

WATERSOLUTIONS

Water & Waste Water Technologies



INTERVIEW

John Booth: "Sustainable developments to make our environment and lives even better"

RESEARCH

Decision support for planning and operation of drinking water supply systems

DEVELOPING COUNTRIES

Living in the 'hottest room' of hothouse Earth

Safe drinking water for better health and better life

An up-to-date drinking water technique made in Viersen (Germany) meets the centuries-old traditions of the Maasai in Tanzania, Africa



Raw water source for the village Sukuro, Tanzania, Africa

The biggest PAULA (POTABLE AQUA UNIT – LASTING AND AFFORDABLE) unit up to now was inaugurated on February 8, 2017 during a celebration in a small village named “Sukuro”, located three hours away by car from Arusha in Tanzania. This plant produces 24,000 liters of clean drinking water per day for the local population. In former times, the village’s source of drinking water was a storage-lake nearby, which is fed only by rainwater. The population used buckets and small canisters to take the murky and foul-smelling water home to their families. Often the water was polluted by the excrements of animal herds and due to the common use of humans and animals, it was also contaminated by unhealthy germs. Since its inauguration, PAULA has changed the life circumstances of the inhabitants of Sukuro for the better, and the result is literally clear: in the form of clean and healthy drinking water. The United Nations consider clean drinking water to be a basic and important human right. Unfortunately, reality is often dif-



Residents of the village in front of the PAULA drinking water system, on whose roof the solar panels are installed

ferent: approx. 1.5 billion people don’t have access to hygienically safe drinking water and are constantly exposed to health risks. Due to the implementation of PAULA in Sukuro this scenario now is history.

Rebecca Trienekens-Domrös, Managing Director of PAULA Water GmbH, commented the results: “It is always a very special experience to see the expectant and happy faces of the people and to be part of the community, even if only for a short moment. But not only on the inauguration day of our plant the citizens will feel the change – from now on the people of Sukuro will feel it every day. We especially thank ‘upendo e.V.’ (registered charity for the support of development projects in Africa) and the ECLAT Development Foundation for the smooth implementation and co-operation.”

The company

PAULA Water GmbH is a middle-size company based in Viersen, Germany. For the past seven years, the company has been planning and implementing drinking water treatment systems to supply people in rural areas of developing and emerging countries. In order to meet the sanitary and economical requirements in underdeveloped regions on earth, PAULA plants have been invented. They are safe and affordable and can be implemented in many affected areas. The first plant was erected in 2011 at Tam Nong Hospital, Vietnam. Up to now several water treatment plants in Vietnam, Tanzania and Republic of Congo have been added.

Further information:

www.paula-water.com



The raw water of the reservoir compared to the water processed by PAULA