

L'INNOVATION AU SERVICE DU DÉVELOPPEMENT

Ecology
MARINE TECH

Even today, almost 750 million people are deprived of drinking water, representing 11% of the world's population. Since 2015, Marine Tech is developing Helio, an autonomous water production solution taking advantage of the natural energy available on the site: sun, wind, wave or current. This project allowed developing a module that produces 10 liters of drinking water per day of sunshine, which corresponds to the daily need of 5 persons (according to the World Health Organization, the vital need for drinking water is 2 liters per person per day). Helio uses solar distillation process. Thanks to solar radiations associated with a decrease in pressure powered by renewable energy, seawater (or any type of water) is distilled and remineralized. Marine Tech plans the implementation of the first pilot farm in 2018, composed by 200 modules in PACA region (South of France) and the commercialization of Helio by the end of 2018. For this project, Marine Tech received the "Water, Energy, Environment" award from EDF Une Rivière Un Territoire Durance Méditerranée, as part of the Var Terre d'Innovation 2017 competition.

Helio Sphere, designed by Marine Tech, produces drinking water thanks to natural energies.

