

MARINE TECH

*WHEN THE SUN CREATES WATER...*

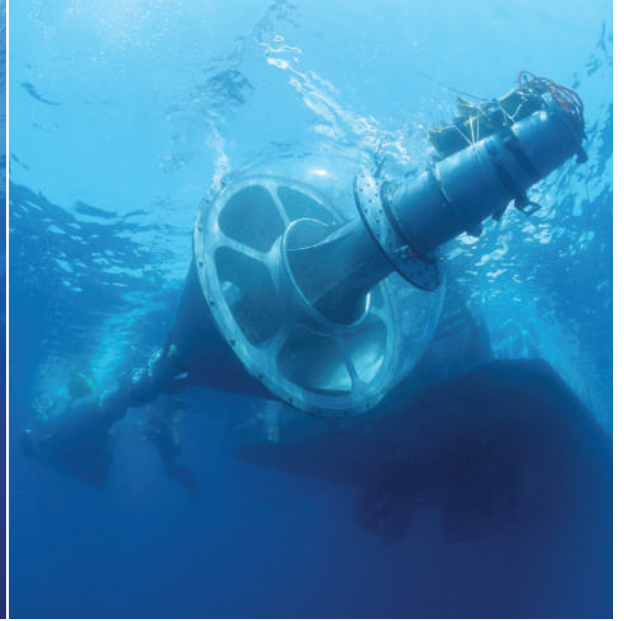


**On the cosmic scale, water is rarer than gold...  
...and infinitely more precious for life.**

Hubert Reeves



# THE COMPANY



Created to develop cutting-edge and environmentally friendly technology, **Marine Tech** has unparalleled expertise and knowledge of the sea.

With a large share of its budget devoted to research and development, **Marine Tech** is totally committed to high-performance industrial and technological innovation.

Through its international network, the company has operations worldwide.

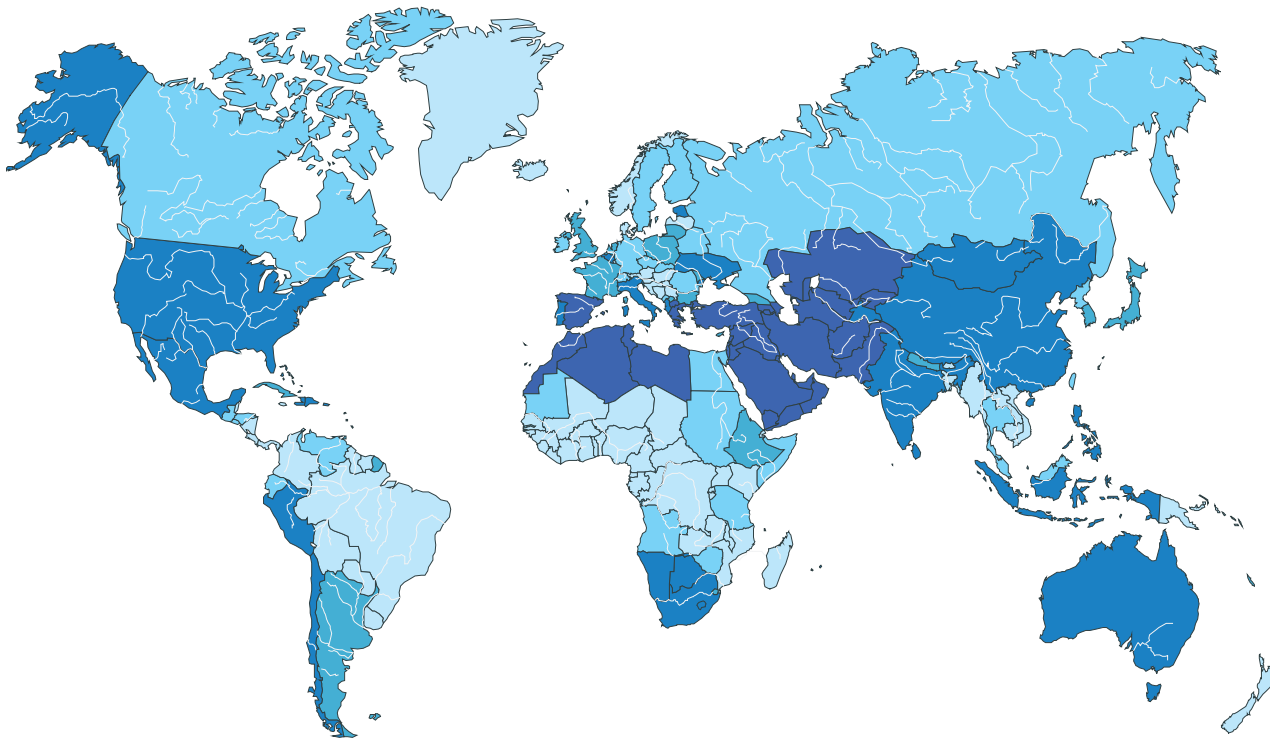
Because protecting the environment is an ongoing challenge for the future...



# THE LACK OF DRINKING WATER

## WATER STRESS BY COUNTRY: 2040

LOW HIGH



800  
MILLION

PEOPLE DON'T HAVE ACCESS  
TO SAFE WATER.

2  
MILLION  
DEATHS

DUE TO WATER-BORNE  
DISEASES

+ 50%

INCREASE OF THE WATER  
DEMAND BY 2030.

SOURCES : World Resources Institute  
WHO - UNICEF, 2017



## DESCRIPTION

HELIO is an autonomous drinking water production unit working with solar energy only.

Thanks to the distillation process, HELIO treats any type of water unfit to human consumption.

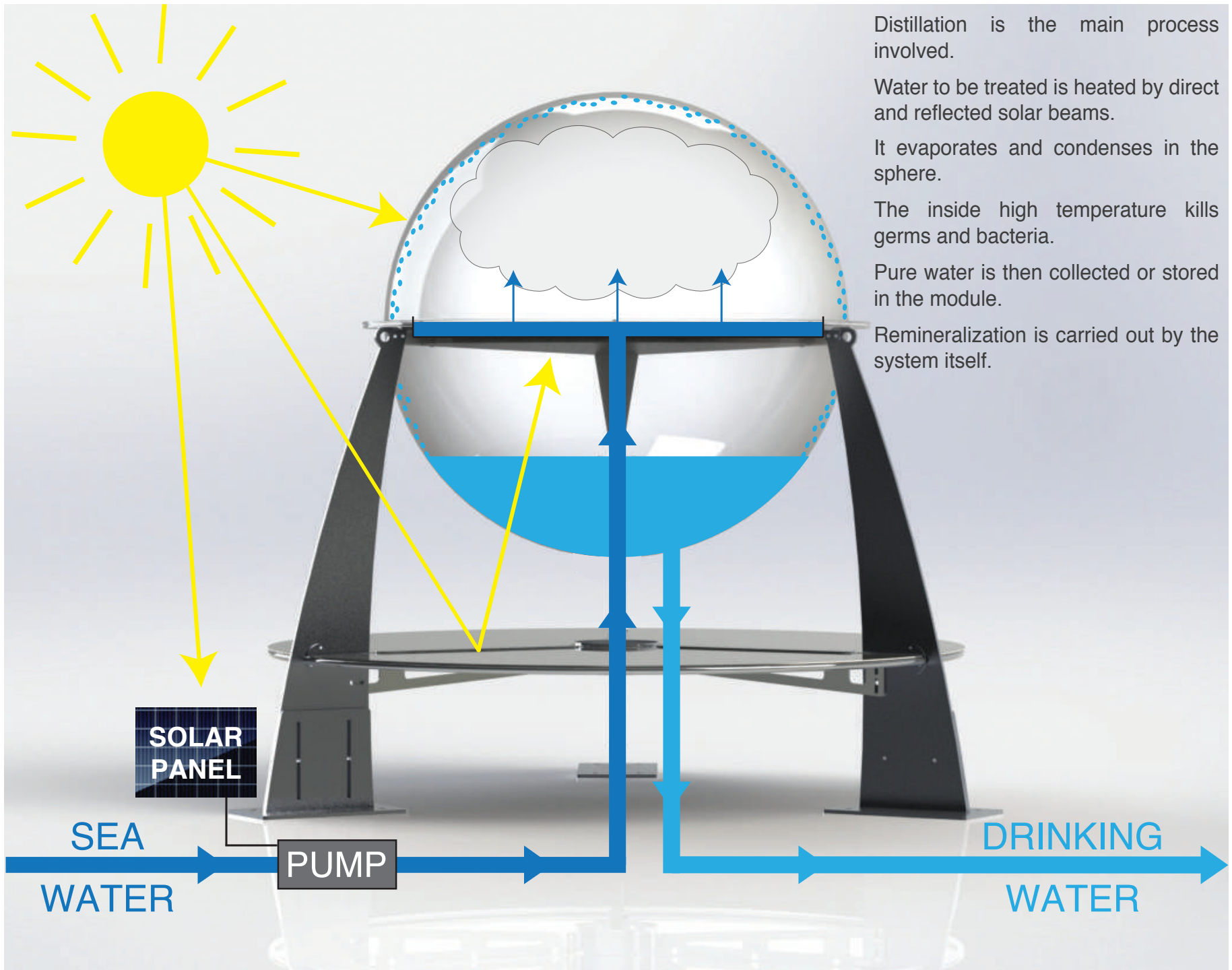
Cost-effective, fast to install and having many configurations adaptable to the need, HELIO represents one of the best solutions of drinking water production combining simplicity and accessibility for all.

A SOLUTION,  
HELIO...



# PRINCIPLE





# CONFIGURATION ON DEMAND...

## DISTILLATION MODULE

Transforms seawater in drinking water.

2

## REGULATION MODULE

Regulates and distributes the seawater.

1

SOLAR  
PANEL

3

WATER OUTLET

A farm is composed of several modules in order to match the water demand.

Therefore, numerous configurations are possible.



FOR A FAMILY OF 5 PERSONS



FOR 25 PERSONS



FOR 500 PERSONS



FOR 7500 PERSONS

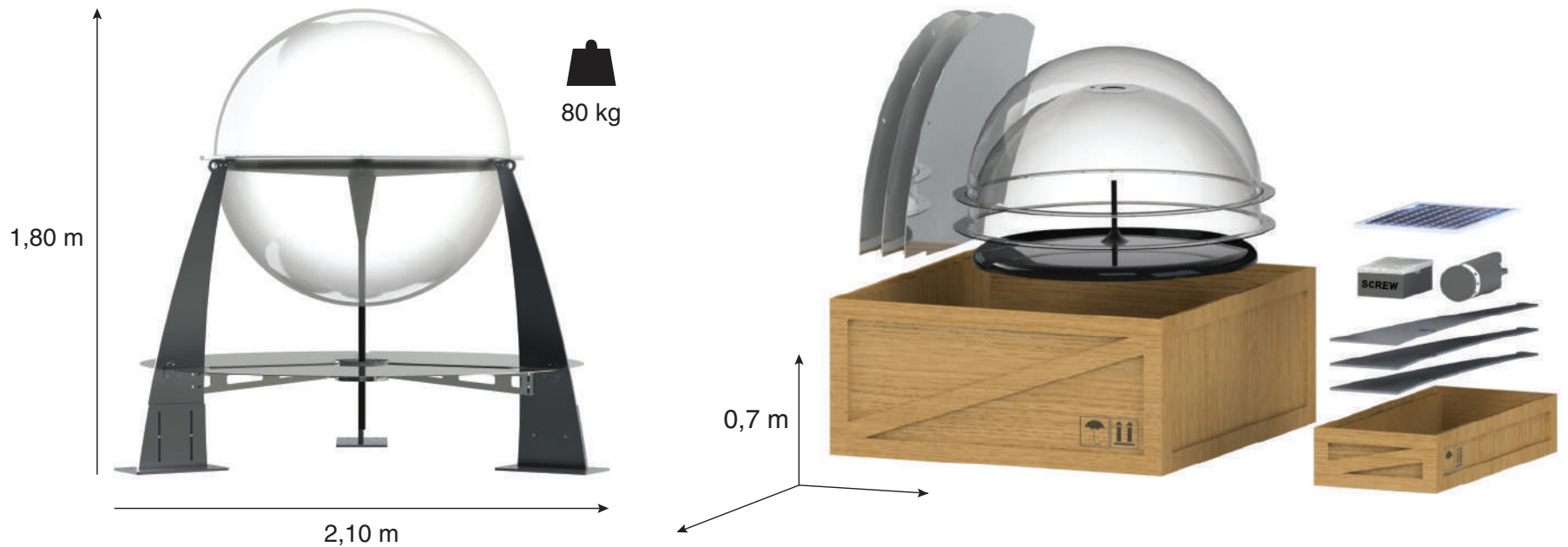




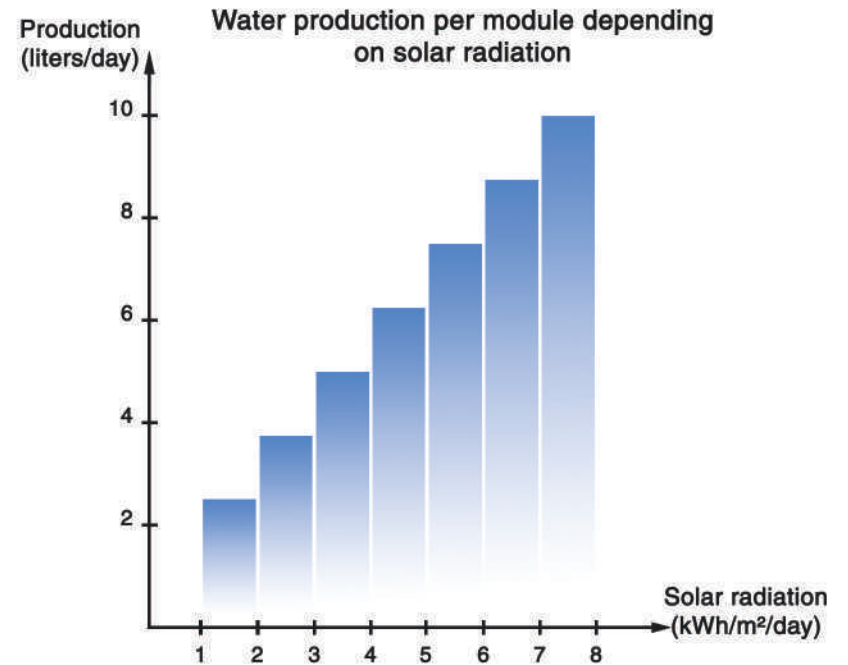
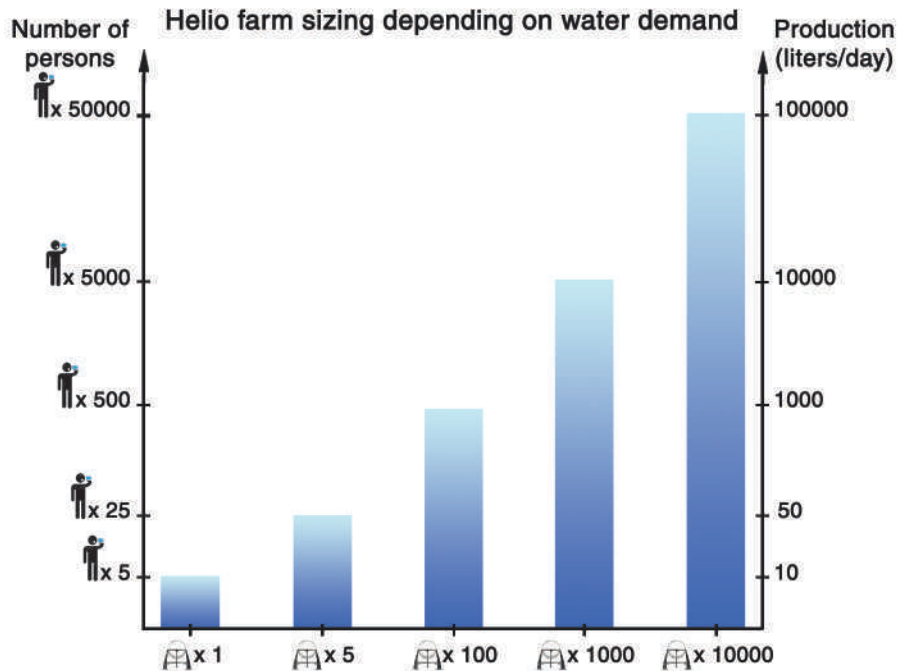
Credit: Rizwan Tabassum-AFP



# SPECIFICATIONS



- ▶ The effective module surface is 1 m<sup>2</sup>.
- ▶ Easy access for maintenance.
- ▶ The materials constituting HELIO have a 30 years lifetime.
- ▶ HELIO is weather and storm resistant.



- ▶ One module produces up to 10 liters per day.
- ▶ Easy and quick to install (2 hours per module).
- ▶ Very low maintenance.
- ▶ Modules can be easily added to a farm to match the water demand.

# BENEFITS



## **ONE OF THE CHEAPEST WATER IN THE WORLD**

The simplicity and the long lifetime of the system make HELIO a cost-effective solution.

HELIO uses renewable energies only, which reduces the running cost.



## **TREATS ANY TYPE OF WATER**

Thanks to the distillation process, HELIO can treat any type of water.

To make water drinkable, the system adds minerals.

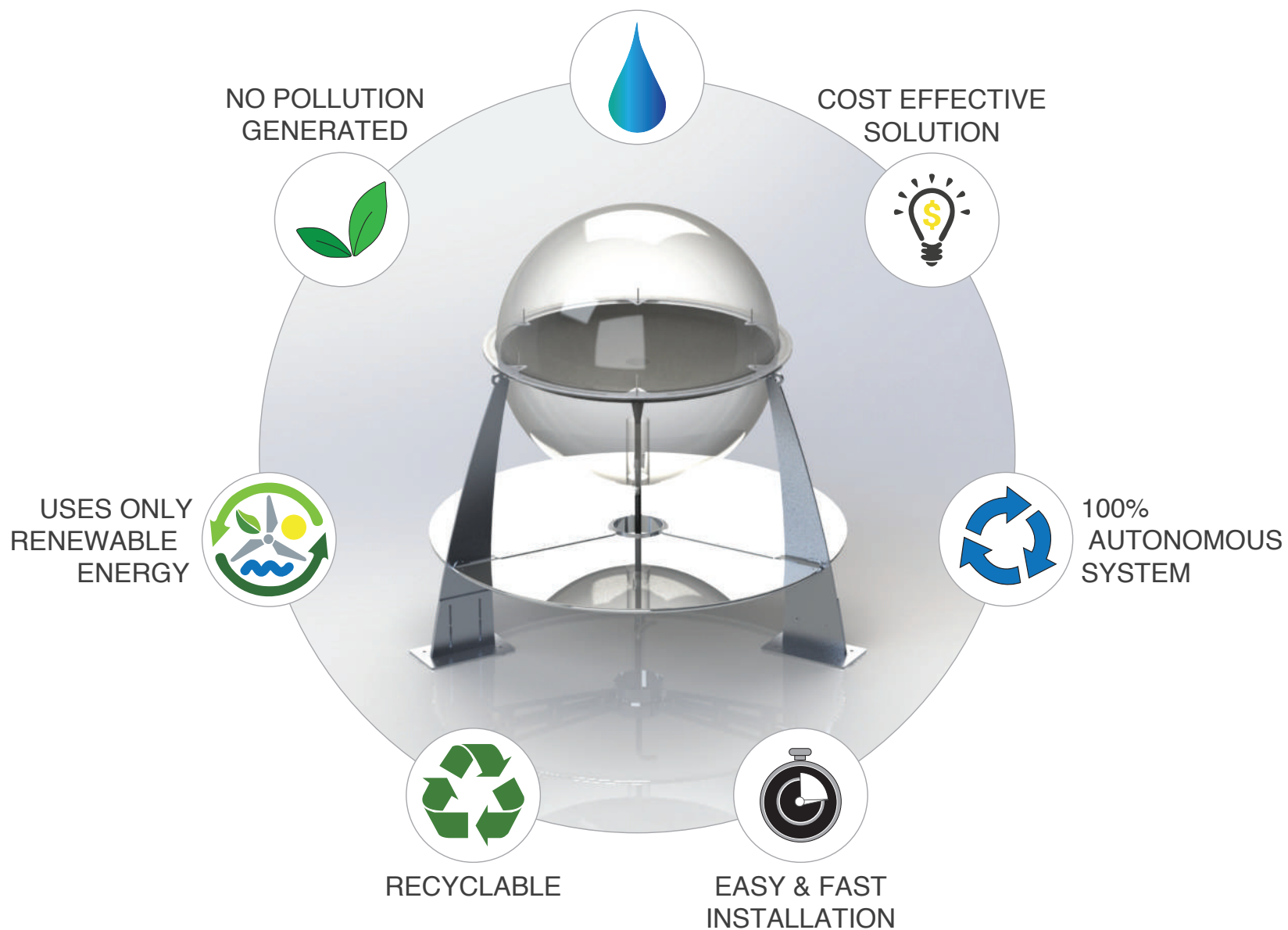


## **WATER FOR ALL**

HELIO improves access to water in areas suffering from water scarcity.

Thanks to HELIO, local populations can produce their own water on site.

TREATS ANY TYPE OF WATER



PROJECT SUPPORTED BY:



Région  
Provence  
Alpes  
Côte d'Azur

**bpi**france



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