PlastiFuel Colombia · Energía limpia (eólica, solar, renovables, biomasa, geotérmica, pilas de combustible, nuclear, medición)

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Country: Colombia **Category:** Energía limpia (eólica, solar, renovables, biomasa, geotérmica, pilas de combustible, nuclear, medición) **Impact Areas:** Mitigation **Stage:** Ideation **Team Size:** 3 **Funded:** NO **Founder:** Diana Paola Sanabria Chaparro

Elevator Pitch

PlastiFuel Colombia is an idea committed to the care of the environment, with the transformation of plastic waste into gasoline. It seeks to reduce plastic pollution and promote a cleaner energy alternative.

Climate Problem

It addresses the serious problem of environmental pollution caused by non-recyclable plastic waste. Through pyrolysis, we transform this waste into useful fuels, reducing the amount of plastic in landfills and ecosystems.

Solution

It consists of implementing pyrolysis technology to convert non-recyclable plastic waste into clean and usable gasoline. In this way, we reduce the accumulation of polluting plastics and promote the circular economy.

Revenue Model

Through the sale of gasoline produced by pyrolysis to companies in the transportation, agricultural and industrial sectors. In addition, we will offer plastic waste processing services to municipalities and organizations interested in environmental management.

Target Market

It includes municipalities and waste management companies seeking sustainable solutions for plastics management, as well as industrial and transportation sectors interested in alternative fuels.

Social Impact

Personas que viven en la pobreza extrema Mujeres

Demand Evidence

Growing global concern about plastic pollution and the need for cleaner energy sources. Market studies, environmental regulations and the interest of governments and companies in adopting sustainable practices are evidence of real demand.

Competitors

Companies working in waste recovery through processes such as mechanical recycling or incineration, as well as some emerging initiatives in pyrolysis of plastics.

Founder Expertise

I bring experience in management of research and technological development projects, especially in the field of sustainable solutions and integration of new technologies. In addition to knowledge to generate the structure of the prototypes.

External Support

None.

Team

Project management leader and coordinates the technological implementation. Operations and logistics supervisor, ensuring the smooth running of the plant. Assistant accountant and scheduling manages the financial analysis and technological support.

Founder

Diana Paola Sanabria Chaparro

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