

CSO-Public Partnership to Favor Safe Water Access in Rural Areas, Co-implemented by DRWS of MRD and Teuk Saat 1001 , in Trapeang Thum commune, Siem Reap province and Tuek Chour commune, Banteay Meanchey province.

Background

- Cambodia is hit by extreme weather events such as floods and droughts, increasingly threatening the quality and the continuity of service for water supply systems specifically in rural areas.
- To face adverse climatic events, water systems have to strengthen their resilience to guard themselves against potentially devastating effects.
- Based on the Social Economic Survey in 2020, in a country where 35% of rural inhabitants still lack of access of basic water supplies, the quality and quantity of water available all year round is crucial
- Thus Department of Rural Water Supply (DRWS), the Ministry of Rural Development in partnership with Teuk Saat 1001, funded by CCCA3, lot 2, have implemented the project “CSO-Public partnership to favor safe water access in rural areas”

Overall objectives

“Mutualize innovative solution and methodologies to achieve access to safe water especially in drought affected rural communes.”

Approaches and technology used



Results

- 2 sustainable communal- owned safe drinking water kiosks powered by solar energy are active since May 2022 and supply daily safe drinking water to communities in 2 communes affected by water scarcity
- One water scarcity mitigation guideline was developed and disseminated in 2 provinces
- One training module on communal based safe drinking water kiosk was developed
- The DRWS staff have a better understanding of the Teuk Saat 1001 water kiosk model thanks to workshop and trainings
- Baseline and End line survey findings show a change in drinking behavior switching from unsafe to safe water improving health of inhabitants of 2 rural communes



Impact and Sustainability

Contribution to SDGs:

6 CLEAN WATER AND SANITATION

Providing safe drinking water to the communities in both rainy and dry seasons
More than 5000 daily consumers

4 QUALITY EDUCATION

2000 primary school children getting free safe drinking water in 7 schools each year of operation

5 GENDER EQUALITY

Improved livelihoods and inclusive growth: 8 sustainable jobs, including 2 women entrepreneurs

13 CLIMATE ACTION

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

Scale up plan

- Teuk Saat 1001 has the ambition to reach 400 water kiosks and 1.5 million beneficiaries by 2025