



An EU H2020 PROJECT



FLOWERED

de-FLuoridation technologies for imprOving quality of WatEr and agRo-animal products along the East African Rift Valley in the context of aDaptation to climate change

FLOWERED NEWS

Newsletter n°3 – October 2017

FLOWERED Project Coordinator's Note

Dear reader,

As announced in the first newsletter, we keep you informed and up-to-date about our activities with our FLOWERED newsletter which is issued quarterly.

This newsletter features the last activities carried out by the members of the FLOWERED consortium, and gives a roundup of Arusha Regional Conference.

Read further for details for daily updates, follow us on Twitter @Floweredproject, Facebook @FloweredEastAfrica, linkedIn FLOWERED East Africa, and Youtube Channel FLOWERED

All the best,

Giorgio Ghiglieri

FLOWERED Consortium

The de - FLuoridation technologies for imprOving quality of WatEr and agRo - animal products along the East African Rift Valley in the context of aDaptation to climate change project (FLOWERED), is a 3 years' project (June 2016 - May 2019) funded by the European Union's H2020 Research and Innovation Programme.

FLOWERED consortium is composed by eight institutions legally established in the European Union, and belonging to three different Member States (five research institute and four SMEs). In addition to the European partners, six partners from International Cooperation Partner Countries (ICPC) in Africa (three research institutes, one SME, one international organization, and one NGO) are members of the consortium:

- African partners: ADDIS ABABA UNIVERSITY - AAU, UNIVERSITY OF ELDORET - UOE, THE NELSON MANDELA AFRICAN INSTITUTE OF SCIENCE AND TECHNOLOGY - NM-AIST, OIKOS EAST AFRICA - OEA, OBSERVATOIRE DU SAHARA ET DU SAHEL - OSS (lead partner in charge of knowledge sharing and technology transfer), HYDRO TECHNICAL ENGINEERING SRL -HTE, GEOMATRIX PLC,
- EU partners: UNIVERSITA DEGLI STUDI DI CAGLIARI - UNICA (lead partner in charge of), UNIVERSITA DEGLI STUDI DI SASSARI - UNISS), UNIVERSITA' DEGLI STUDI DI SIENA - UNISI, UNIVERSITAT DE BARCELONA- UB, ABERYSTWYTH UNIVERSITY - IBERS-AU, PLANETEK ITALIA SRL, D D'ENGINY BIOREM

FLOWERED new website

The brand new FLOWERED website is now online!

To consult the new website, please follow this link: <http://www.floweredproject.org>



FLOWERED First Regional Conference - Arusha - Tanzania

1st Regional Workshop, 18th July

With the support of the Nelson Mandela African Institute for Science and Technology - NM-AIST - Tanzania, the regional workshop has been organized in Arusha. This workshop gathered about 60 stakeholders and members of the FLOWERED Consortium. An interactive and participatory dialogue engaged during the day allowed the participants to better understand and have a precious feedback to the project activities. The media present contributed to a good dissemination of the first results of the project activities.



For more information about the Workshop, please visit the FLOWERED website:

www.floweredproject.org, and watch the video on this link: <https://youtu.be/UzaZO82AzOc>

1st Field Exchange of experience Workshop, 19th July

The first Exchange of experience on the Field planned in Arusha allowed to show the project study areas in Tanzania, in particular: i-) Overview of the landscape and related fluoride problems and constrains at Oldonyo Sambu site ; ii-) Geological and hydrogeological assessment and related issues linked with fluoride contamination in water bodies on the same site; iii-) Area of Ngare Nanyuki site devoted to agriculture actions (tomato plant, Maize...) where project activities have already been implemented showing the first symptoms of suffering probably due to excess of fluoride.



For more information about the field trip, please watch the video on this link:

<https://www.youtube.com/watch?v=YE4TI64DV-o>

FLOWERED Recent activities

Focus on FLOWERED Research activities in Tanzania

(Arusha and Pangani Basin Water Board in Moshi)

A mission was organized from 13 to 23 October 2017 in Tanzania, to share the results related to the Development of innovative water defluoridation technologies activities (WP3), the new strategies and the analytical methodology for the laboratory experiments. It was also discussed about the best design solution for the filters. Time was also dedicated to discuss about some other activities, as data collection, field survey related to the WP1, to be held in the Pangani Basin Water Board in Moshi.



According to the important results registered, the first prototype of the filter will be prepared at the soonest, to be tested in laboratory and in the field. The results of Flowered will be published and presented in International Conferences.

Consortium members participating to the mission: *Prof. Giorgio Ghiglieri, Dr.ssa Elisabetta Dore, Dr. Alfredo Idini (UNICA), Dr. Stefano Bilato (HTE), Dr. Revocatus Machunda and Staff of NM-AIST and Eng. Simon Kayala (OIKOS-EA)*



Dissemination & Communication tools

Posters presented during the poster session, at the 1st regional Workshop, held in Tanzania

Posters session was conducted during the whole Conference day, and it was an opportunity for stakeholders to ask for more details about the activities carried out during the 1st year of the project. The posters are available on the FLOWERED Website.



Dissemination of FLOWERED Project

To local population, in Swahili

The flyer of the FLOWERED project, which presents the main objectives and partners of the project, translated into Swahili, has been disseminated to local communities during the Exchange of Experience on the field, held on 19 July in Arusha.



Masai farmer, reading the FLOWERED leaflet in Swahili

At the National level, in Tanzania

Several medias attended to the 1st Conference and to the Field trip, the events were relayed in the press and on television.



At the international level

- UNFCCC COP 23 – Bonne 6 to 17th November 2017:

On the occasion of its participation in cop23, the OSS presented the FLOWERED project on its information booth, during two weeks, and distributed flyers and gooc



OSS Information booth at UNFCCC COP 23

Production of 2 new videos - 2017 Conference & Field activities



After the first Regional conference and the Exchange Experience on the field in Arusha, two new videos has been produced to show hotspots related to these events. These videos are available on the FLOWERED Youtube Channel.

