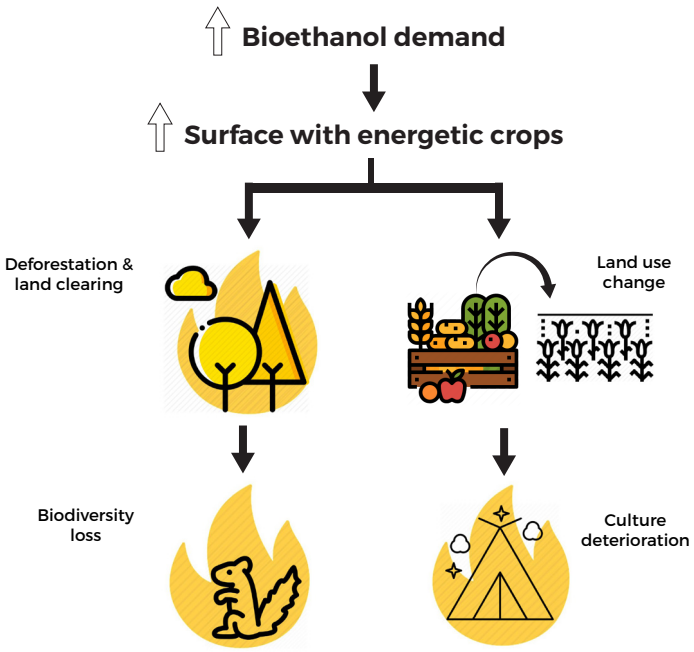
ADDING VALUE
TO INVALUABLE

What is BieM-Bioetanol Mendoza?

A biotech project aiming to improve residue valorization by obtaining bioproducts. We are developing a Second Generation Bioethanol from grape pomace, the main residue of winemaking.

The Problem

Only 0,2% of all the bioethanol consumed in the world comes from non-food products, the rest derives from edible feedstocks such as corn, sugar cane and sugar beet.



In Argentina alone, more than 300,000 hectares of land are used every year for bioethanol production, a surface that increases every year due to the rising demand of this biofuel.

Market

1°G Bioethanol Current Market / 109.000.000 m³/year

Cellulosic Ethanol Current Market
(output capacity of plants in operation)
0.22% of the market
245.000 m³/year

Project BieM
Potential
210.000 m³/year

Competition

Several research groups are trying to find new uses for feedstocks and residues. Our main difference is what we pursue. We want to create an impact now. In order for this to happen, we approach companies with the most advanced resources in every field. Combining their knowledge and our view to create a change of the current system.

The Solution

Produce a Second Generation Bioethanol from grape pomace, made by a collection of processes that would be attached to every wine distillery over the world.

Revenue model

Incomes will be perceived by an agreed percentage of the revenue obtained by the stakeholders (biotech company by selling the enzymatic cocktail, engineering company by building the necessary infrastructure) and an initial payment from wine distilleries.

GTM strategy and Traction

- Add a second generation engineering company to the project (selection stage).
- Build a specific enzymatic cocktail for grape pomace (stage raised to Novozymes).
- Test the optimized process in a wine distillery (previous work with distilleries in Spain and Argentina).
- Scale up.
- Spread and offer the process to the world.

We do not expect our clients to contact us. We identify feedstocks over the territory, we study their management, we unravel the processes and we do proposals to improve their use.

BieM
Bioetanol Mendoza.

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