



# Sustainable Water Treatment solutions Resilience and Adaptation

Moerk Water  
2<sup>nd</sup> ADB Marketplace Presentation



## About Moerk Water

- We believe that human communities need good drinking water to thrive
- We have noticed that the greatest need is in rural and remote communities, which are difficult to reach
- We build and install high-quality, solar-powered water treatment systems that are designed to reach the unreachable
- We are also vocational trainers and train people from each community to operate their own systems

Moerk Water Solutions Asia-Pacific Pty Ltd  
[www.moerkwater.com.au](http://www.moerkwater.com.au)



# Where we have Worked

## Pacific Countries:

- Papua New Guinea
- Solomon Islands
- Vanuatu
- Kiribati
- Indonesia

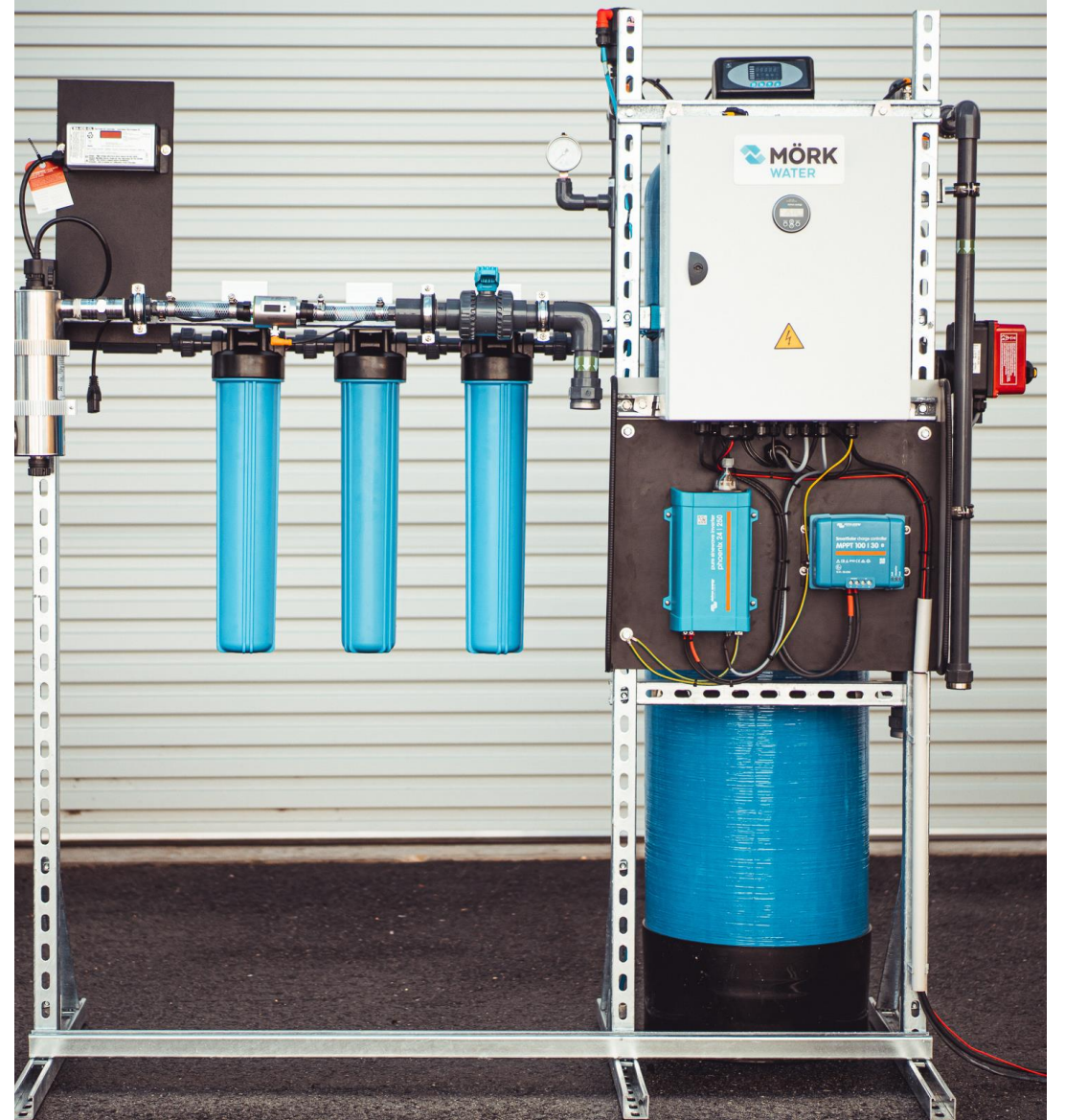
## Coastal and Island Resilience:

- Tanzania
- Ethiopia
- Somalia
- Kenya
- Myanmar

- Australia
- Sustainable Agriculture**









# Our Technology



## *“Reaching the unreachable”*

- Robust and sustainable solutions using modern technology
- High-quality, reliable water treatment plants
- Easy to Operate
- Low-maintenance
- Automated flushing and backwashing on shut-down
- Widely-available spare parts
- Easy to transport
- Easy installation and assembly
- Very energy efficient, so can be solar powered.
- Training of local operators
- Community empowerment and self-reliance
- Designed to your capacity and needs (25L/h to over 10,000L/h as required)
- Can be used in urban, peri-urban or remote, rural areas
- Satellite tracking on request





# Community Training

What will happen when the supplier and the donor leave?

Training of Daily Operators and Service Technicians builds local capacity to ensure plant keeps running.

Vocational Training is just as important as the technology itself.

Successfully completed online during Covid-19.



## Uripiv Island, Vanuatu

- **Population:** 800
- Reliant on rainwater and brackish wells
- Dry Season 5 – 7 months/year
- Microbiological contamination in shallow brackish wells
- Residents had to cross the sea to fetch water during the drought



**WATER SOLUTIONS WEBINAR [LIVE]**

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