

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

PURPOSE

To Reduce and Adapt to the effect of climate change and to help Help families in need of clean housing helps them to have a decent life, clean shelter, air, and clean food.

To Recycle garbage and waste for economic and environmental purposes and to Address and reduce pollution fouling our air, water, and soil.

SOCIAL IMPACT

What positive impact does your idea have on society?

Creating new jobs and thus solving the global unemployment problem through the participation of these unemployed individuals in collecting plastics in an organized manner, where each type of plastic produces different outputs from the

and thus workers begin to classify these plastics, so that polypropylene is in a category and high-density polyethylene in a category as well as LDPE, PET, PS, and PVC

ENVIRONMENTAL IMPACT

What positive impact does your idea have on the environment?

Air pollution will be reduced and also the death resulting from it. The water pollution problem will be met by recycling garbage and waste. The danger that is exposed to humans, animals, and plants will be limited.

The causes of global warming will be reduced, thus reducing its negative effects on living organisms and the environment (ocean acidification for example). The problems of (loss of sea ice, accelerated sea-level rise, and longer, more intense heat waves) will be reduced.

PEOPLE

Who will benefit from your idea?

Families in need of clean housing, a decent life, clean shelter, air, and clean food.

MOONSHOT

Describe your idea in 3 sentences!

We help thousands of citizens, and land and marine animals suffering from plastic pollution. At the same time, we produce fuel (energy) for economic benefit only for an amount of 500 Egyptian pounds. Let's kill two birds with one stone, get rid of pollution, save millions of lives, and benefit as an economic investing country.

BREAKTHROUGH TECHNOLOGY

Which technologies help you realize your idea?

The physical and chemical properties of fluids and mathematical calculations based on the angles of exit of these materials from the chamber in which the plastic combustion process occurs are designed to be an angle of 25 to reduce the tendency of these fluids so that one does not hinder the movement of the other and thus the process takes place quickly, to quickly get rid of plastic pollution and its damages

FINANCIAL IMPACT

How do you make sure your idea is financially sustainable?

The materials used in the Pyrolysis process are good heat conductors that do not fuse easily and are not costly at all, only 500 Egyptian pounds. This project was designed according to 3 design requirements, which are cost, time, and production efficiency, and according to each one, the cost was as mentioned above and the time was 7 minutes Just!! Knowing that previous solutions took up to hours, and the efficiency of the products was high.

