

Wayra Watt · Clean Energy

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Country: Peru · Lima **Category:** Clean Energy **Impact Areas:** Circular Economy **Stage:** Sketches **Team Size:** 2
Website: —

Elevator Pitch

Wayra Watt develops wind turbines made from recycled materials to produce clean, affordable energy. Our solution reduces waste and promotes the circular economy in communities with limited access to electricity.

Climate Problem

Wayra Watt addresses waste pollution and carbon emissions generated by conventional energy sources. It is important because it harnesses wind power to produce clean energy and promotes the circular economy through the use of recycled materials.

Solution

Wayra Watt transforms recycled materials into low-cost wind turbines. We collect waste to create wind turbines that provide clean electricity to energy-deprived households, reducing emissions through the circular economy.

Revenue Model

We will generate revenue by selling wind turbines made from recycled materials and through partnerships with organizations focused on renewable energy and the circular economy.

Target Market

Our target market includes communities and areas with wind energy potential and limited access to electricity, as well as organizations and projects interested in renewable energy, sustainability, and the circular economy.

Social Impact

Indigenous Peoples, People Living in Extreme Poverty

Demand Evidence

Demand exists due to growing interest in renewable energy and sustainable solutions in areas with limited access to electricity. In addition, the increase in recyclable waste is driving alternatives based on the circular economy.

Competitors

At present, we do not identify any direct competitors in our region, as there are no other offerings focused on low-cost wind turbines made from recycled materials and designed for communities with limited access to energy.

Founder Expertise

I bring expertise in environmental engineering, sustainability, and renewable energy, with a focus on transforming recycled materials into innovative clean energy solutions that have a positive environmental and social impact.

External Support

Wayra Watt received support and recognition through the Impulso Joven program run by UNESCO, Nestlé, and Socialab, gaining access to mentorship and validation to strengthen the startup's development.

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