

5-10 minutes presentation of Solar Safe Water Challenge

Slide 1

The picture shows the reality for many people around the world today. One billion people lack access to safe water today. And climate change and pollution will make the situation even worse. Protecting the environment, including water, is the key to our health.

And science is crystal clear, we need to act NOW. And here is where this challenge come in.

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The initiative is all about giving people in need access to hot and safe water for drinking and hygiene, just using power from the sun. And, as a side effect we receive a significant impact on the environment, women's and girl's equity, health and wealth for the whole family.

In the challenge a unique innovation will be used, that provides hot and safe water with power from the sun. It is today used by 450,000 persons in 40 countries. There are presently 70 ongoing projects.

The Solvatten heater treats the water both with heat (75 C, 167 F), and UV radiation just using the power from the sun. The combination of the two, is the secret behind its high impact. The treatment takes between 2-4 hours and because the heater gets disinfected every time its used, cleaning is not necessary. It is FDA certified and will not release any chemicals to the water. Solvatten heaters has been in use since 2011. The lifetime is 7 years or longer and can be recycled. Learn more on our homepage.

Now, Rotary, through ESRA and WASH-RAG, has been invited to join a well-established project in the province of Tharaka in Kenya. Here lives 400,000 people of which 97 percent lack access to safe water. Solvatten collaborates in place with their main partner International Aid Services.

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The impact of using solar safe heaters is impressive. Despite giving families access to hot and safe water for 7 years, it also benefits the environment, equity, health and wealth.

In this table you can see the impact of using just one heater for 7 years.

The high impact of the Solar Safe Heaters is a result of treating the water with both heat (75 C, 167 F) and UV radiation. This is the reason to why the Solvatten heater is so efficient to make the water really safe. The hot water is perfect for cooking, hygiene, especially for new-borne babies and their mothers. But also for making safe tea and safe porridge for babies.

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Using the heaters supports all Rotary's 7 areas of focus.

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The challenge:

How many families can Rotary give access to hot and safe water in this Kenya project.

Is it 1.000, 5.000 or even 10.000 families?

Remember that, one heater give one family access to safe water for 7 years. At a cost of 145 USD.

Just imagine, if every Rotary club around the world donate 1 heater, a donation of 145 USD, that would mean:

Joining this challenge is an easy and convenient way to start acting for the environment. Our challenge is to see, how powerful Rotary can be when we are at our best.

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For the purpose of this challenge, we have a homepage. And here you will find all the information you need. Webinar video, presentations and status reports regularly. So please welcome to visit the homepage.

Slide 7.

Finally, we now would like to inspire you to join this challenge.

The challenge started the 25th of August, and will end in March next year on The World Water Day.

The purpose of this challenge is to inspire as many clubs as possible in the entire Rotary family, to join. We see this challenge as a catalyst, of a high impacting project supporting all the 7 Areas of Focus of Rotary. After the challenge has ended, this will become a long-lasting engagement within Rotary.

It's an easy and convenient way for clubs to take action for the environment, including water, equity, health and wealth, with high impact.

Thank you for your attention!

Back-up slide

The use of them also supports, the UN goals for sustainable development, Agenda 2030.