



HYDROSPHERE

Harvesting Water
From Thin Air

This Is Normal For Millions Of People




785 million people across the world lack access to basic water services.



Women and girls spend an estimated 200 million combined hours just hauling water per day.



A young child with dark skin and short hair is crouching on a rocky, muddy bank. The child is wearing a light-colored, long-sleeved shirt and dark pants. They are holding a clear plastic bottle and filling it with water from a shallow, muddy stream. The water in the bottle is yellowish. The background shows more of the stream and the rocky bank.

Although 71%
of Earth is
water,
just 1% can be
accessed.

2.2 Billion People Lack Access to Safe Drinking Water

Most
accessible
freshwater
is polluted.



Effects of Water Scarcity

80%

Of all illnesses in developing countries are linked to poor water and sanitation conditions.

1,000

Children under the age of 5 die each day due to preventable water related deaths.

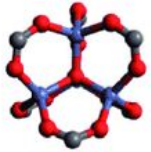
Water Is A Basic Human Right.

**Hydrosphere Will
Solve This Crisis.**

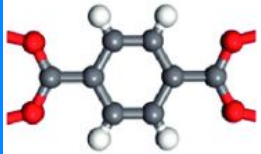
**There Is One Source
Of Water That Can
Provide For the
Entire Planet.**



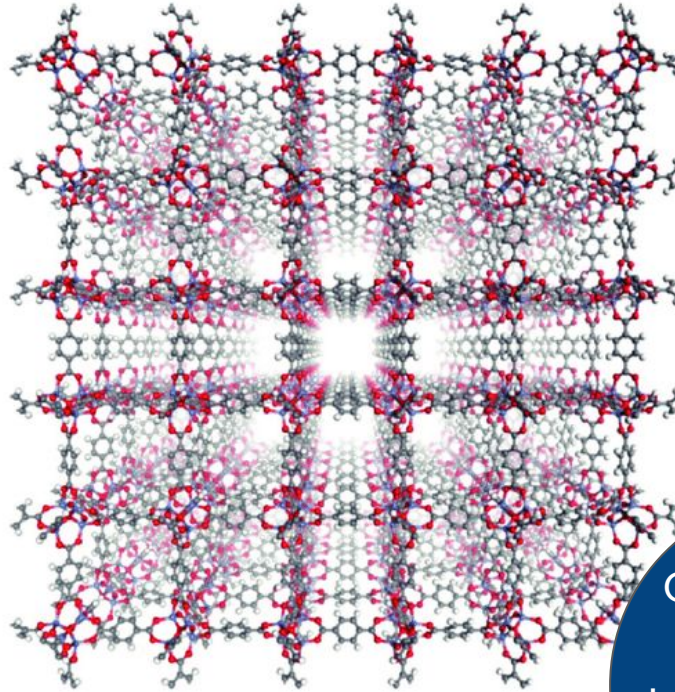
Introducing... the MOF



Metal center



Metal center



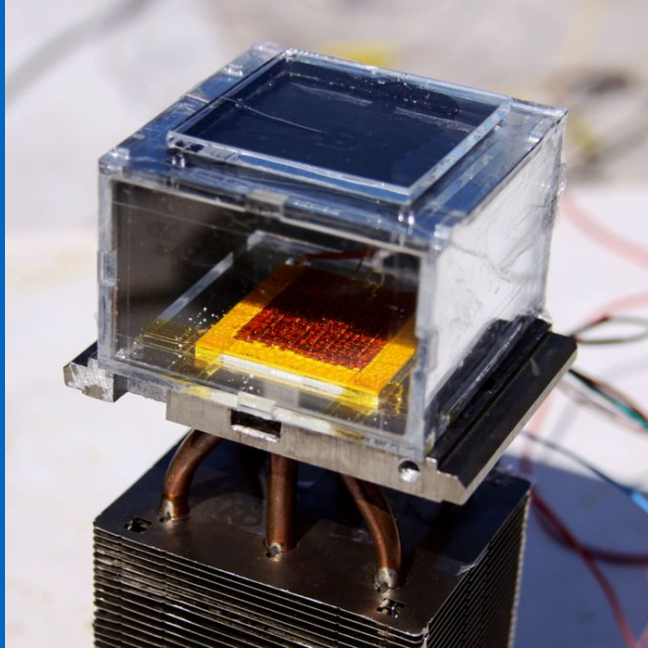
Metal-organic framework

Collects water
molecules
from the air

Can be used
even in the
driest places on
Earth.

Natural Filter

Hydrosphere



Our Product

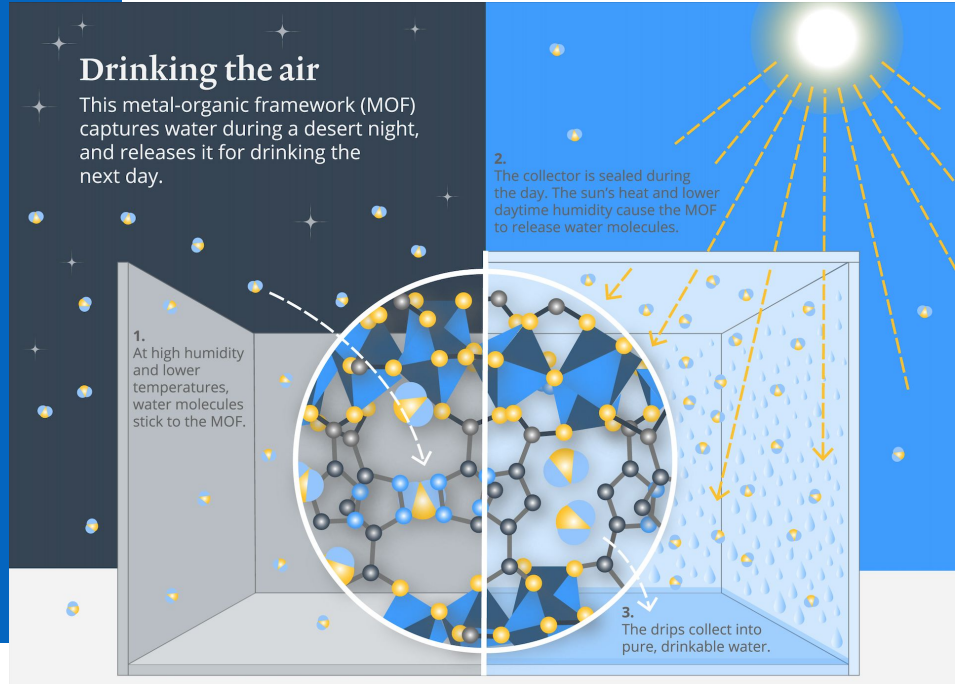
Drinking the air

This metal-organic framework (MOF) captures water during a desert night, and releases it for drinking the next day.

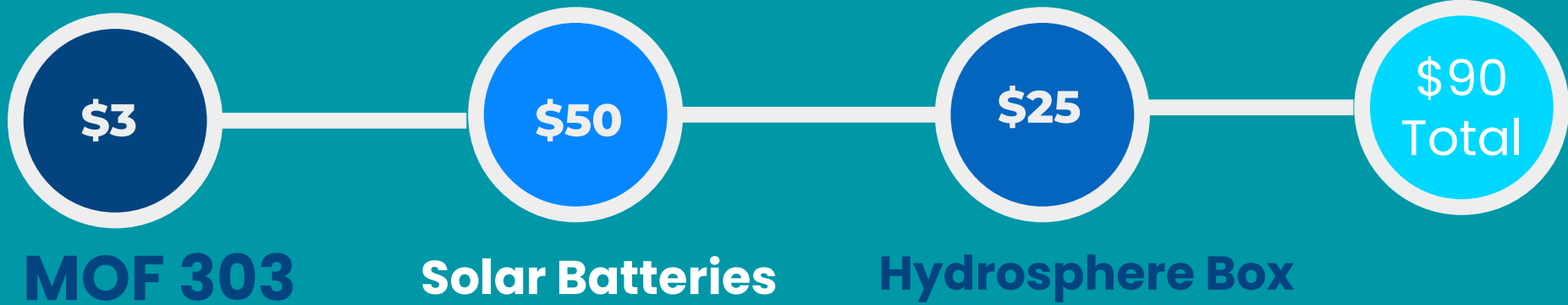
1.
At high humidity and lower temperatures, water molecules stick to the MOF.

2.
The collector is sealed during the day. The sun's heat and lower daytime humidity cause the MOF to release water molecules.

3.
The drips collect into pure, drinkable water.



Cost Breakdown



Next Steps

We plan to have distributed over 200,000 Hydrosphere boxes by 2030. Our timeline will depend on funding from potential investors and distribution plans.



Gain funding from partnerships with tech labs and investors.




Build Boxes



Distribute Boxes to Areas in Need the Most



Impact Thousands of Communities

A group of African children are gathered together, many holding clear plastic cups filled with water. They are all smiling and looking towards the camera. A large blue circle is overlaid on the left side of the image, containing white text. The background is slightly blurred, focusing attention on the children and the text.

**We envision a
future where no one
has to worry about
where their next
drink will come
from.**

OUR TEAM



HYDRSPHERE