

PURPOSE

What is the biggest purpose behind your idea?
(a highly aspirational tagline that tries to solve a global challenge)

→ When water runs out, people won't be able to drink, wash, or feed their crops, and the economy will suffer. We, at Team Poseidon, wish to supply sustainable water fit for a God for everyone.

→ Two-thirds of the world's population may face water scarcity by 2025.

SOCIAL IMPACT

What positive impact does your idea have on society?

Globally, more than 785 million people did not have access to at least basic water services and more than 884 million people did not have safe water to drink.

The impacts of water scarcity affect families and their communities. Without clean, easily accessible water, they can become locked in poverty for generations.

We intend on creating water out of humid air and providing safe drinkable water to society. People living in areas facing water scarcity can get water from air, provided that the air has some amount of water vapor in it.

ENVIRONMENTAL IMPACT

What positive impact does your idea have on the environment?

There is no doubt in most people's minds that we are currently going through a climate crisis.

One that not only causes changes to the weather and increases the global temperature but also causes water scarcity.

As previously mentioned, water scarcity is a problem we wish to solve with our product, The Trident.

Through this, we wish to remedy the effects of climate change on our water sources.

PEOPLE

Who will benefit from your idea?

Water is essential to all life. From the Mediterranean seas of Greece, to the sky-raising buildings of Singapore, people of all walks of life need water.

MOONSHOT

Describe your idea in 3 sentences!

Team Poseidon is proud to present: **The Trident. Its main feature is to convert water vapor, found in our atmosphere, to drinkable water. We plan to build sustainable Trident water plants all over the world to bring safe water closer to the public.**

BREAKTHROUGH TECHNOLOGY

Which technologies help you realize your idea?

We will be generating potable water with the help of solar hydro panels using solar heat and solar energy. It converts water vapor from the air and holds it in a very concentrated form then using solar energy the water molecules are converted to liquid water which is collected in a reservoir and released as pure water.

FINANCIAL IMPACT

How do you make sure your idea is financially sustainable?

Instead of providing people compensation for lack of resources in the form of money, we would be able to provide them with an actual device which helps with their problem.

And instead of buying the device as a whole, we'll be installing them within communities where people would have to pay an amount of fees as a monthly subscription to the device which will make it easier to afford and any excess access gained can be used to provide this in areas where this might not be affordable at all.