

Young Water Fellowship 2018



Empowering young social entrepreneurs

to kickstart their own water and sanitation solutions



Young Water Solutions is an International NGO based in Brussels created by young and senior water professionals, that since 2015 empowers young people in low and middle income countries to implement solutions to water and sanitation issues in their communities.



Since its first edition in 2017, our flagship programme the **Young Water Fellowship** provides young entrepreneurs from low and middle-income countries the **training**, **mentorship** and **seedfunding** that they need to pilot and launch their social business initiatives to solve water, sanitation or other water management issues in their communities.

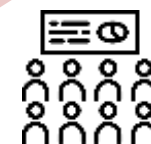
Outreach & call
for applications



Selection
of Fellows



2 weeks start-up
training



Seed funding
assigned



Start-up
piloting



Coaching &
mentor
matching



Connection
with other
enablers



Young
Water
Fellowship



2018 CALL FOR APPLICATIONS

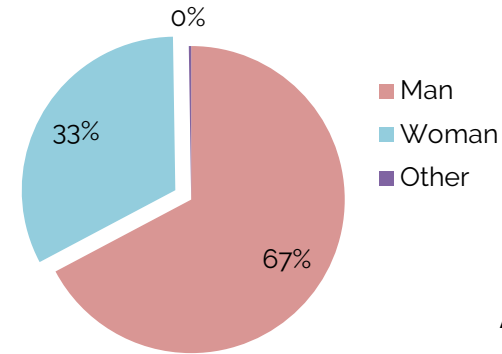
Call open *April 26th to May 16th 2018.*

130,000 people reached via Facebook and Twitter

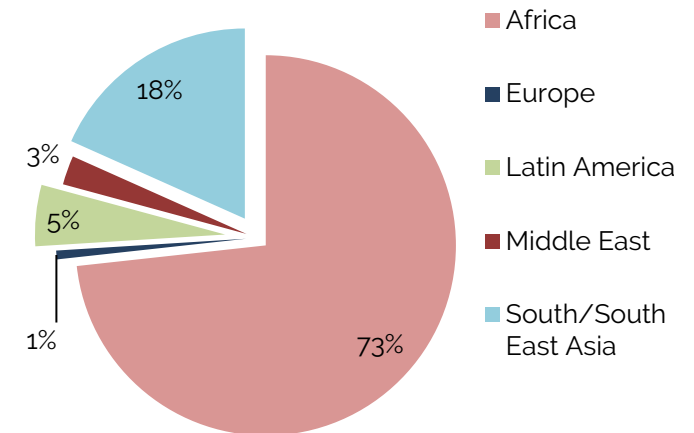
430 applicants from *63 countries.*

10 young leaders selected to become
Young Water Fellows

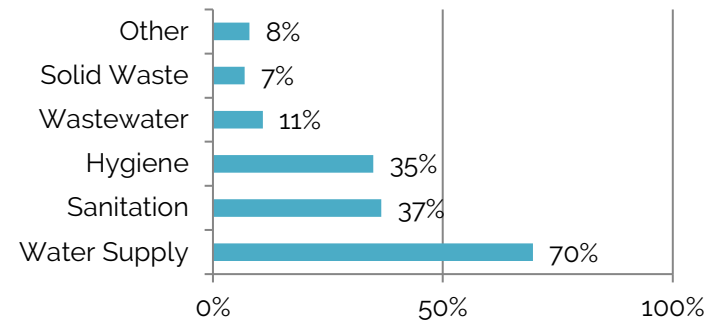
Applicants gender distribution



Applicants geographical distribution



Project WASH categories





TRAINING OVERVIEW

Delivered with

cewas

Dates: *13th August – 14th September 2018.*

Location: *Switzerland, Italy, Sweden & Belgium.*

Modules:

1- Find your niche in the global water sector.

Introduction to the programme and market and water sector trends. Fellows narrow down the business idea. A field trip to Italy for teambuilding and reflection about priorities.

2-Develop your social business model.

Transformation of ideas into concrete business models. Using the business model canvas (BMC), Fellows identify their value proposition and develop a Minimum Viable Product.

3- Convince the Global Community at World Water Week.

Pitching in front of a vast range of potential partners and getting feedback. Lots of networking as well as specific events for Fellows to pitch their initiatives.

4- Launch your first project & social business.

Forming comprehensive and convincing business plans, writing concept notes and following up on leads. Fellows ready to pitch to partners with knowledge and skills needed to launch their start-up.

TRAINING OUTCOMES

Fellows increased their knowledge on setting up WASH social businesses.

100% of Fellows indicated that the training increased their knowledge about business and WASH and 94% said that their expectations about the training were mainly or fully met.

Fellows improved their social business models.

The training combined lectures with individual working time where coaches gave specific feedback and supported each Fellow in the process of applying the content learnt to their business models.

Fellows increased visibility & supporting networks.

Fellows were exposed to relevant stakeholders and potential partners at Stockholm's World Water Week and at the YWF Pitching Night attended by 100 people including 20 Ambassadors, philanthropists, social impact investors, EU representatives and Belgium's Vice Prime Minister as the key-note speaker.



MEET THE FELLOWS & THEIR PILOT PROJECTS...



Having participated in the training, Fellows were invited to submit seedfunding applications to pilot their social business. 9 Fellows were subsequently awarded a *total of €37,100 seedfunding.*

They received *continuous coaching* from YWS throughout the implementation of their pilots and were *paired with mentors* according to their needs.



The pilot projects alone had *3,500 beneficiaries.* What's more, participation in the YWF enabled many Fellows to go on to *scale up their business* and receive *awards and significant investment* following their pilot projects.

Read on to discover their pilots and the outcomes achieved!

ISABEL AMORIN (GUATEMALA)

26 years old in 2018

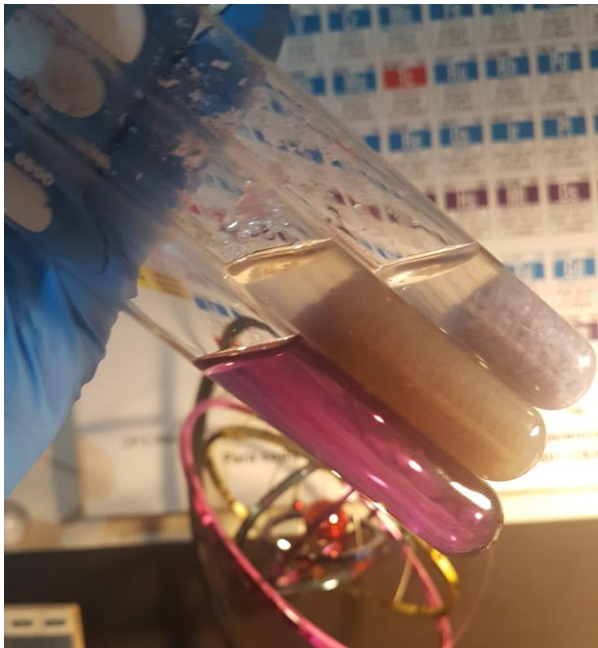
Crustatec

Crustatec is a water filter made out of shrimp shells waste that filters the dyes in the wastewater of textile industries and artisans.

- **Pilot location:** Guatemala
- **Amount funded:** €5000
- **Outcomes:** Filter prototype improved and tested with local artisans; polymer tested with textile industries. Patent is underway.
- **Scale-up plan:** Since starting her pilot, Isabel has received numerous awards and recognitions. She is now setting up the operations plant and looking for support for production at industrial level.

PILOT COMPLETED – GOALS ACHIEVED





JACOB AMENGOR (GHANA)

28 years old in 2018

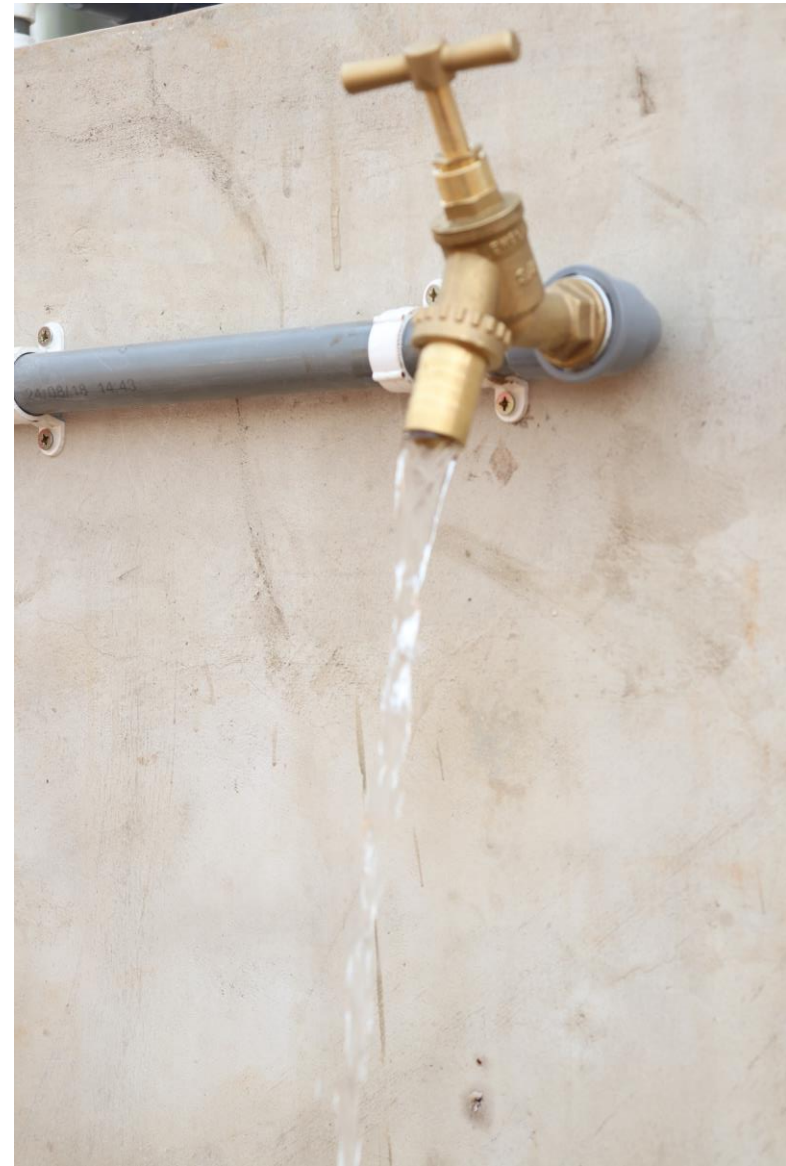
iWASH Africa

iWASH Africa is a social business that provides integrated water and sanitation services through solar-pumped water supplying kiosks and micro-flush toilets.

- **Pilot location:** Abutia, Ghana
- **Amount funded:** €5000
- **Outcomes:** Rehabilitation of existing borehole and solar-pumped water kiosk created.
- **Scale-up plan:** Jacob is looking for funding to upgrade the kiosk infrastructure and automatize it, as well as to expand to other communities.

PILOT COMPLETED – GOALS ACHIEVED





BETH KOIGI (KENYA)

27 years old in 2018

Majik Water

Majik Water is a drinking water supplier that uses air to water technology that harvests the air humidity to turn it into water.

- **Pilot location:** Arch's Children Home, Kenya
- **Amount funded:** €5000
- **Outcomes:** Install a 50L air-to-water machine to for orphan children, while testing the machine's efficiency.
- **Scale-up plan:** Majik Water continues to supply air-to-water machines to a number of clients in Kenya, South Africa, India and beyond.

PILOT COMPLETED – GOALS ACHIEVED





NUHA ANFARESI (INDONESIA)

18 years old in 2018

Aikite

Aikite produces sand water filters – made of crushed local sand, which removes heavy metals from tin mining pits turning it into clean water.

- **Pilot location:** Bangka, Indonesia
- **Amount funded:** €5000
- **Outcomes:** First 10 BankSand Water Filters to sell, and community filter installed.
- **Scale-up plan:** Nuha is in the process of engaging public and private partners for the replication of the community filters, and establishing the filter sales mechanism.

PILOT COMPLETED – GOALS ACHIEVED





ELIZABETH NTUKAI (KENYA)

25 years old in 2018

Maji Mamas

Maji Mamas is a social enterprise led by Maasai women that makes ISSBs (Interlocked Stabilized Soil Blocks) to build rain harvesting tanks and pit latrines.

- **Pilot location:** Eremet, Kenya
- **Amount funded:** €5000
- **Outcomes:** 5 rainwater tanks partially finished, built with ISSBs made by the Maji Mamas. Brick-making machine acquired. 15 women trained in social entrepreneurship and business management.
- **Scale-up plan:** The pilot is still in process, and they are looking for support to build more tanks.

PILOT UNDERWAY





ANNA BESERRA (BRAZIL)

22 years old in 2018

Aqualuz - SDWater

Aqualuz is a solar-based water filter for biologic contamination that is incorporated in existing rain harvesting systems

- **Pilot location:** Semi-arid areas of Alagoas, Bahia and Ceará, Brazil
- **Amount funded:** €5000
- **Outcomes:** Prototype improved, quality certification in process and 50 filters provided to 50 families.
- **Scale-up plan:** Anna has won multiple awards for Aqualuz and SDW. She has multiple clients in Brazil, including government, and is in the process of exporting to African countries.

PILOT COMPLETED – GOALS ACHIEVED





JONATHAN KAYAMBA (TANZANIA)

29 years old in 2018

Sani-Loan Initiative

Sani-Loan Initiative provides affordable sanitation solutions by constructing toilets and latrines with an accessible loan scheme package with low-interest rates.

- **Pilot location:** Biharamulo, Tanzania
- **Amount funded:** €5000
- **Outcomes:** 10 first latrines built, families trained in sanitation and hygiene.
- **Scale-up plan:** Jonathan is starting to receive families' payback, and applying for funding to reach new communities, while working in WASH for an NGO.

PILOT COMPLETED – GOALS ACHIEVED





CESAR MALDONADO (MEXICO)

26 years old in 2018

CPlantae

CPlantae employs innovative natural systems for the treatment and use of wastewater that integrate various highly efficient biotechnologies.

- **Location:** Mexico
- **Amount funded:** €0
- **Outcomes:** After the training Cesar decided to pursue studies at the IHE Delft in the Netherlands. However, his business continues to operate in Mexico with his co-founders.
- **Scale-up plan:** CPlantae is now an established social business and has been nationally and internationally recognized. Cesar continues to work in The Netherlands for a water company.

<https://www.cplantae.com/>



SONITA MBAH (CAMEROON)

24 years old in 2018

Blue Springs Cameroon

- **Pilot location:** Bafut, Cameroon
- **Amount funded:** €2000
- **Outcomes:** Blue springs Cameroon aimed to build water kiosks under a franchise model, using spring water and ensuring the protection of the surrounding catchments. Although the pilot included the set up of first kiosk, due to armed conflict in the area the pilot had to be cancelled short after finishing the spring catchment protection.

PILOT NOT COMPLETED



THE YOUNG WATER FELLOWSHIP 2018 WAS SUPPORTED BY



Schweizerische Eidgenossenschaft
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Confederaziun svizra

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FONDATION
GOODPLANET



L'eau
de Saint-Omer

