



Aqualuz

WATER TECHNOLOGIES THAT
changes lives



A child dream

The girl who wanted to be a scientist and change the world found a big challenge with 15 years old: make the access to clean water democratic with an easy solution...





The lack of access
to drinking water
is a **global** problem

2.3BI

world

35M

Brazil

... But we have the solution!



**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention

The SODIS

"In the laboratory, SODIS has been shown to inactivate the viruses, bacteria and protozoa that cause diarrheal diseases. In four controlled and randomized studies, SODIS resulted in reductions in incidence of diarrheal diseases, ranging from 9 to 86% "



Overview

Aqualuz creation...

- SODIS limitations;
- Brazilian cisterns programs with around **1,5 millions** cisterns implemented;
- Hot zones in all continents;
- People suffering from clean water access everywhere;

It's a simple equation!



Safe Water

In **three** steps

1

The water is pumped through a filter.

lasts
+20
years

+10 L
per cycle

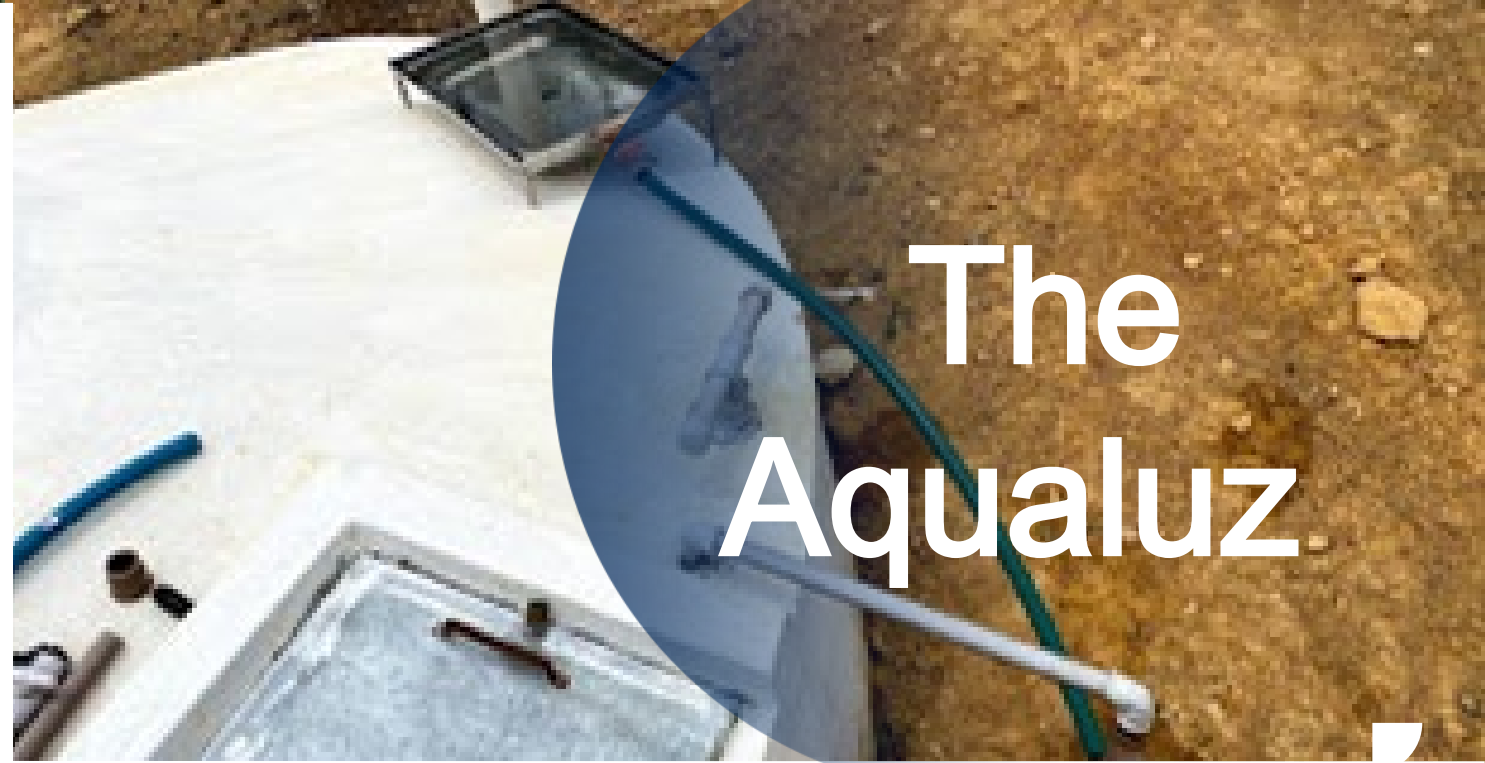
The water is exposed to the sun until the sensor changes color.

2

3

The user can remove the water.





Social Project Aqualuz



Community diagnosis
and training



Supply and implantation of
Aqualuz



Monitoring via the
Aqualuz App



Aqualuz Impact
Report



EVERYONE WINS

**business
model**

NGOs

Partnership for
implementation



+200

CSR Companies

Expanding impact on SDG6



200K

GOVERNMENT

Reduced health spending



-75%

And the biggest beneficiaries are the millions at the rural communities!

Impact

Currently, our impact is on **253 families** with Aqualuz, where we measure:
Number of people with access to drinking water (today: 685).
In addition to these, we can measure:



Reduction in the rate
of waterborne illnesses
in the benefited
families



Increased school
performance of
children from
benefited families



Number of people with
access to drinking
water



Partnerships with
public and private
institutions to carry
out the project

Just in 2019

+1,2K

People benefited in Brazil

+15M

Liters of drinking water being generated



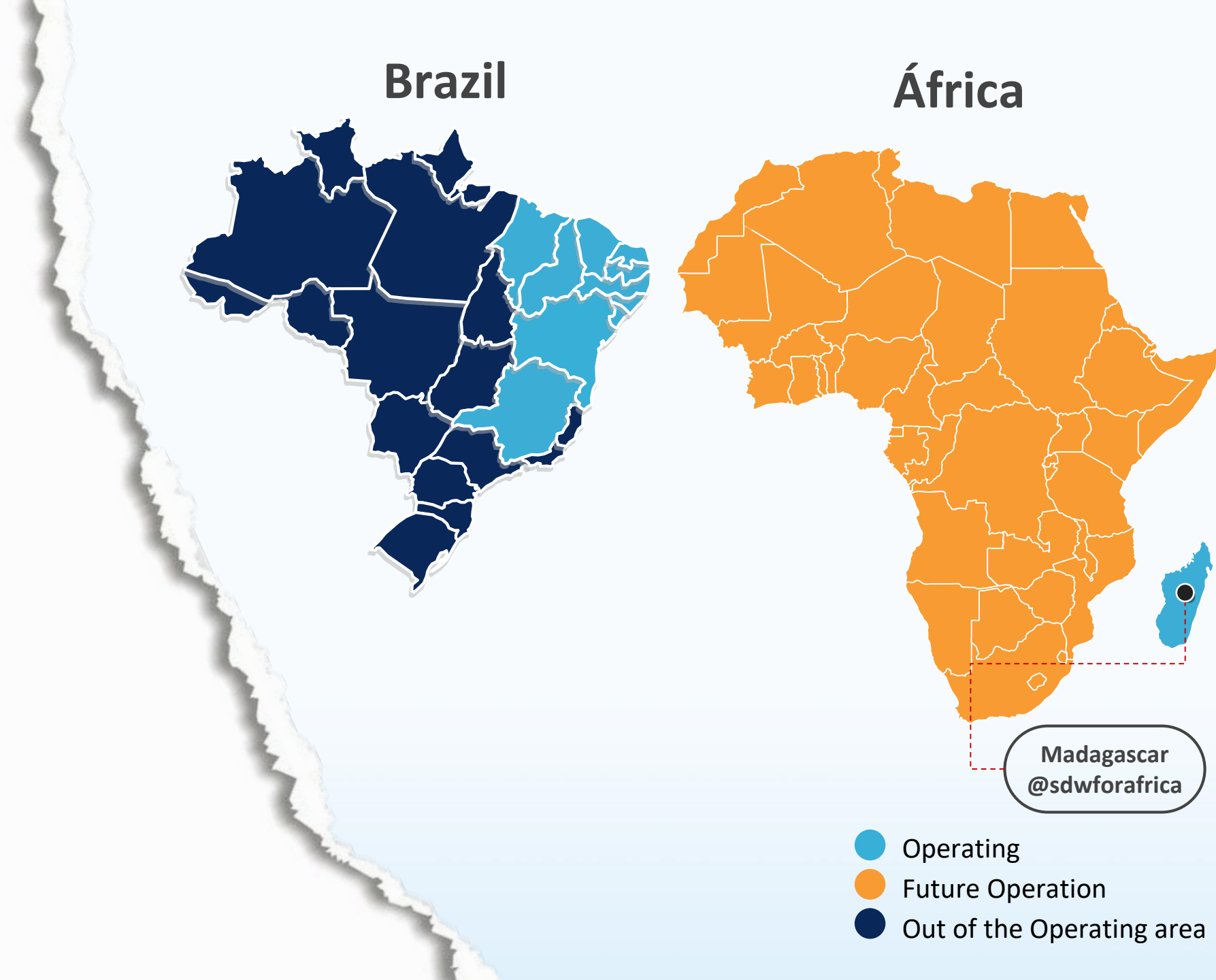
For 2020

+5K

People benefited in Brazil

+60M

Liters of drinking water being generated



Milestone Reached



2015

**Startup
Foundation**



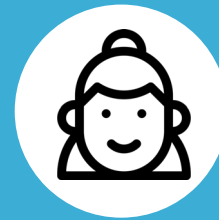
2016

Patent



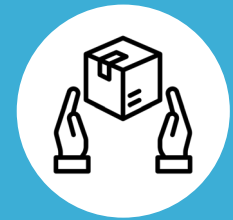
2017

**Technology Lab
validation. Accuracy
of 99,9% of water
disinfection**



2018

**User Experience
Validation with the
prototype n°7 - 10**



2019

**Selling for CSR of 200
units of the
prototype n°11**

Prizes

The main

Innovation and impact recognized by ...



Young Champs
of the Earth (2019)



Hack Brazil
(2019)



Acceleration
ama (2018)



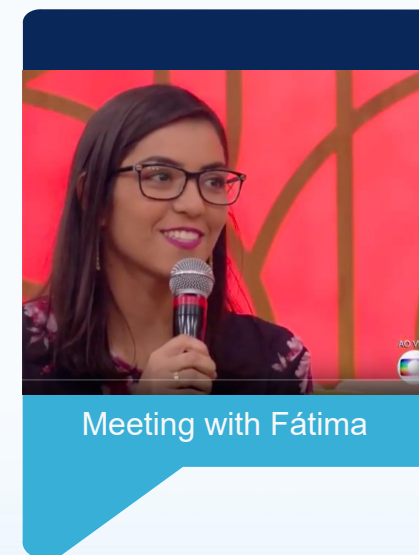
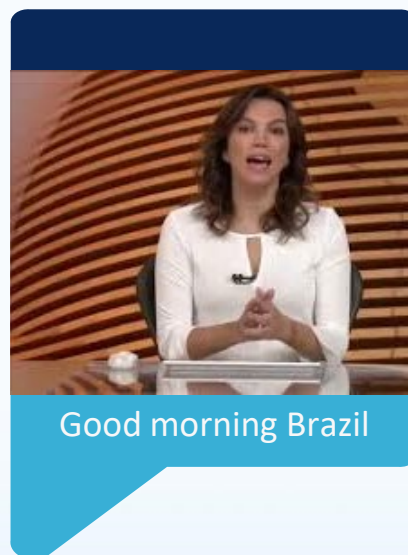
Braskem Labs
Ignition (2019)

And + 15 more!

Media

Who told
our story

Main documentaries and news



And + 100 others!

LET'S KILL THIRST IN THE WORLD?

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