and Ato Dereje Haile (mechanic)" main counterparts of Water Resource Bureau (WRB) of SNNPR for WAS-RoPSS Project mentioned.

They are working in close collaboration with the project team since the beginning of the Project. "We are now in the practical phase for dissemination of rope pumps for Self-supply. Rural people in the Project target areas are benefiting from the installed rope pump using not only for drinking water but also for multipurpose use of water i.e., domestic uses for hygiene and sanitation, agriculture and livestock watering. People appreciate the Project efforts and demand for rope pumps are increasing day to day in the target areas as a result of promotion the technology by the Project". They also point out that WRB benefit from the Project to promote widely Self-supply particularly dissemination of rope pumps for households in the region. "We'd like to share ideas and experiences of this project to other zones and woredas in order to spread Self-supply in the whole



Ato Kassu Eshete (left) and Ato Dereje Haile (right), main counterparts of WAS-RoPSS Project of WRB/SNNPR

region." WRB/SNNPR is currently promoting Self-supply technologies widely, especially rope pump in the whole region following the same approach and modality developed by the Project.

## News from WAS-RoPSS

### JICA Country Representative Visited Rope Pump Users in Yetabon

It was a great pleasure for the users and Village Technicians in Yetabon Kebele to receive a big guest on October 14, 2014. Mr. Kimiaki Jin, Country Representative of JICA Ethiopia Office, accompanied with

Mr. Ephrem Fufa, Program Officer visited the rope pump users in Yetabon Kebele, Meskan Woreda in SNNPR.

Mr. Jin, Country Representative of JICA Ethiopia (second left) Office listening to the explanation of Mr. Arjen van der Wal, Dutch Expert (center). Village Technicians (persons in blue work clothes) actively reported the situation.

Water Resources Bureau, Woreda Water Office and Micro Finance Agent also accompanied his visit and explained the situation of rope pump promotion in the village. Mr. Jin, after his visit expressed his appreciation to all the local actors for their efforts in promotion of rope pump technology. In particular, he was impressed by the active involvement of five Village Technicians, who were trained by WAS-RoPSS Project and technically supporting the rope pump users in the village.

**About WAS-RoPSS** The Project is aiming at contributing to improvement of water supply, sanitation and rural livelihoods through dissemination of rope pumps for drinking water in the 4 target woredas in SNNPR, Meskan, Damot Pulasa, Dale and Yirgacheffe.

## Training on Water Safety Plans and Water Quality Analysis (Potatest)

A 6-day training on Water Safety Plans (WSPs) and Potatest kit (rapid water quality test kit) was held from September 29 to October 4, 2014 at Haroni Hotel, Hawassa. Facilitators were from WHO, JICA and GLOWS trained private consultant and participants were from water, health and education offices of each Woreda (\*1) and Zones(\*2) in the project target areas and WRB/SNNPR.



Demonstration of potatest



Group work

One of the objectives of the training was for the participants to recognize how safe water supply and management are important for well-being of community. The training was combined with lectures, discussions and practices. After the participants understand how to conduct WSPs and the Potatest, everyone went for field visit and assessed water points in Dale woreda. The results of check list and water quality analysis was evaluated according to the WSPs template.

Overall, all participants actively participated in the training with enormous efforts by the facilitators and organizers. The group work presentations by participants were interesting. That is the reason why we believe that the implementations of WSPs can contribute to safe water supply by promoting rope pump!

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\*1: Dale, Damot Pulasa, Meskan, Yirgachefe  
\*2: Sidama, Gurage, Wolaita, Gedeo  
(written by Takashi Nedachi, Potatest Lecturer)



Facilitators and participants

Mr. Takashi Nedachi (right bottom) is a member of Japan Overseas Cooperation Volunteer assigned at Water Quality Lab Section in WRB-SNNPR. He is specialized in Industrial chemistry and microbiology.

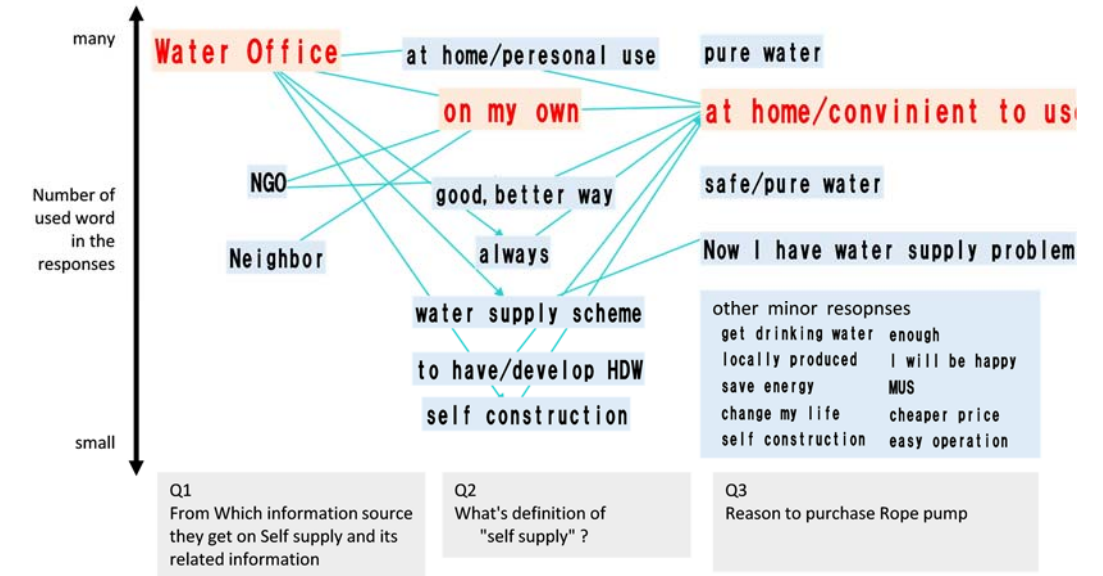
## Baseline Survey Result

What the rural people in the WAS-RoPSS Project area think about rope pump and Self-supply in the baseline survey?

At the end of the Period 1 of the WAS-RoPSS Project, 24 households and 1 organization showed their interest to buy rope pumps in utilizing Rope Pump Credit Scheme. Among these 25, 24 households who finally decided to buy rope pumps, were also the respondents of the baseline survey conducted in December 2013 and January 2014.

An analysis was done, attempting to find out the relationship between their responses for three key questions asked during the baseline survey and their actions in purchasing rope pumps. The questions were; 1) information source on water supply, 2) what they know about self-supply, 3) the reason for buying rope pump. The words used by a respondent are connected with blue lines to see the frequency of the responses and the combinations of answers.

Graph : Relationship between understanding of self-supply and reason for purchasing rope pump



The figure below shows the results, the respondents often obtain information from water office and they understand the self-supply based on the information from water office, and many are motivated to buy rope pump for increasing their convenience in water use. The terms such as "pure" and or "safe" were used very frequently, but these words were not connected to the convenience of waters use.

Considering these results, it may be concluded that the rural people think a rope pump may contribute to change their life in terms of increasing easiness and efficiency in water fetching and use.



IRC, International Water and Sanitation Centre, is an NGO working on equitable and sustainable water, sanitation and hygiene (WaSH) services. Check on their website at <http://www.ircwash.org/topics/water-security> (There are 2 videos that you can enhance your understanding on self-supply!)

## The Millennium Water Alliance kicks off its second phase and Self-supply acceleration activities

The Millennium Water Alliance – Ethiopia Programme (MWA-EP) brings together some of the largest NGOs working on WASH in Ethiopia. Just like in the One WASH National Programme, a new and eye catching activity in the second phase of the MWA-EP programme (2014-2017) is the inclusion of Self-supply acceleration. Seeking to support government in extending services through household investment, the MWA-EP's Self-supply acceleration activities are modest but strategic. They aim to develop and pilot a high-quality and comprehensive package of 'software' activities to promote Self-supply and trigger family investments directly extending or improving services to 55,000 families. The bigger objective is to provide a comprehensive, tested and well documented model for Self-supply acceleration that is influential at regional and national levels. Activities are starting in two woredas in Oromia (Omo Nada and Dugda) and five in Amhara (Kalu, Kelala,

Estie, Farta and Dera). Self-supply acceleration at woreda level involve three lead partners (WVE, Care and CRS) working with the support of their local partners and with the support of IRC and Dutch foundation Aqua for All. IRC ([www.ircwash.org](http://www.ircwash.org)) are coordinating the activities overall, and Aqua for All are focusing on critical business



development and finance aspects. On the 2nd October 2014, the partners held Self-supply acceleration sessions as part of the programme kick-off meeting, and from 27-31 October and 4-8 November 2014 training workshops were held in Adama (for Oromia) and Bahar Dar (for Amhara). These training workshops focused on supporting woredas (with NGO support) to develop a Self-supply acceleration plan based upon the national manual and a training curriculum developed by IRC (download at [http://www.ircwash.org/sites/default/files/self\\_supply\\_planning\\_guidelines\\_03062014.pdf](http://www.ircwash.org/sites/default/files/self_supply_planning_guidelines_03062014.pdf)). Typically woreda's were represented by administration, water, agriculture, health, and finance or enterprise development staff. Other participants include MFIs, regional government, and other interested NGOs which included IRC (International Rescue Committee) and WaterAid. Trainers and expert inputs included IRC, Aqua for All, WAS-RoPSS, ACIS and water.org staff. Over the coming months, the participating woredas are expected to further develop and to start to implement their Self-supply acceleration plans. For more information please contact Lemessa Mekonta ([mekonta@ircwash.org](mailto:mekonta@ircwash.org)).





## Bits of Knowledge on Self Supply

~We introduce the words related to Self supply~

### What's "Household Water Treatment and safe Storage (HWTS) "?

UNICEF and WHO as leading organisations in WASH sector promote household water treatment and safe storage as low cost solutions for low risk drinking water in developing countries. HWTS is considered as one of the important Self-supply technologies to be associated with improvement of water supply facilities. There are several methods to improve the microbial quality of household water which contribute to reduction of the burden of diarrhoeal disease. The method includes filtration, chemical disinfection, disinfection with heat (boiling, pasteurization) and flocculants/ disinfectants. In addition, a combination of these methods may be used to increase the efficiency of treatment (WHO, 2012). HWTS has been recommended in the WHO Guidelines for Drinking-water Quality (GDWQ): "Household water treatment approaches have the potential to have rapid and significant positive health impacts in situations where piped water systems are not possible and where people rely on source water that may be contaminated or where stored water becomes contaminated because of unhygienic handling during transport or in the home" (WHO, 2011b).

#### References:

- WHO (2011b). *Guidelines for drinking-water quality, 4th ed.* Geneva, Switzerland, World Health Organization ([http://whqlibdoc.who.int/publications/2011/9789241548151\\_eng.pdf](http://whqlibdoc.who.int/publications/2011/9789241548151_eng.pdf)).
- WHO (2012). *A toolkit for monitoring and evaluating household water treatment and safe storage programmes.* Geneva, Switzerland, World Health Organization



Demonstration of Sawyer filter



Demonstration of Tulip filter



## Self-Supply related Activity Schedule

### Activities done in Oct. & Nov.

- Oct. – Issuing Self-Supply News No 5
- Oct. – Water Safety Plan and Potatest Training in Hawassa
- Oct. – Field visit in the WAS-RoPSS Project area by Mr.Jin, Country Representative of JICA
- Oct. – Training Workshop for Self-Supply Acceleration Planning organized by IRC and Millennium Water Alliance (MWA)
- Nov. – TOT on RP installation in SNNPR
- Nov. – Issuing Self-Supply News No.6

### Coming up in Dec. & Jan.

- Starting of RP promotional activities in the target woredas of WAS-RoPSS in SNNPR
- Rope pumps installation training for village technician in Dale woreda in SNNPR
- TOT on RP manufacturing, installation and maintenance in SNNPR
- Rope pump inspectors' training in Addis Ababa

## Self-Supply Fair to be organised!

MoWIE, IRC and WAS-RoPSS Project will jointly organize Self-Supply (SS) Fair from 19th to 22th March in combination with the World Water Day. This SS Fair aims to raise awareness of the public about SS and to enhance the linkage among different stakeholders, including government, development partners and private sector for promotion of SS.

WAS-RoPSS and IRC plan to have multiple events such as seminar for experience sharing in SS, exhibition by private service providers, government organisations and development partners, business matching event, demonstrations of SS technologies, film stripe etc.

Detail program and schedule of this SS Fair will be given in the next newsletter.

**If you have any comments, questions, suggestions, please contact us at;**

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- [MoWIE] <http://www.mowr.gov.et/>
- [JICA] <http://www.jica.go.jp/oda/project/1100485/index.html> (Japanese)
- <http://www.jica.go.jp/project/english/ethiopia/OO4/index.html> (English)
- [IRC] <http://www.ircwash.org/>