

# BioResin · Clean Industry

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## BioResin

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**Country:** Costa Rica · San José **Category:** Clean Industry **Impact Areas:** Circular Economy **Stage:** Sketches  
**Team Size:** 2 **Website:** <https://bioresincr.com>

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## Elevator Pitch

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We are a startup that develops biodegradable bioplastics made from cassava starch for agricultural and export applications. Our goal is to minimize the use of conventional plastics, reduce waste, and improve post-consumer waste management.

## Climate Problem

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The issue at hand is reducing the use of conventional plastic in agricultural and export applications that generate large amounts of waste and incur high post-consumer waste management costs

## Solution

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Our solution involves developing bioplastics derived from natural sources such as cassava, thereby minimizing the excessive use of conventional plastic in high-volume agricultural supply chains by offering functional bioplastics with a lower environmental impact

## Revenue Model

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Our revenue model will be B2B, selling bioplastics directly to agricultural exporters and input suppliers seeking new sustainable alternatives to incorporate into their product lines and value chains

## Target Market

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Our product is designed for the agricultural market and other sectors such as fruit and vegetable exports. Its various agricultural applications include transportation, protection, and use during planting, growth, and harvesting.

## Social Impact

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People of African Descent, People Living in Extreme Poverty, Women, LGBTQI+ People

## Demand Evidence

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The global market is being impacted by the excessive management of post-consumer plastic waste, prompting companies and consumers to become more environmentally conscious and seek new solutions to this problem

## Competitors

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Our direct competitors are any conventional plastic manufacturers, as they offer a product with a well-established and stable market; in our country, there are several conventional plastic manufacturers and one bioplastic company

## Founder Expertise

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We are a team with expertise in the fields of chemistry, engineering, the medical industry, the plastics industry, and agrochemicals; as a result, our team brings extensive experience in various areas related to the industrial and agricultural sectors.

## External Support

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We have received a grant from Impact Hub through the Constelar initiative

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*Source: ClimateLaunchpad 2026 Application · App ID: 9557 Ingested: 2026-05-25*

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