

Freshwater, a sustainable solution for the lack of water in the world

In the world, almost two million people died because of the lack of drinkable water and is likely that in 15 years, the half of world population will live within areas with no water enough to everyone.



In Latin America and the Caribbean 34 million people does not have access to safe drinkable water sources, and in Chile around 540 rural communities with more than 195 thousand people, have been without the necessary infrastructure for the water supply, depending on a third party to obtain the resource. To the precedent argument, we should add drought, which in some cases are not just seasonal, but permanent, leaving people without drinking water, for example the long drought affecting Panguipulli.

The insufficient drinkable water shortage implies risk, presenting a constant problem for world population health. The World Organization for Health thinks that the 80% of all diseases in under developed world, are caused for the clean water lack and adequate sanitation, being this a principal agent to cause diseases such as morbid mortality increment, related to enteric diseases and death, mostly in children.

This situation lead us to develop Freshwater, a sustainable solution for the water shortage in the world, which transforms air into water to everyone through an acceleration of the natural Water Cycle. This system captures the water micro particle in the atmosphere to form a cloud inside the devise, provoking a "rain" generating a "river" to which minerals are added to get slope water. Freshwater

works with just connecting it to the power or to a battery or a solar energy system, without being connected to the water net. There is no need to be worried about water bottles catering or water trucks, or government solution (Rural Drinkable Water)

This permanent source of water based on its microcomputer and sensors provides and efficient energy use, where a family can obtain 9 to 28 liters of purified water per day, without sodium, preservers, metals or chemical adding. This is the ideal solution for zones where water is shortage or bad quality, because helps improving health and life cycle of the inhabitants, at the same time contributes by diminishing the hydric and carbon prints.



Now a days Freshwater is being implemented for the Cachiyuyo Community located in the Atacama Region a remote area with hydric deficit. Cachiyuyo is the first beneficiary of the project "Water for Atacama".



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