

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.



★ Self-Supply Fair ★

Self-supply Fair was held from March 19 to 22, 2015 (4 days) in Addis Ababa, as a part of World Water Day (WWD) event, organised by MoWIE. The Fair was supported by the development partners, such as WAS-RoPSS, IRC, Millennium Water Alliances, Aqua for All, Water.org and RWSN.

A series of events were organised, focusing on Self-supply with the theme "My Water, My Business", aiming at encouraging the Self-supply promoters, including private sector service providers; water, sanitation and hygiene (WASH) products producers and suppliers. On March 19, the exhibition and a match-making event were held, while more than 30 exhibitors working in WASH sector displayed and demonstrated their products. The exhibition was opened by H.E. Ato Wondimu Tekle, State Minister and continued till March 22 and a



Business match making event
*Read more about this event in the next page→

variety of people visited the exhibition booth, including the ministers; H.E. Ato Alamayehu Tegenu and H.E. Ato Kebede Gerba, government officers, development partners, students, entrepreneurs and others.

Seminar on Water Supply and Sustainable Development was organized by MoWIE from March 20 to 21. The focus of the 1st

day of the seminar was Self-supply. Over 160 participants attentively listen to the presentations on the experiences of Self-supply from Ethiopian and international experts. Active discussions were held in the panel sessions on how to accelerate Self-supply in Ethiopia.

On the second day of the seminar (March 21), 6 academic papers were presented by the outstanding researchers and practitioners, whose main focus were on sustainable development and water.



Exhibition booth visit by H.E. Ato Alemayehu Tegenu, MoWIE



HE. Ato Kebede Gerba, State MoWIE, watching how rope pump works.

Throughout the series of events, the key players in rural water supply including from drilling and HHWT businesses meet with each other and were encouraged to make business relationships. In particular, it was a good opportunity for the private sector partners being triggered for further promotion of Self-supply.



Seminar (March 20 to 21, 2015, Capital Hotel)

Exhibition (March 19 to 22, 2015, in MoWIE compound)

★ Self-Supply Fair ★

Exhibition, matchmaking event and introduction of the business catalogue (Marlies Batterink, Aqua for All)

Ethiopia is pioneering new approaches in water, sanitation and hygiene (WaSH) that draw upon the resources of local people, communities and entrepreneurs to further improve water security, food security and wealth. The 'My Water, My Business' fair on March 19-20th -part of the official celebrations around World Water Day- included two events which tap into these new efforts and connected sector policy-makers, development partners and professionals. The key message: Households can do a lot by themselves to improve their water and sanitation facilities and related hygiene practices, which are underpinned by the efforts of utilities, governments and other traditional service providers.



present – describing their business models and their requirements (Self-supply business catalogue: <http://aquaforall.org/wp-content/uploads/2014/12/Self-supply-Matchmaking-Business-Catalogue-2015.pdf>). During the fair the entrepreneurs had the opportunity to not only show their products and services, but also to connect with potential customers and exchange ideas with other partners to improve their business. During an exciting afternoon session, five ambitious WASH-related entrepreneurs pitched their business cases to an experienced panel of experts, chaired by Aqua for All's managing director Sjef Ernes. The panel provided the entrepreneurs feedback and offered links to potential new partners, customers or funders to improve and accelerate their business opportunities. This kind of matchmaking between entrepreneurs and potential partners is new to the Ethiopian context – but was received with great enthusiasm! Entrepreneurs and the audience showed great interest in repeating these kind of showcase events at the regional level - and putting en-



Aqua for All is currently involved in the Self-Supply Acceleration program with IRC and MWA. Aqua for All's specific contribution in this program is to support local private sector development to deliver those goods and services to meet the (potential) demands from households.

Together with key Self-supply stakeholders (Ministry of Water, JICA, MWA, IRC, Water.org and RWSN), Aqua for All co-organised a self-supply business fair & matchmaking event. At the fair/exhibition more than 30 entrepreneurs showcased their products and services, targeting urban and rural household markets. A business catalogue was produced, including an overview of all businesses



Self-Supply Fair: State Minister, HE. Ato Kebede visiting the exhibition



Self-Supply Fair: Rope pump manufacturer showing his product



Self-Supply Fair: Participants interested in Rope pump

Bits of knowledge on Self Supply

**Irony? Subsidy in Self-supply*

The Government of Ethiopia committed itself to accelerate Self-supply as one of the service delivery modes in water supply and produced "the Policy Guidelines for Self Supply Acceleration" in 2012, which stipulates the principles, strategic approaches to Self-supply acceleration as well as the roles of the stakeholders. In the Guidelines, "partial subsidy approach" is introduced as the group-led households may apply for subsidy not more than 50% of its investment for their water supply improvement activities.

It is not easy to demarcate the communal water supply and this partial subsidy approach in Self-supply, while many stakeholders in water sector misunderstand that Self-supply is a supply-oriented improvement of water supply. It is important for the Self-supply promoters to be aware that **the presence of subsidy and non-subsidy approaches in a same place, both as a part of Self-supply programme, may cause confusions in the rural communities and may have a risk of discouraging the ones who would like to self-finance his/her family well without subsidy.**

WAS-RoPSS Project is currently focuses on the household level improvement of family wells, which should be 100% self-financed.



★ Self-Supply Fair ★

Field Trip to Meskan Woreda (André Olshewski, RWSN and Henk Holtlag)

In a one day excursion, a group of national and international experts visited Meskan Woreda in SNNPR to learn on the ongoing efforts for accelerating Self-supply and in particular on the promotion of the rope pump. Different types of rope pumps were visited including wooden poles at lower costs or a prototype using reformed rubber for the wheel.



Field Trip: visiting pole model rope pump

Through discussions with producers of rope pumps it became clear that households are interested to purchase their own rope pump, but it needs ongoing promotion and follow up.

Financing systems through locally managed credit schemes allow rural households to purchase rope pumps at affordable conditions. The rope pumps visited were installed both at household compounds and institutions. The water from rope pumps is mostly used for drinking water purposes as well as for some productive use. So far mostly better off households decided to invest in a rope pump. This might be as these households are more open and have the capacities for investments and own initiatives.



Field Trip: demonstration of pump repair by village technician

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How to get attention to water quality? (Takashi Nedachi, JOCV)

Let us think about "what can we contribute for Ethiopian people using our water profession under self supply?". In terms of water quality testing, I would like to suggest several essential activities to be conducted, based on my field experiences.

Firstly, it is important to select adequate water quality test kit to be sustainably used. In other words, it is not always necessary to have expensive and complicate tools. Usually, simple test kits are sufficient for knowing water quality of hand-dug wells.

Secondly, the officers in charge of water quality needs practical follow-ups – on-the-job trainings - to avoid the test kit kept locked in a store room for no use. Nowadays, Water and Health Bureaux at any level have the test kit, however unfortunately, most of the cases, the kits have been out of use. I believe anyone can conduct water quality test if they repeat practicing. I can state that all the officers have a high potential to do it based on my observation of the activities.


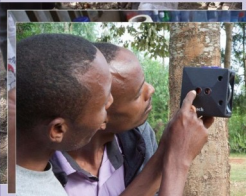
Thirdly, water quality testing can be an opportunity to attract local people and bring attention to "what is safe water?" It is a trigger for households to think about improving their water supply facilities in self supply manner. Through integration of sanitation and hygiene activities, synergetic effect will emerge.

As a conclusion, my recommendations on intervention method of water quality activities are; 1) simple water quality test should be conducted at the field to raise awareness of water and hygiene for local people, in terms of specific definition of "safe water" and 2) practical training on how to use test kits for bureau staff should be repeatedly implemented for them to acquire the technique with confidence. The inclusive self supply activities are nothing less than well-being for all.

Journey to on-site!



2. How do we analyze water quality on-site?

<p>< Bacteria test > e.g. E.Coli, TTC: Thermotolerant coliforms = Fecal coliforms</p> 	<p>< Physico-Chemical test > e.g. pH, Turbidity, Conductivity, Fluoride, Nitrate, Iron, Manganese etc.</p> 
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Conclusion...



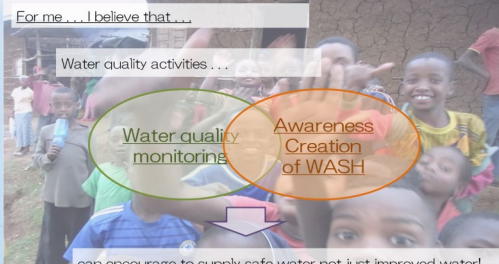
For me... I believe that...

Water quality activities...

Water quality monitoring

Awareness Creation of WASH

can encourage to supply safe water not just improved water!






TVETC* Instructors Trained on RP Manufacturing, Installation and Maintenance

“This was my first experience in my career in TVETC* to receive such a well-organised training”, said Ato Mohammed, one of the participants of Training of Trainers (TOT) on rope pump manufacturing, installation and maintenance in his remark at the closing ceremony. The participants were twelve instructors from 6 different TVETCs in SNNPR. These TVETCs are of: Hawassa, Wolaita Sodo, Arba Minch, Hossana, Wolkite



The participants individually made one and Bonga, and the whole unit of rope pump

training was organized at Wolkite TVETC (Poly Technic College) from March 2 to 31, 2015. Three private trainers also participated. The training was the continuation of the installation training held in November 2014, composed of lectures and practical exercises, and all the participants produced one each unit of rope pump. Four rope pumps were installed at neighbor churches and mosques during the installation exercises, which will be maintained by the users

and supervised by the Wolkite TVETC. Throughout the training period, the Dean of the college as well as some technical staff attentively supported in the administrative and logistic aspects, and both Zonal and Woreda Water Offices extended its assistances to the training activities as well. All 15 trainees successfully completed the training course and are expected to practice teaching of rope pump technology to the others in near future. It is a great opportunity for the Self-supply acceleration in SNNPR, where a large number of rope pumps are to be promoted and disseminated.

*Technical and vocational education and training college

TOT participants took an excursion trip to Addis Ababa and participated in Self-supply Fair on March 19, 2015



Self-Supply related Activity Schedule

Activities done in Mar. & Apr. 2015

- Mar. - TOT on rope pump manufacturing, installation and maintenance in SNNPR
- Mar. - Self Supply Fair and World Water Day and celebration for MDGs achievement at Addis Ababa (March 19-23)
- Mar. - Rope pump installation by village technicians in WAS-RoPSS Project areas
- Mar. - Self supply training held by Water Resource Bureau (WRB)-SNNPR in Arba Minch and Mizan
- Mar. - Rope pump promotion activities in WAS-RoPSS project areas
- Mar. - Baseline Survey design and undertaking using Akvo Flow (smart phone) in Omo Nada woreda
- Mar-Apr - Well technical assessment for the candidate households in WAS-RoPSS project areas
- Apr. - Training on “agriculture and rope pump” for livelihood improvement
- Apr. - Awareness creation on hygiene and water quality of the well in the Project areas
- Apr. - Self-supply sub working group preparatory meeting
- Apr. - Proceeding the baseline survey in other woredas six woreda
- Apr. - Review and planning workshop with MWA-EP Partners on self-supply Acceleration
- Apr. - Joint SSA training with MoWIE to five regions water Bureau staffs

Coming up in May & Jun. 2015

- Production of two new rope pump models by rope pump manufacturers
- Training on installation of two new rope pump models for village technicians in the WAS-RoPSS project areas in SNNPR
- Orientation on rope pump and self supply for four newly selected woredas in SNNPR (organized by WAS-RoPSS)
- Hand-dug well technical assessment, households survey and water quality tests in the WAS-RoPSS project areas in SNNPR.
- Mini-WASH workshop for the WAS-RoPSS project areas.
- Self-supply sub working group meeting.
- Data analysis and fact sheet production for Omo Nada Woreda
- Self-supply learning retreat for key self-supply cadres
- Private sector involved in self-supply mappings in MWA-EP project woredas
- Proceeding the MWA-EP project baseline survey in other six woredas

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

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[JICA] <http://www.jica.go.jp/oda/project/1100485/index.html>
(Japanese)

<http://www.jica.go.jp/project/english/ethiopia/004/index.html>
(English)

Webistes

[MoWIE] <http://www.mowr.gov.et/>

[IRC] <http://www.ircwash.org/>

[A4A] <http://www.aquaforall.org/>

[RWSN] <http://www.rural-water-supply.net/en/resources/details/662> (Self supply fair presentations are available!)

[IRC] <http://www.ircwash.org/>