

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.



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Message from Our New Leader at WIDB in Southern Region



"Self-supply is simply self-financing.", said, Ato Kassahun W/ Giorgis, Core Process Owner, Water supply scheme, Maintenance, Monitoring and Administration, Regional Water and Irrigation Development Bureau, Southern Nations and Nationalities' People Region.

"In the first place when we say Self-supply, we mean by developing small scale water supply schemes, community based water points and of course rope pump dissemination," He continues, "And if we look at the Self-supply progress on rope pump alone, things are moving slowly for obvious reasons from different self-supply players in the region.

For example, Production capacity and quality limitations on the rope pump production from the manufacturers side were the main challenge over the last couple of years when it comes to the 10,000 rope pump dissemination in the Region, but this budget year we have a plan to install



Delivered rope pumps in Bureau's compound (Photo by Dr John Butterworth)

10,000 rope pumps in different part of the region. We have already distributed 8,500 rope pumps to zones and then to the woredas. So we hope that by the end of Growth Transformation Plan (GTP)-2 clean water coverage will grow 100% from where it is now 67%. And at the same time we will cover 20% of the uncovered population of clean water access through self-supply alone which is a big step forward on clean water supply and coverage. (Continue to next page)



Loading rope pumps and distributing to zones and woredas water offices

(Photo by WAS-RoPSS)

And with this growth we will reach 28,000 schemes.

And different stake-holders like JICA also playing their role in our region to address the issue of drinking water supply, which is great and more coordination and experience sharing needed to achieve what is on the policy. I'm optimistic on Self-supply in general, and rope pump in particular will fill the gap of clean water coverage. The region has already plan to use different channels to mobilize community to work hand in hand with Woreda WASH Teams.

Ato Kassahun also commented on the challenges of Self-supply: "Yes! There are obvious limitations in our part like lack of skilled man power, adapting new technology and addressing the issue of water quality, promoting with sanitation and hygiene education.

(Interviewed by JICA WAS-RoPSS)

Self-supply Learning Retreat held in Butajira

Millennium Water Alliance

A learning retreat on Self-supply involving regional Self-supply focals and Millennium Water Alliance (MWA) Ethiopia partners was held in Butajira from September 07- 09, 2015 (<http://www.ircwash.org/blog/learning-butajira-capital-self-supply>). The learning retreat was organized by the MWA/IRC (International Water and Sanitation Centre) in collaboration with the Ministry of Water, Irrigation and Electricity. Regional and national level Self-supply acceleration activities were presented during the retreat; and experiences were shared, challenges were discussed among the participants, and action points to establish networking among the regional focals and national level Self-supply Task Force have been set. The participants have visited and discussed with the households that have gone through Self-supply acceleration steps to have their own Self-supply facilities by JICA supported WAS-RoPSS Project.



News from National Self-supply Task Force

The National Self-supply Task Force meeting were held on 8th October and 13th November 2015. The focus areas of the Task Force meeting were Self-supply monitoring, networking and advocacy.

Self-supply in Tanzania with 4000 Rope

Mr. Henk Holtslag, Working at SMART Centre, Tanzania

Besides Ethiopia there are also other countries where Self-supply is scaled up and an example is Tanzania. A recent well drilling and rope pump forum revealed that there now are some 4000 rope pumps paid and used by families. This forum was organized by Winrock Tanzania, a USAID funded organization and some 70 people from hand drilling and rope pump companies participated. The Rota sludge manual drilling and rope pump technology was introduced in Tanzania in 2005 by the organization SHIPO with funding from the Netherlands. Now SHIPO runs a so called SMART Centre where the local private sector is trained in the production and business skills of wells, pumps, groundwater recharge, household water filters and other technologies. In the last years SHIPO receives support from Winrock and the SKAT Foundation.

The results after 10 years training is that there now are over 30 small local companies who drill tube wells and produced over 10.000 rope pumps. Some 60% of this total is installed for communal water supply mostly smaller rural communities. The other 40% is used for Self-supply mostly in Peri urban areas. Most families make a direct deal with the local rope pump producers and in some cases the pumps were purchased with micro credit. Information on the SMART Centre at www.shipo-tz.org



Practice of small scale irrigation (water distributed through closed pipe system with gravity)



At a car washing, they are using water lifted by rope pump

Self-supply Baseline Survey

Millennium Water Alliance

The MWA/IRC/A4A (Self-supply acceleration project has been conducting Self-supply baseline survey in the project woredas. In addition to the individual households, the group households for group Self-supply are also the focus of the survey. The group Self-supply that have been implemented by both government and NGOs are also analyzed for per capita cost, use and the approaches. The baseline survey is meant to provide information for the project and will be used in devising Self-supply monitoring. The first finding from Omo Nada woreda, one of the project woreda, is published as a poster; and it can be accessed at <http://www.ircwash.org/resources/poster-my-water-my-business-monitoring-self-supply-rural-ethiopia>.

Omo-Microfinance is committed

JICA WAS-RoPSS

On recent visit to the one of target woreda for monitoring of rope pumps; the team came across with an interesting development from Omo Microfinance Institution (OMFI), one of partners in rope rump dissemination activities. The activity of Yirgachefe sub-branch office on loan repayment is worth noted as a good practice. At the visit the team had an interview with Mr Mulugeta, Generalist, Yirgachefe sub branch office, OMFI.

“This budget year alone, it is already in our plan to collect half of Rope Pumps Credit in our account. We are committed to do this as a team because we know how much money tied with Rope Pump Credit scheme and it will help us a lot for revolving the money for other loan schemes. “Says, Ato Mulugeta. “We have already started this loan repayment end of last budget year partially, but this year it will be our main agenda and we are doing it now. I know some rope pump owners are started paying small amount of money which is not more than 500 birr but I’m sure if you come back and ask us around December and January, this money will be collected from the majority rope pump owners. So it is our work and our money.”

When asked about the challenges, “Yes! There were a couple of challenges or confusion about this Rope Pump Credit payment mechanism. The main challenges were to attitude and our gap. The first challenge was a question of dependency and a mentality to get things for free, still some people think that these rope pumps are gifts from the government of Japan. And it was a wrong perception. And it was difficult to change the attitude of the community in that regard. But after involving the kebele admin in our activity, we have started to see some fruits. Thanks to these different bodies on the chain. And at the moment, the story is different and the community is well informed about it. We have no attitude problem from the people. The second challenge was proper handling of documents related to the loan by the stakeholders, like water office, our agents in each kebele. I know some household owners got rope pump without providing us any documents. And it was a challenge; that entire job is done now and life is simple with OMFI”



Ato Mulugeta, in left, visiting the RP user to installed household
(Photo by WAS-RoPSS)



Ato Mulugeta, left, meeting with WAS-RoPSS team members

(Photo by WAS-RoPSS)

Finally, Ato Mulugeta, ended his interview with the following message:

“We, OMFI workers, primarily need to understand that Rope Pump Credit is our financial strength and is to use the seed money for other sector. I think it is important and I want OMFI people to be clear with that. It’s a huge amount of money and it helps us in many ways to use as revolving seed money. And once that is clear I’m sure Credit repayment may not be an issue. So let’s collect this money.”

“I keep it clean for my own healthy life” Good Practice on Hygiene and Sanitation

Voice from a Rope pump user, Interviewed by JICA WAS-RoPSS

Clean water supply for rural and livelihood improvement through rope pump dissemination with self-supply sometimes looks difficult but it may not be always true.

Ato Geremew Hidimo's rope pump is a typical example from Dale Woreda, Bera Tedicho Kebele for its hygiene and sanitation. A farmer and former soldier kept his rope pump surrounding clean and protected by three layers which give to the rope pump less contact with animals.

“Some years ago I was in the northern part of Ethiopia for military service and I saw the rope pumps there. I didn't know this easy operational water pumps were here. Then my wife and I discussed about it and we wanted to have one. After a while we have it here. Then it was not that difficult for me and my family on how to use and care the surroundings of the rope pump. Because having clean water means having a healthy life. So that is the reason”, said Ato Geremew Hidimu.

On a recent water quality test carried out by the Project in collaboration with Regional Water and Irrigation Development Bureau, Ato Geremew's well was found E-coli free. And it is good to point out the contribution of Ato Geremew and his families' commitment to their hygiene and sanitation.

“We do this cleaning turn by turn to each other in the family.”, says Ato Geremew. If I'm not around my wife will take care of it. If both of us are not around then our children do the cleaning. It's easy, there is no money used for putting fence around the pump, everything I have used for this pump is form the source I have. And I don't mind to use money if necessary but I don't think it is that important. “



Ato Geremew, in center
He made a wooden fence for protection the RP well by himself
(Photo by WAS-RoPSS)

“I will be happy if people use my experience to their own wells (rope pumps). Added Ato Geremew when asked about for his message, “Our health is on our hand. This is water, can be contaminated in many ways. I have been told to do certain things about hygiene and sanitation on rope pump by Health Extension Workers and people from the Project. Then I have been practicing it since I heard”

Geremew Hiddimu, Rope Pump user
Bera Tedicho Kebele, Dale woreda

(Interviewed by WAS-RoPSS)

RP Standardization is under completion

JICA WAS-RoPSS

Rope pump technology, which has been introduced to Ethiopia 10 years ago by JICA, is under a process of standardization.

A technical working group was formulated with private manufacturers, local and international rope pump specialists, and held a series of discussions for standardisation. As the idea of rope pump standardization is not to have a single RP model, but a range of models that fulfil minimum specified standards, the group has stipulated dimensions and specifications of materials for the rope pump with a leading role of WAS-RoPSS Project. These all pre-condition processes for the standardization have been completed and submitted to the Ministry of Water, Irrigation and Electricity in July 2015, and now the Ministry is expected to apply to Ethiopian Standards Agency to secure the standard.

Activities done in October & November 2015

SEP	7-9	Self-supply learning retreat in Butajira (MWA-EP)
SEP	15-17	Program management meeting in Assosa (MWA-EP) with the main focus on SSA plan strategic revision
NOV	26-30	2015 Water and Health Conference, UNC Water Institute - at University of North Carolina at Chapel Hill (WMA)
NOV	12	RP dissemination Handbook Outline meeting (WAS-RoPSS)
NOV	19	RP manufacturing, installation, O&M Manual Validation Workshop (WAS-RoPSS)
NOV	20	RP Installation check list Making Workshop (WAS-RoPSS)

Coming up in December 2015 & January 2016

- Baseline survey in Dugda woreda, Data cleaning, analysis and write-up (WMA)
- Designing challenge fund and launching it for private sectors in line with self-supply (MWA)
- Self-supply baseline survey in five woredas of Amhara region, Data cleaning, analysis and write-up (MWA)
- Discussion with ACSI to engage them in providing loan for self-supply (MWA)
- Market Assessment and product development by ACSI in some woredas of self-supply acceleration project woredas (MWA)
- Promotion Orientation and Introductory RP Installation training in Southern Region, supporting for 10,000RP dissemination (WIDB/WAS-RoPSS)
- OMFI Progress Meeting (WAS-RoPSS)
- Community meetings for RP promotion and Installation of RPs by village technicians in business base (Supported by WAS-RoPSS)

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

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Websites

- [JICA] <http://www.jica.go.jp/oda/project/1100485/index.html> (Japanese)
- <http://www.jica.go.jp/project/english/ethiopia/004/index.html> (English)
- [MoWIE] <http://www.mowr.gov.et/>
- [IRC] <http://www.irwash.org/>
- [A4A] <http://www.aquaforall.org/>
- [RW5N] <http://www.rural-water-supply.net/en/resources/details/662>
 (Self supply fair presentations are available!)
- [IRC] <http://www.irwash.org/>