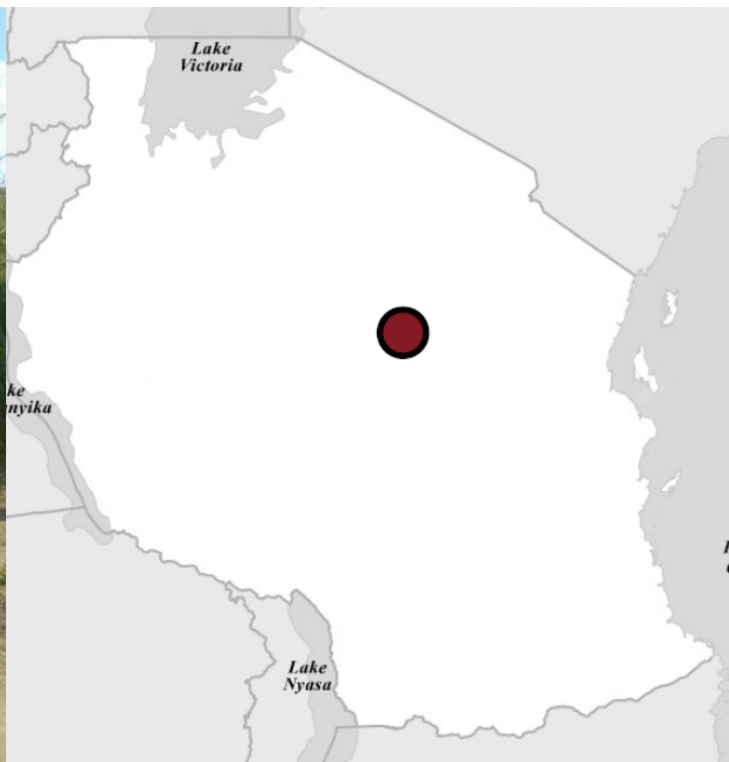




HUZI WATER PROJECT, TANZANIA

▼ CHAMWINO DISTRICT



BRINGING
ISRAELI INNOVATION
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VILLAGES

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HUZI VILLAGE WATER PROJECT, TANZANIA



PROJECT NAME:

Huzi Water



Project

LOCATION:

Chamwino District, Tanzania



IMPACT:

2,247 people



TIME FRAME:

Project will be complete within 3-6 months after receipt of funds.



COST:

\$50,000

Includes technology, transport, training, installation, sustainability, remote monitoring and operating costs.

Huzi village is located in the Chamwino district, and is home to 2,247 people. 89 kilometers from Dodoma, the capital of Tanzania, the village is far from access to basic services, and the nearest access to energy is 41km away.

The queue to fetch water in Huzi is very long, and sometimes it can take over an hour until a family get its turn to fill its buckets. During the last dry season, the Huzi community well dried, and they did not have any access to clean water. As women and children are in charge of water fetching, they had to go further away, looking for natural water sources.

The water from these sources is not safe for drinking. However, being the only option available to the community, its being used for drinking and domestic purposes when needed. Accordingly, the community members suffer often from water-borne diseases, such as diarrhea or cholera.

Innovation: Africa's solar water program provides a solar water pumping system to the community, with taps spread throughout the village. The daily risks of contracting a water-borne illness are minimized, and the health benefits are undeniable. With access to clean water, the community as a whole will be happier and healthier.

Will you help us bring a healthier future to Huzi Village?

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IN PICTURES



When the local well dries, women have to start looking for other water sources. Often, these would be found far away, contaminated.



The lines to fetch water are incredibly long, and women find themselves waiting for over an hour at the source.



As the water resource is down a steep hill, women have to help each other to get their buckets up to the road.



They will then start the long way back home, carrying their heavy buckets, trying to reach home before darkness.



ON THE GROUND:

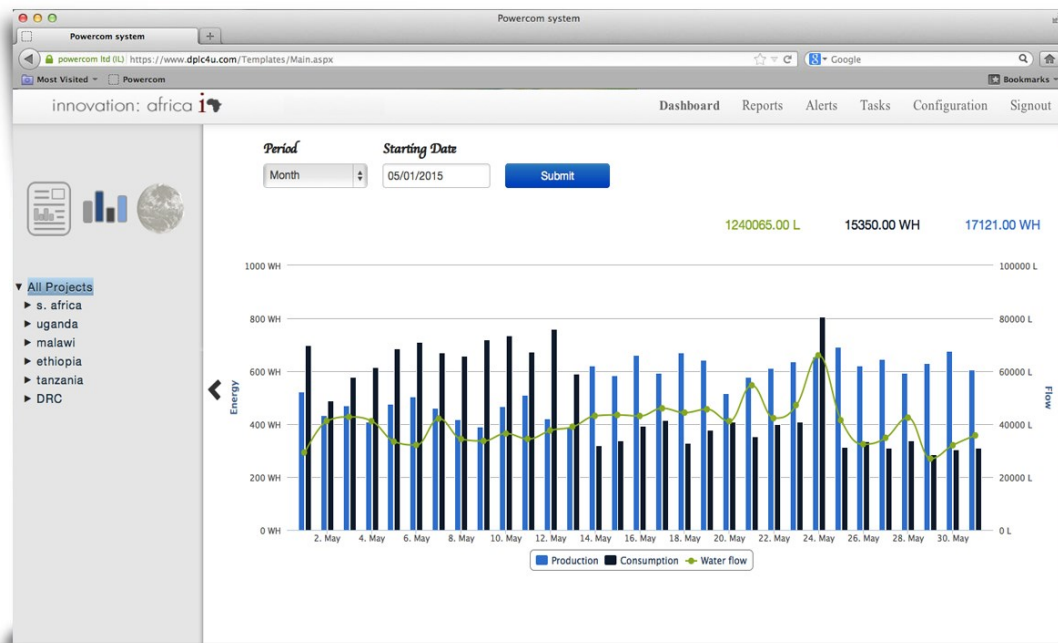
Innovation: Africa has a team of project managers and contractors on the ground in every country in which we operate. It's important to us that our local teams are all from the countries in which they are working, meaning they speak local languages and understand the communities with whom they work.

SUSTAINABILITY:

To make our projects truly sustainable, communities need a source of revenue to maintain their solar systems. Light bulbs need to be replaced. Batteries die. And so we work with every community to set up a business— usually a solar powered cell phone charging station. Income from this business is managed by the community and used to maintain their solar system.

REMOTE MONITORING:

To make sure our solar systems are working, we use remote monitoring technology from Israel. These monitoring devices measure the energy produced and consumed by our solar panels in real time, meaning we can predict problems before they start and even perform remote diagnostics, making sure our panels never fail to provide our communities with the energy they need.



HELP BRING CLEAN WATER TO HUZU
 WE'LL SEND YOU PHOTOS AND STORIES FROM THE FIELD SO YOU CAN GET TO KNOW THE PEOPLE AND COMMUNITIES IMPACTED BY YOUR SUPPORT.

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