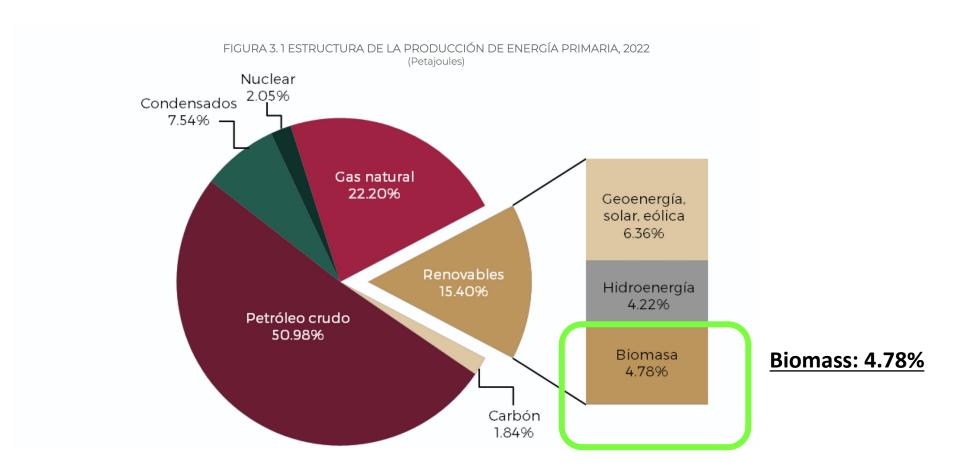
DEVELOPING PELLET PRODUCTION IN CENTRAL AND SOUTH AMERICA





Mexico: Oveview

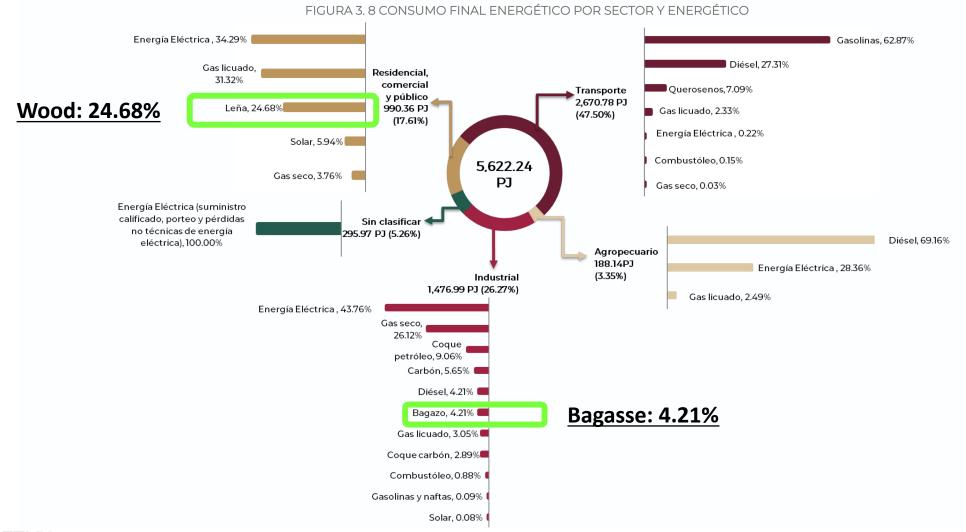
Primary energy production





Mexico: Oveview

Final energy consumption by sector

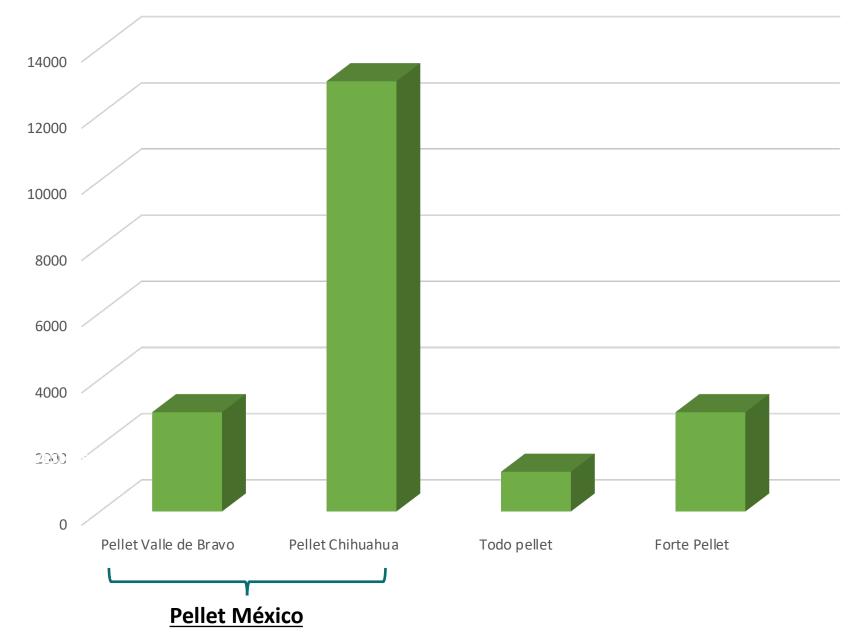




Mexico: Oveview

PELLETMX

Pellet production (installed capacity tons/yr)



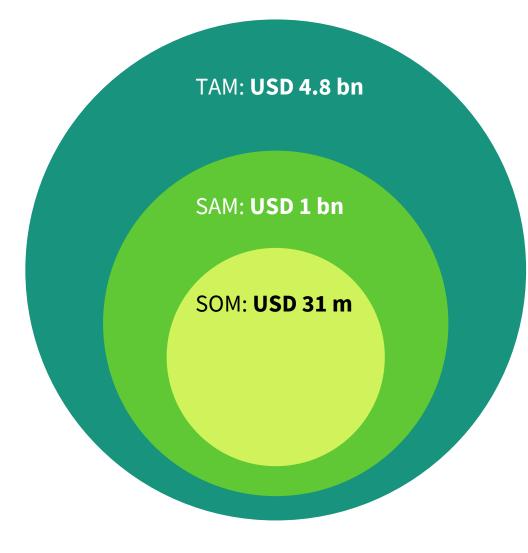
Projects Location





Marketplace

LP Gas and Diesel Replacement



Market Size

TAM

- Substitution of national consumption of LPG and diesel in the sectors:
 - Industrial
 - Hotelier
 - Domestic
- Volume: 22 million tons of pellets per year
- Value: \$4.8 billion

SAM

- Substitution of national consumption of LP gas and diesel in:
 - Industrial sector
- Volume: 4 million tons of pellets per year
- Value: \$1 billion

SOM

- 0.6% of TAM
 - Industrial sector
- Volume: 146,000 tons of pellets per year
- Value: \$31 million



Global Context and Momentum

Global Need | Local Potential | Pellet Mexico: First in the Marketplace





Climate change

- The transition to net-zero requires urgent efforts on as many fronts as possible:
 - Supply Chain
 - **Production Processes**
 - **Power Generation**
 - **Circular Economy** ____
 - Investment
 - **Consumption habits** —
 - **Net-Zero Public Policy** ____



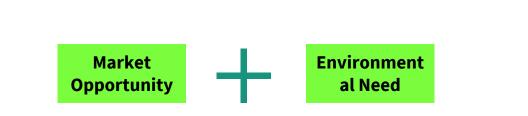
1,600 Petajoules

Mexico's biomass energy potential

A.

Pellet Mexico

 First company in the Mexican market on an industrial scale





- Build the complete value chain
 - Develop the domestic market



Pellet Mexico

Waste to Energy

Pellet Mexico takes advantage of agricultural, forestry and organic waste to generate renewable energy.





The Problem

Waste and Unsustainability



Organic waste

- The processes of the industries:
 - Forestry
 - Agricultural
 - Food & Beverage
 - Other





Dependence on fossil fuels

- The demand for thermal and electrical energy is largely met by:
 - Coal, gas and hydrocarbons
 - Few clean sources to produce thermal energy

Climate change

- High concentrations of gases in the atmosphere
 - Global Warming
 - Environmental degradation

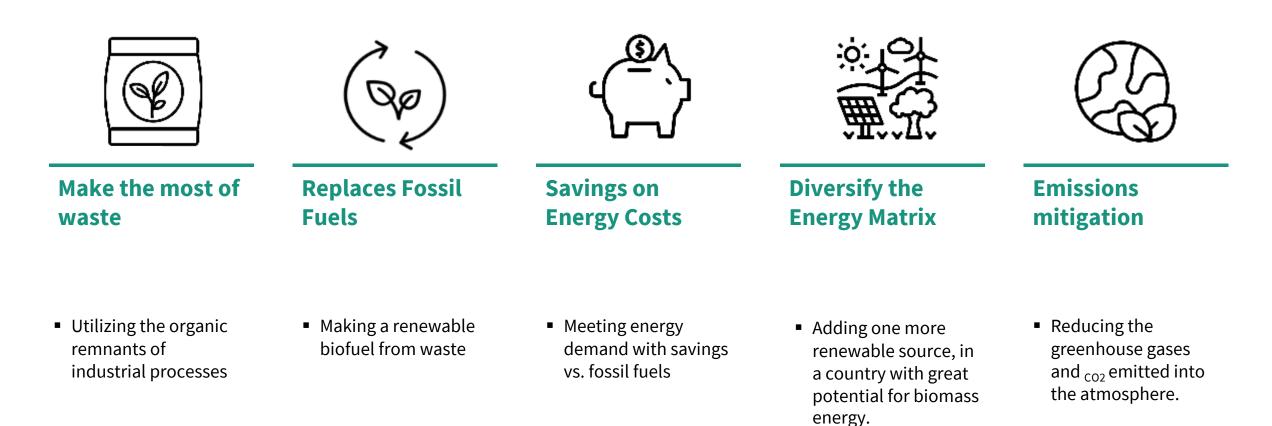
They generate waste that could be put to good use: Circular Economy



Environmental Damage High Costs Ecological destruction Damage to health Unsustainability

The Solution

A renewable energy source that uses waste to produce energy in a sustainable way.





Business Strategy

Business Model

Raw material price control

Stabilization of raw material prices with long-term agreements, which guarantee the supply of raw materials.

Partnership with local producers

Partnership with local producers, owners of organic waste, by means of special vehicles for the construction of plants.

Location of the plants

The pellet production plants are located regionally, close to the biomass (raw material).

Leading producer of solid biofuels

Sustainable developer of the national thermal bioenergy market. Greenhouse gas and _{CO2} mitigation.

Energy Commercialization

The replacement of thermal energy with pellets is done locally within a radius of no more than 150 km from the plant.

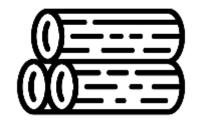
Substitution of thermal energy with pellets

Support in the adaptation of industrial processes that require thermal energy and use coal, gas and hydrocarbons.



Business Strategy

Marketing chain



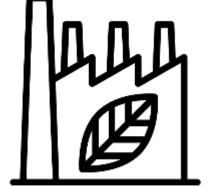
Waste generating company Pellet Mexico Partner



Other waste generators



Sale of raw material to Pellet Mexico



Sale of pellets to the final customer

Pellet Mexico Strategy

- Sales (B2B)
 - Long-term, fixed-price pellet purchase agreements
 - An adaptation is made to the customer's existing processes, replacing the existing burners with new pellet burners.

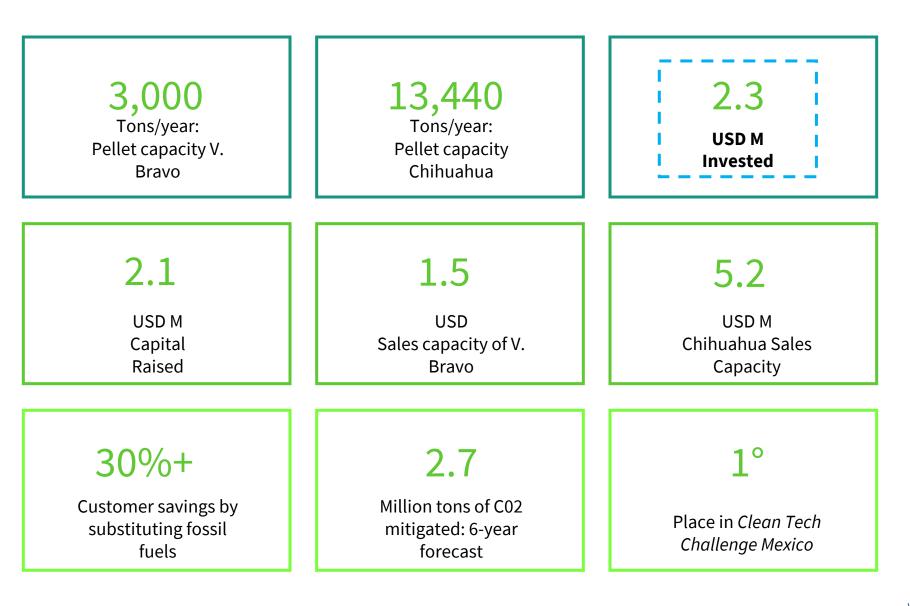
Raw Material

- Pellet Mexico partners with waste generators through special vehicles.
 - Incentives are aligned and the supply of material to produce is guaranteed.



Traction

Relevant Milestones and Metrics





200,000 tons/year after a development period of 10 years

2021	2023	2024	2025	2026	2027	2028
Pellet Vallede Bravo	Pellet Chihuahua	Pellet Jalisco	PelletColima	Pellet Sinaloa	Pellet Coahuila	Pellet Chiapas
3,000 tons/year pine pellets	13,440 tons/year pine pellets	13,440 tons/year pine pellets	13,440 tons/year pine pellets	30,000 tons/year mango seed pellets	30,000 tons/year Solid biofuel avocado pit	30,000 tons/año palm raquis pellets 2029 J 2032 Additional 15,000 tons/year per year
00						



Growth



Phase 1. Development Investment: **\$3.4 million**



June 2021



April 2023



June 2024



January 2025

Product Fit

Go to Market





Closing of long-term supply contracts

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Commercial and financial consolidation
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Scalability internal & regional consumption markets



Phase 2. Scalability Investment: **\$10 million**



- Opening of regional markets
- Expanding supply and assurance capacity on the matter
- Scale up production 15,000 tons/year after 2029
- 200,000 tons/year in 10 years for the internal consumption market
- Replicating the model in Latin America



Export european market



Phase 3. Scalability Investment: **\$50 million**





Access to the international export market

- Expanding supply and assurance capacity through forestry managment and energy crops
- Export volume 60,000 –
 100,000 tons/year
- European long term offtake agreements
- Expansion to other markets (Japan & South Korea)



Team

Professional management team

Management Team



Oscar Espinosa Mijares Founder and CEO



Alejandro Cruz Administrative Director



Luis Rodríguez Benayas Founder and Chief Technology Officer



Guillermo Marcial Valdez Technical Coordinator



Samuel Gonzalez **Plant Manager**

LETMX



Former President of the Energy Regulatory Commission

Ernesto Marcos

ex-CFO of PEMEX

Board Members Selected

Francisco Barnés de Castro

- Carlos Mendoza
 - President of AMEXCAP, CEO of Discovery Americas I, II
- Alexander Oechler
 - Managing Director, Investment Banking, CITI
- Andrés Alija
 - CEO, EXI Operadora Quantum
- Hector Castro
 - VP Corporate Affairs, SAAVI Energy

Acknowledgements

Achievements | Collaborations | Awards















PELLETMX









Acknowledgements

One of the 1000 Efficient Solutions to Take Care of the Environment



- An audit was made to Pellet Mexico focused on:
 - Business Model
 - Energy solution

Solar Impulse Foundation

- Pellet Mexico's business model was named one of the 1000 efficient solutions to protect the environment.
- Key Features:
- Environmental way to reuse forestry, agricultural and food production waste.
- Safe and risk-free combustion process
- Highly effective and low-cost industrial adaptation
- Profitability
- 40% savings, average vs. traditional fossil fuels
- 25% savings, average vs. LP Gas

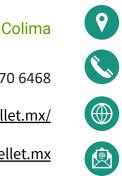
SOLARIMPULSE FOUNDATION

Click to read Pellet Mexico's profile on SOLARIMPULSE





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Oscar Espinosa Mijares Founder & CEO

