Clean Water and Energy

Access to affordable, reliable and renewable sources of water and electricity is crucial for sustainable economic growth. By lifting communities out of poverty people can be further empowered to thrive in other ways. The Ambassadors community is innovating solutions to develop the necessary infrastructure to secure reliable access to sanitation and energy.

From the 50 Ambassador led projects evaluated:

Lavatories built servicing 4,195 people

791 new toilets built by Sanitation Africa benefitting 3,955 people with collected waste converted into fuel.
⊕ sanitationafrica.com

48 toilets constructed by WSV entrepreneurs benefitting 240 people, with collected waste converted into fertilizer.
⊕ wsv.global/wsv-portfolio/roots/

Sanitation facilities provided for 47,700 people

1,794 sanitation facilities upgraded benefitting 8,970 people.
⊕ sanitationafrica.com

485 hand washing facilities constructed benefitting a total of 38,800 people.
⊕ sanitationafrica.com

Clean water provided for 70,000 people

Water pumps installed providing water treatment facilities to 70,000 people in 21 countries across Southeast Asia.
⊕ wateroam.com

Clean energy provided to more than 1,500 people

1,500 solar lamps in circulation through the Right Light project, preventing more than 2,000 tonnes of CO_2 entering the atmosphere.
⊕ wsv.global/wsv-portfolio/right-light/

Entrepreneurial training for 219 people

219 people given jobs as entrepreneurs to operate sustainable and climate friendly businesses through WSV.
⊕ wsv.global/#home

"One of the celebrities at One Young World preached a message of hope and I left more determined than ever before to change the lives of community members."
Samuel Malinga

Total:
123,684 people given access to clean water and energy.

Ambassador Spotlight:

Samuel Malinga,
Sanitation Africa Limited, Uganda


Sanitation Africa Limited latrine construction

Sanitation Africa Limited works to improve access to water and sanitation health (WASH) facilities, such as latrines and hand washing units.

Sanitation Africa Limited has helped 10,000 people to access better hygiene and sanitation facilities in Uganda. Samuel and his team have constructed almost 600 latrines and 20 handwashing facilities to date, and have upgraded more than 1,000 latrines. Uganda does not yet have universal sanitation coverage, which contributes to ill health, absenteeism and low academic attainment. The percentage of people in rural areas with access to basic sanitation facilities actually decreased between 2016 and 2018, from 80% to 79%[1].

Sanitation Africa works with a team of engineering students to design innovative solutions for sustainable toilet construction, as well as designing technology to upgrade existing facilities to be more durable and effective at a low cost. Sanitation Africa has also developed semi-mechanical pumps to empty pit latrines in areas that are otherwise hard to reach. The organisation strives to become a hub of knowledge on low cost hygiene and sanitation solutions, so that low income communities can benefit from this expertise. Lack of knowledge is a major barrier for communities when working to improve communal hygiene facilities, and so Samuel and his team work to make this knowledge and technology more accessible. Sanitation Africa has employed over 870 masons and 100 sanitation promoters in this work, further helping to support the local economy by providing jobs and economic opportunities.

[1] https://www.mwe.go.ug/sites/default/files/library/SPR%202018%20%20FINAL.pdf

In numbers

485 hand washing facilities constructed

1,794 sanitation facilities upgraded

791 toilets built

SROI ratio:

1:7

⊕ For the full breakdown of how this SROI ratio was calculated please refer to the project report on **pg 161**