

Self Supply News

We are pleased to inform you that the Rope Pump Newsletter is now renewed as 'Self Supply News' in response to the requests from the readers, in order to deliver self-supply related information and updates to the wider audience. The stakeholders working on self-supply contribute their articles on the activities and updates.

Message from EWTI Managing Director

"Self Supply approach is very essential at this time in filling the financial constraint of government and substantially improving sustainability of the water facilities by creating better ownership feeling to the users". Dr. Markos Wijore (A/Managing Director, Ethiopian Water Technology Institute : EWTI) / Director of Sector Support Directorate of Ministry of Water, Irrigation and Energy, mentioned.

EWTI, which is established to be a center of excellence for such technology selection works based on research and evidence, will provide necessary supports, he added. The role of the Institute will be in providing training of trainers for government staffs, NGOs and private sectors and Technical and Vocational Education Trainings (TVETs) particularly in producing medium level professionals for transferring the technology to the grass root level.

The government of Ethiopia is currently promoting every farmer to have water bank for drinking and irrigation purposes. Thus, having affordable lifting devices like: Rope Pumps (which is under implementation by WAS-RoPSS Project) for this water will be good news for the farmers.

In this regard, the Rope Pump (RP) standardization and dissemination activities by WAS-RoPSS Project in collaboration with MoWIE and SNNPR-Water Resources Bureau will reinforce the government's effort to address the rural community with low cost technologies through Self-supply approach.

EWTI will continue to play major role in supporting the effort of JICA/WAS-RoPSS Project in Improvement, Standardization and Dissemination of Rope Pumps for Multipurpose use of Water" said Dr. Markos. He has also expressed his belief that the WAS-RoPSS Project will enhance the achievement of our Growth and Transformation Plan (GTP) target for rural water supply access and food security. " Reminding that the rural water supply access was about 66.44% by the end 2005 E.C, the-director said "we need to strongly move forward to coordinate work on low cost technologies in order to reach unaddressed community within the remaining GTP time".



Dr. Markos Wijore
EWTI A/Managing Director

Information from IRC

Two new short films about Self Supply have been made by the renowned local film-maker Abraham Haile, working for IRC in association with the MoWIE and the Millennium Water Alliance.

The first film (Self-supply: a new approach to help supply everyone with safe water, 9 mins) has a national focus and features the State Minister HE Kebede Gerba, amongst others, making a powerful case for Self-supply. The second film (A hidden resource: supporting people to develop their own water supplies, 5 min) focuses on the regional level, taking the example of SNNPR. This is one of the regions already implementing a Self-supply acceleration approach. Both films can be viewed on YouTube.

If you would like to use the films and need copies in other formats, please contact Inge Klaassen at the Self-supply Working Group (Klaassen@irc.nl).

- ◆ Self-supply: a new approach to help supply everyone with safe water, 9 min <http://youtube.com/EaynfRbZ0yc>
- ◆ A hidden resource: supporting people to develop their own water supplies, 5 min <http://youtube.com/0zQaNRz1hKs>

Article by John Butterworth



IRC, International Water and Sanitation Centre, is an NGO working on equitable and sustainable water, sanitation and hygiene (WaSH) services.



The MOU for Rope Pump Credit Scheme is signed!!

On February 10, the MOU for implementing a Rope Pump credit scheme, a special micro finance scheme, was signed by the three parties; namely, OMO Micro Finance Institute (OMFI), SNNPR Water Resource Bureau (WRB) and WAS-RoPSS Project. The scheme is for communities to be able to purchase Rope Pump for betterment of their life. After the signing, on February 17, the Project organized an orientation session for the OMFI staff and extension agents to help them understand the new scheme and start implementing. The OMFI extension agents together with Health Extension Workers (HEWs) and Development Agents (DAs) will be promoting Rope Pumps in the community from that day on.



MOU signing; from left, head of OMFI, deputy head SNNPR WRB and the Project deputy chief (Hawassa, February 2014)



Orientation for OMFI staff (Hawassa, February 2014)

Objective	• To establish a frame of the RP credit scheme and formalize the RP fund in OMO MFI in order to achieve improvement of rural drinking water supply through RP dissemination.
Beneficiaries	The residents in the Project target area
Credit Loan Amount	4,000 ETB
Loan Term	1 to 2 years (bi-annual or annual)
Interest	10 % flat + 2% service fee
Collateral	<ul style="list-style-type: none"> • Have at least <u>half</u> hectare of land • Have the title to an estate (land certificate) as collateral for RP credit from the kebele administration • <u>Form a group collateral</u> or • Have a house in urban areas as collateral issued from the municipalities

RP Sensitisation Seminar held in project target areas!!

As the 1st step of RP dissemination RP Sensitisation seminars were held in the project target areas. These seminars were taken place in each target woreda and each seminar lasted 2-3 days. On the 1st day, the introduction session was held at the woreda capital for the woreda and kebele administrative staff. The concept of Self Supply, the outline of the project and RP technology were introduced by SNNPR WRB.

The 2nd and 3rd day took place in kebele of the target area as on-the-job training sessions. All the sessions were facilitated by the participants of the 1st day. About 100 people gathered in each kebele session on average.



Helena Korte Kebere, Damot Pulasa

The demonstration of RP and water purification filter were favorably

received by the people. On the other hand, they posed a lot of questions about RP, for example, structure of RP, availability of ground water, with or without governmental support for RP installation, etc. The woreda and kebele staff responded to each question attentively. Installation of RPs will begin in April. Project will do its best in facilitating the process.



Bera Tedicho Kebere, Dale

About WAS-RoPSS

The Project is aiming at contributing to improve-

- ment 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, Yirgachefe.



News from WAS-RoPSS

There are high needs for RPs among households

The baseline survey was conducted from December 2013 to February 2014 in the project's target areas. 4 woreda offices and nearly 600 households in 10 kebeles were visited to collect information. PH Hydro consultant team brought an enormous effort to conduct this survey in preparation of questionnaires, training enumerators, sampling water for quality test, visiting offices and households, data entry and report writing. The enumerators had a WASH related background which made the survey more accurate.

One of the exciting responses to a question on "will you like to purchase a RP?". According to the survey, 177 households answered they are interested to purchase RP within 3 months. Based on the results of this survey, the indicators to examine the Project achievements on Project Design Matrix (PDM) - a guide and indicator for the project - will be fixed. Furthermore, the result of the survey will be referred for planning the RP promotion strategies and activities.



Baseline Survey: questionnaire to household (Yirgachefe, January 2014)



Baseline Survey: measuring depth of the well (Dale, January 2014)

Model farmer in Yetabon

Increasing income – It may be common desire for farmers who plan to have own RPs. One farmer has already realized this hope. The farmer is Mr. Hussen Dawed living in Yetabon kebele. How does he use RP and lead to the revenue increases?

Save energy to a minimum



Hussen and his wife Ayelech

"I do in this way" Hussen showed the reporter how he uses the RP. He attaches a funnel and a long hose to outlet of RP, and then takes the hose to garden and water crops. Hussen just sits by the RP and turn the handle. In the garden, one member of his family changes the direction of the hose. It is very simple. "My crop production, especially chatt, increased through the efficient watering" Hussen told us his income had gone up since RP installation, too.



Attache a funnel and a hose to outlet of RP



Turn a handle in a comfortable position

Think with an idea

Before Hussen installed RP, his water source for irrigation was an unprotected well dug in his garden. Hussen had taken water from the well, carried to the crops and watered. It was heavy work. However, he was relieved from the heavy work by RP. While the labor input was decreased, the income was increased. "If I had a RP earlier, I would have harvested and earned more".

It is up to our ingenuity- Hussen seems to give us such message.



Bits of knowledge on Self Supply

~We introduce the words related to Self supply from this issue~

What's "Self Supply"?

The basic definition of Self Supply is "Improvement to water supplies developed largely or wholly through user investment by households or small groups of households".

It means, households take the lead in their own development and investing in the construction, upgrading and maintenance of their own water sources, lifting devices and storage facilities.

What's "Rope Pump"?

Rope pump is a simple water-lifting device, which may be installed on traditional or other wells, and reduces human contact with source water.

(Look at the 1st issue of our Self Supply News. Some models of RPs are there)

Source: Sally Sutton, John Butterworth and Lemessa Mekonta.(2012) *A HIDDEN RESOURCE: Household-led rural water supply in Ethiopia*



Bushing Model Rope Pump



Windlass Model Rope Pump

Activities done in Feb. & Mar

- Feb. – RP field test continued
- Feb. – Baseline survey was finished
- Feb. – MOU of RP credit scheme was signed
- Feb. – RP Sensitization seminars were held in target 4 woredas and 10 keberes
- Feb. – MSF (Multi-Stakeholder Forum) 6 at Ghion Hotel
- Mar. – Parts for 80RPs were procured
- Mar. – 4(four) RP producers signed a contract for 80 RPs production
- Mar. – Contract on the RPs promotion activity was signed with a local consultant

Coming up in Apr. & May.

- 80RPs production
- RP promotion activity
- RP promotion goods production
- 80RPs installations
- Demonstration RPs installation in target areas.
- Training on irrigation skill using RP
- Sensitization activities on health and sanitation
- RP promotion activities through several media tools

Note: The Yellow highlighted event is a common activity for Self-supply Working Group.

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

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- <http://www.jica.go.jp/project/english/ethiopia/OO4/index.html> (English)
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