

Ensuring Safe and Resilient Drinking Water Supply Services for Three Communes in Times of Covid-19, Implemented by Teuk Saat 1001, in Damril commune, Tboung Khmum province, Sameakki commune, Kampong Thom province, and Svay Sar commune, Siem Reap province

Background

- ✓ Cambodia is highly vulnerable to climate change. 1 cause is the boiling water habit with non-efficient stoves. 70% of rural communities used dry wood or charcoal creating a high rate of deforestation and a bad carbon footprint.
- ✓ Based on the Social Economic Survey in 2020, 35% of rural pop in Cambodia lack access of basic water supply, affecting their livelihoods and health.
- ✓ CCCA3, lot1 has enable the provision of safe drinking water in 3 rural communes. The ten-month project been implemented during Covid-19 pandemic, when crossing provinces where complicated.



Results

- ✓ 3 solar powered water kiosks were established are running in three communes
- ✓ 3 communes' inhabitants have access to safe and affordable water, directly in their home freeing women and girls of fetching water for their families
- ✓ 8 Primary schools received safe water for free
- ✓ By drinking safe water, water kiosks beneficiaries' don't harm the environment by fetching wood to boil their water.
- ✓ Communities are sensitized to safe drinking water, the climate change impact, and Covid-19 safe hygiene measures,
- ✓ Baseline and End line survey findings show a change in drinking behavior switching from unsafe to safe water improving health of inhabitants of 3 rural communes

Overall objectives

Rural communities in three communes of Siem Reap, Thbong Khmum and Kompong Thom provinces have access to sustainable, safe and affordable drinking water, through climate change resilient water kiosks, in times of Covid 19.

Approaches and technology used



Impact and Sustainability

Contribution to SDGs:



More than 6000 daily consumers have access to safe drinking water, improving their health and livelihoods

2087 primary school children getting free safe drinking water at schools



Improved livelihoods and inclusive growth: 9 sustainable jobs

Environment & community resilience about 100t of CO2 is avoided per kiosk per year by preventing water boiling



Scale up plan

- ✓ A joint program between the Department of Rural Water Supply of MRD and Teuk Saat 1001 funded by CCCA3, lot 2, "CSO-Public Partnership to Favor Safe Water Access in Rural Areas" aiming to mutualize innovative solution and methodologies to achieve access to safe water especially in drought affected rural communes.