

PURPOSE

What is the biggest purpose behind your idea?

Our idea's biggest purpose is to tackle the issue of deforestation to reduce one of the world's biggest issues which is global warming that threatens our planet and our motive is to create a way to reduce the clearing forests by using sustainable practices to save our planet

, in addition to trying to find alternative ways for agriculture which is now considered the biggest cause of deforestation.

SOCIAL IMPACT

What positive impact does your idea have on society?

Our idea encourages society to carry out sustainable practices in everyone's everyday life, in addition, it will make people aware of issues facing our planet and their major impacts and to think about behaviours like agricultural expansion and to know that it's the largest cause of deforestation and to

know that using farming technology as an alternative way to this will reduce this behaviour and will provide people and animals with enough food and decrease forest land use.

ENVIRONMENTAL IMPACT

What positive impact does your idea have on the environment?

Our idea will help in reducing global warming which is a threat to our planet and it will also help to protect the habitats of animals, in addition to keeping the biodiversity balanced and protected. We hope to bring a positive impact on the environment by applying the 15th Sustainable Goal.

PEOPLE

Who will benefit from your idea?

Both animals and people will benefit from the use of our idea as animals will have safe and secure habitats in the forest, the biodiversity will thrive and humans will have food sufficiency and security without the need of using up more of the forest land.

MOONSHOT

Describe your idea in 3 sentences!

Our solution is a complementary system that contains cattle, fishes and plants.

It's an environmentally-friendly system that depends on renewable energy to make the system work.

Using aquaponics will have positive impacts such as producing crops in a short time and occupying less space which will reduce deforestation.

BREAKTHROUGH TECHNOLOGY

Which technologies help you realize your idea?

We were inspired by the system of aquaponics. In hydroponics, the water gets removed after its usage. In agriculture, fish waste and fish food are often removed as they are harmful. Also, we will use devices that will convert kinetic energy from the cattle into electricity to help the system work and we will also use water pumps that will circulate water between fish tanks and plants.

FINANCIAL IMPACT

How do you make sure your idea is financially sustainable?

Our idea is financially sustainable as we will be using energy converted from the cattle as electricity, and this will reduce deforestation, global warming and the impacts of removing forests. Therefore, countries will financially support the idea to get the benefit.