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CLEAN
WATER
BY 2030

GLOBAL ACCESS 2030

To improve the health and well being of millions of people living in extreme poverty by providing access to safe drinking water.

FACT

3 in 10 people worldwide, or 2.1 billion, lack access to safe, readily available water at home.

Nada Osseiran (2017, 12 July) 2.1 billion people lack safe drinking water at home. Retrieved from www.who.int


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HOW LONG
DOES IT
TAKE YOU
TO GET
WATER?

WATER

Water is the most important resource for every living being on this planet. In modernized countries there are laws in place to ensure that every citizen has access to clean water. In developing countries water can be very limited.

FACTS

- Millions of women and children spend hours a day collecting water from distant polluted sources
- More than 840,000 people die each year from water-related diseases
- Nearly 2 of 3 people in need of safe drinking water survive on less than $2 a day
- More than 80% of sewage in developing countries is discharged untreated to pollute water sources
- A child dies from a water-related disease approximately every minute


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WHAT
MOVES
YOU?

WHAT MOVES FOUNDER, ROGER CABBAGE?

A love for hiking and mountain climbing inspired adventurous travels to Rwanda, Peru, Nepal and the Amazon. He never set out to develop a water filtration system, but the need became both clear and desperate.

As a former board member and volunteer at the **Philanthropy Impact Team** and **Centura Global Health Initiatives**, Roger discovered approximately 1000 children perish each day as a result of consuming contaminated water. Over the past few years he developed solutions to provide clean water to these remote locations he had visited and beyond.

Roger founded **Global Access 2030** to take action to provide clean water to the world. With the introduction of the **GA2030 System** to households, clinics, and schools in areas of need, He hopes to curb these alarming statistics that inspired Roger.

Since starting development, Roger engaged the **School of Mines Capstone 2018** program to work on water flow and biological testing to validate the initial product. In late 2018, Roger recruited Rob Miller, owner of the industrial design consultancy **Loophole®**, to apply human-centered design practices to further refine the product design and engineering.

In 2019, a team of students from the **University of Colorado** will develop a mobile app that will provide two sets of data: 1. track and identify illnesses globally; 2. track and monitor flow rates and usage of the water filters.

ABOUT GLOBAL ACCESS 2030

Global Access 2030 is focused on developing and distributing an extremely affordable and highly adaptable water filtration system.

BACKGROUND

Global Access 2030 is a non-profit 501(c)(3) founded in 2018 by Roger Cabbage. His travels throughout third world countries and first-hand experience with the repercussions of contaminated water is the driving force and motivation to develop a global water filtration system.

THE SYSTEM

Global Access 2030 has been developing the **GA2030 System**. This unique filtration system is designed around a core goal of ease of installation and maintenance. The resulting product is user-friendly, highly portable, simply gravity fed, and provides adaptable configurations.


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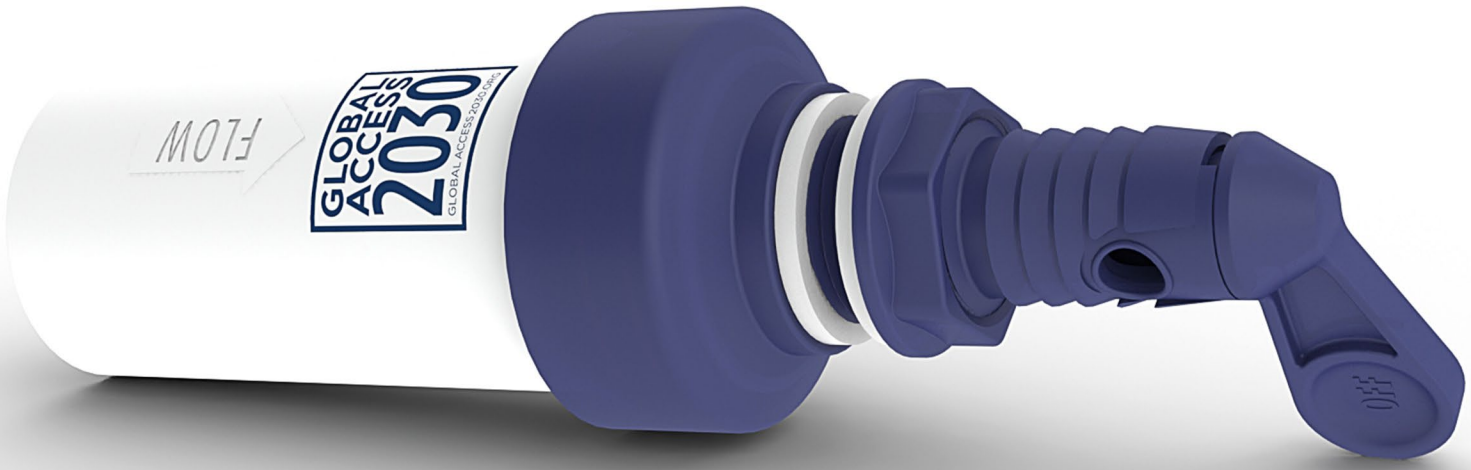
CLEAN
AND
SIMPLE.



GA2030 SYSTEM

Providing clean water to the world by 2030.

GA2030.ORG

GA2030 SYSTEM SPECIFICATIONS

- Flow rate of 0.5 liters/minute
- 0.1 micron filter removes 99.999% bacteria and parasites*
- Approximately 200 x 65mm dimension and 150g
- Installs into side of any rigid plastic bucket in a few minutes
- Adaptable installation configurations
- Estimated lifespan of 10 years
- Manufactured in Colorado
- Target cost of $30-

*Manufacturer testing to be independently tested and confirmed

Q1 2019 BENCHMARKS

- File for provisional patents in the US
- Manufacture 100+ test units for field studies in January 2019
- Manufacturing 10 weeks from product finalization in Q1 2019

CURRENT PROTOTYPE

UPCOMING FIELD STUDIES

UNITS	LOCATION	CONTACT
40	India (5 schools)	Momentum Global, John DeYoung
40	Peru (2 schools/200 ppl)	CONAPAC, Brian Landever
2	Uganda	One School at a Time, Bay Roberts & Pati Gilbert
2	Peru	Global Health Initiatives, Greg Hodgson
2+	Rwanda	Global Health Initiatives, Mugonero Hospital, Dr. Gaston
2+	Rwanda	Global Health Initiatives, Ralima Hospital
2+	Nepal	Global Health Initiatives, Banepa Hospital, Dr Dale Mole
2	Peru	University of Colorado, Village of Manati, Heinze & Arturo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THANK YOU