



Access to Safe Water Cambodia

Safe drinking water for rural communities



The project sells locally made Ceramic Water Purifiers (CWP), providing clean water to communities in Cambodia. With a filter in their home, families no longer need to boil their water to make it safe to drink. This reduces indoor air pollution from wood burning, decreasing household fuel costs and reducing pressure on Cambodia's vulnerable forests. This low-cost simple technology makes a profound difference to those who need it most.

The Context

In Cambodia, the majority of the population boils water to make it safe for drinking on wood fire stoves, while many do not use any sort of treatment at all. The smoke this gives off can have very harmful effects on the respiratory health of women and children in particular; drinking unpurified water can lead to illnesses particularly among young children.

The Project

The project sells CWP's to families across Cambodia. Once the water has passed through the ceramic filter the clean water is stored in a plastic container, giving safe drinking water at just a turn of the tap. The filters are produced at a purpose-built factory in Cambodia providing employment opportunities to locals. The filters have a number of low-interest financing options and many are sold to NGOs who offer them at a subsidised price.

The Benefits

The simple yet highly effective technology, the project helps thousands of Cambodians access clean water, leading to a number of knock-on benefits. As indoor smoke is reduced, respiratory health improves, while clean drinking water is an essential component to combatting diarrheal illness. Overall public health is improved, which helps to stimulate economic activity. With the reduced need for wood fuel, families spend less time gathering wood and less money buying it, freeing up their resources for other activities. Less pressure is therefore put on Cambodia's vulnerable forests.

Providing clean water is essential to combat waterborne diseases, a major health concern for young children in particular



Gold Standard



USD 73

saved annually per household from gathering and purchasing fuel



Better health

thanks to less exposure to indoor air pollution



Women have more free time

given that they do not have to collect firewood



400,000+ ceramic water purifiers

distributed providing clean water



90 jobs

created



89,000 tCO₂e

mitigated on average annually



230 ha

of forest is protected on average each year as firewood is no longer needed to boil water

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Production and dissemination of Ceramic Water Purifiers by Hydrologic, in the Kingdom of Cambodia | **Registry link:** <https://registry.goldstandard.org/projects/details/15> |

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#forabettertommorrow

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