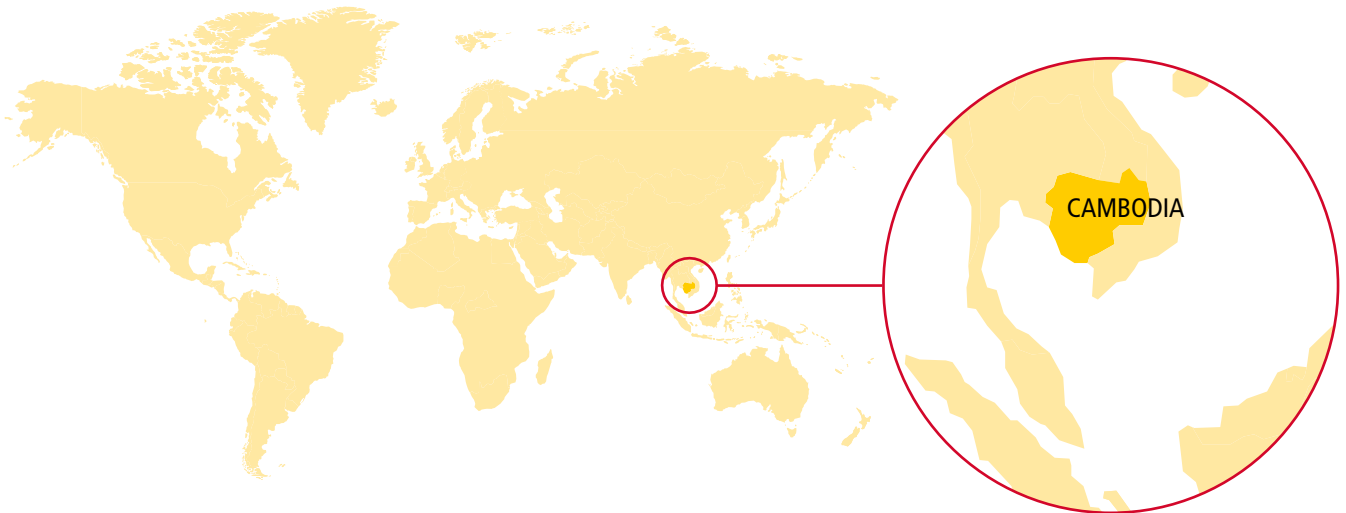


GOGREEN CLIMATE PROTECTION PROJECT: CERAMIC WATER PURIFIERS IN CAMBODIA



In order to provide our climate neutral service GoGreen, we need carbon credits to offset the greenhouse gas emissions that result from transport and logistics services for our customers. We obtain these carbon credits by investing in certified climate protection projects such as this ceramic water purifier project in Cambodia.

Project type	Energy efficiency
Project technology	Ceramic water purifier
Project location	Cambodia
Project goal	To reduce CO ₂ emissions by using water filters instead of boiling water with firewood
Project standard	Verified Emission Reductions (VER) Gold Standard (GS 1020)



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GOGREEN CLIMATE PROTECTION PROJECT: CERAMIC WATER PURIFIERS IN CAMBODIA



(C) Hydrologic



Project description

Due to the poor quality of available drinking water sources and the lack of centralized systems for delivering safe water to households, most Cambodians must collect water and treat it by boiling. This results in extra costs for poor families and increased emissions of CO₂. Families that do boil improperly, also face negative health impacts.

The purpose of the ceramic water purifier program is to provide safe drinking water to Cambodian families by using locally made ceramic water purifiers (CWP) to effectively remove E-Coli and other bacteria without boiling.

In addition to reducing CO₂ emissions by avoiding the use of firewood for water treatment by boiling, the climate protection project has a positive impact on the economic and social well-being of the region. Local manufacturing and distribution of CWPs create new jobs. Health hazards from contaminated drinking water are reduced, families use less firewood, and the forest ecosystems and biodiversity are protected.

Additionality

The establishment of a comprehensive water purifier program leads to higher costs and special technical requirements for manufacturing. The project could not have been realized without the additional revenue generated from the sale of carbon credits. Thus, the project fulfills the additionality criterion of the Clean Development Mechanism and the Gold Standard: CO₂ emission reduction provided by avoiding the use of non-renewable biomass for water treatment by boiling is in addition to what would otherwise occur or that is regulated by law.

Links

dpdhl.com/gogreen-projects
mer.markit.com/br-reg/public/project.jsp?project_id=103000000001910
www.goldstandard.org/projects/hydrologic-making-clean-water-reality-cambodia
nexusfordevelopment.org/make-clean-water-a-reality-in-rural-communities/



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