

# CIRCULAR ECONOMY



**UNALA**  
Unión de Azucareros  
Latinoamericanos  
União do Açúcar Latino-americano –UNALA–

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Sustainability Advisor



## UNALA

Is a private non-profit organization that brings together the agro-industrial sector of sugar cane and sugar beet in Latin America.



## Water & Energy

Are basic elements of our work and for the sustainable development of our countries.



## 12 MEMBER COUNTRIES

Argentina, Brazil, Chile, Colombia, Costa Rica, El Salvador, Guatemala, Mexico, Nicaragua, Peru, Dominican Republic, and Panamá.



## 2030 AGENDA

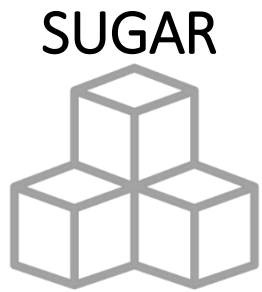
Committed to promote the implementation of the objectives.



# CURRENT EFFORTS



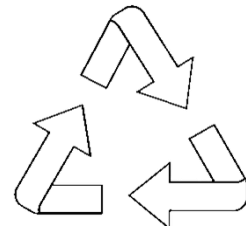
1



- Inform and educate about sugar as a food and about its substitutes.
- Show the importance of the impact of the value chain of the sugar industry.
- Share experiences and knowledge related to sugar regulation, education, and consumption.

2

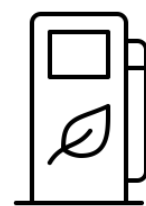
SUSTAINABILITY



- Share and promote knowledge and experiences on environmental, social, and economic sustainability practices.
- Explore and build a program for continual improvement of sustainability practices.
- Communicate information on the sustainability practices that are being implemented by the sugar agroindustry in Latin America and their impact.

RENEWABLE ENERGY AND  
COPRODUCTS

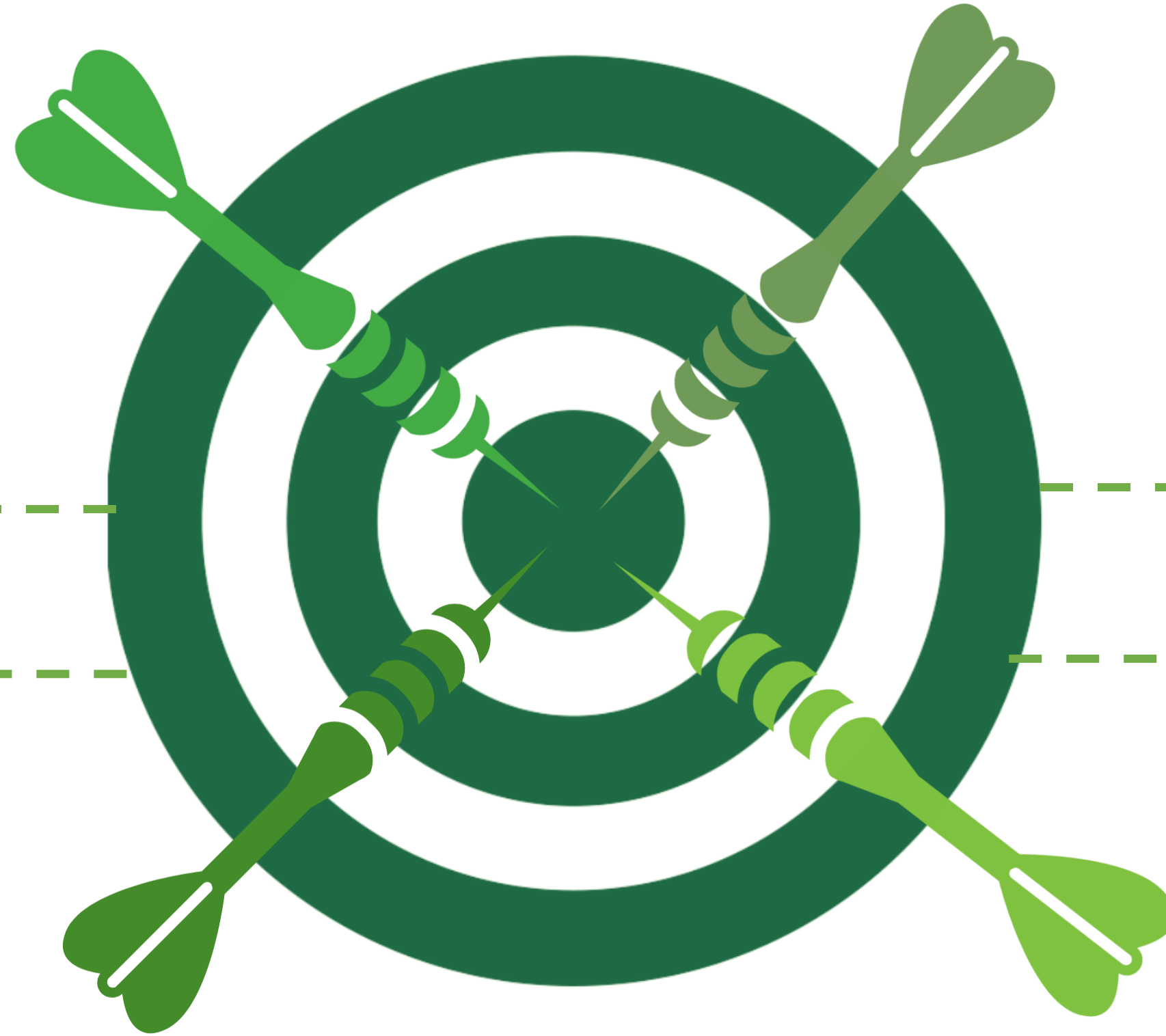
3



- Promote at the Latin American level the use of ethanol and the generation of electricity using sugar cane bagasse and other biological residues.
- Exchange experiences and knowledge on the use of ethanol and the generation of electricity with biofuels.
- Report on the importance of the sugar industry as a generator of bioenergy in the energy matrix of Latin America.

# MAIN PURPOSES

Facilitate the space for dialogue to **promote communication**, the development of activities that **benefit our countries**.



Promote the exchange of information and the development of **research and technology** for the benefit of the sector

**Represent the Latin American sugar sector** before regional or multilateral organizations.

Promote actions, programs **and strategies aimed to the sustainable development** of the Latin American sugar industry.

# WHAT OUR SECTOR REPRESENT

WORLD  
SUGAR  
PRODUCTION



34%

WORLD  
ETHANOL  
PRODUCTION



32%

JOBS  
PRODUCED



+6.4  
million

ENERGY  
COGENERATION

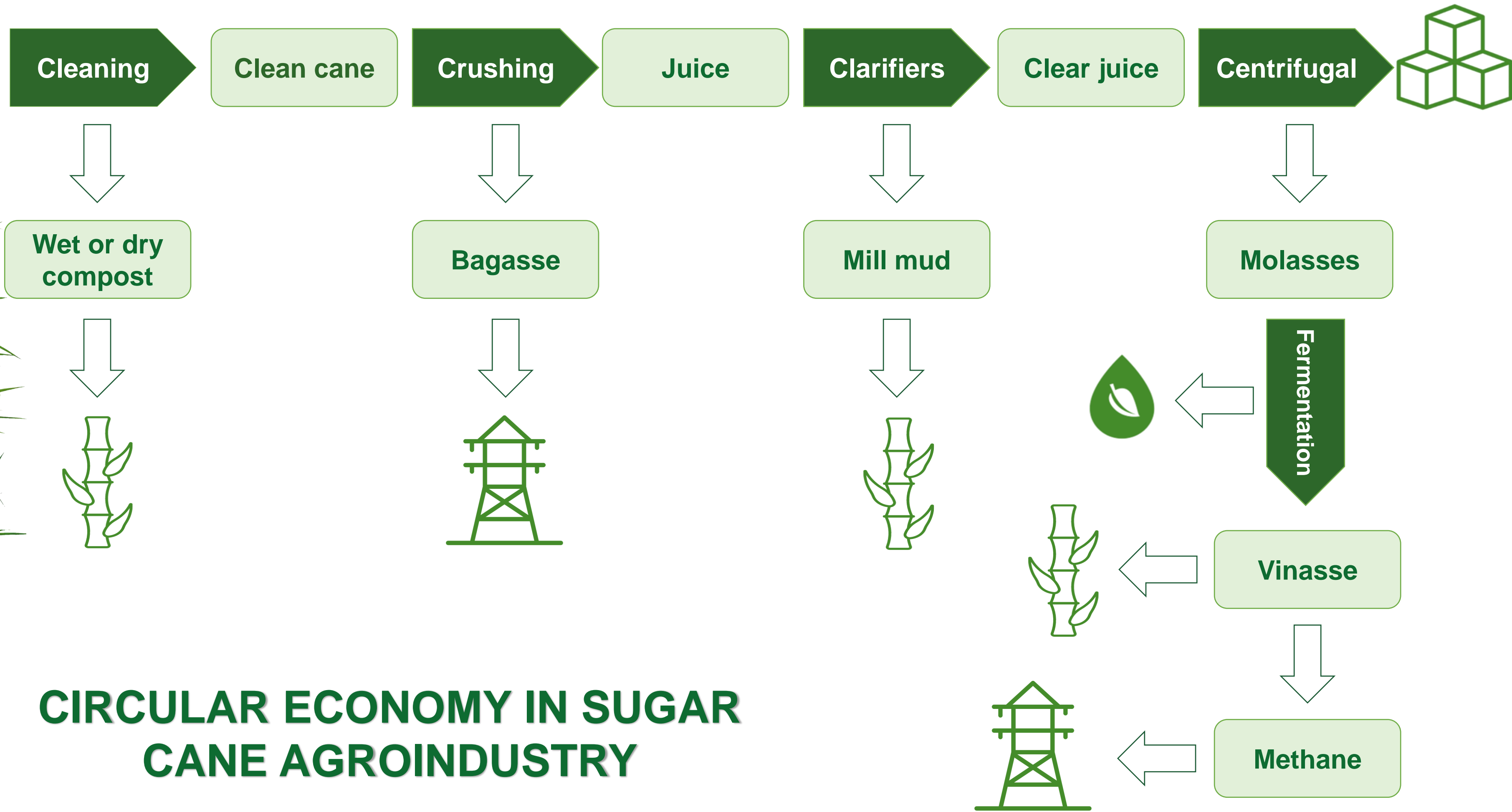


SECOND  
SOURCE IN  
ENERGY  
MATRIX IN  
BRAZIL &  
GUATEMALA

EFFICIENCY IN  
WATER USE



USE OF  
EFFICIENT  
IRRIGATION  
SYSTEMS



**CIRCULAR ECONOMY IN SUGAR CANE AGROINDUSTRY**

# Other products derived from sugar cane

Sugar

Pelet

Electricity

Ethanol

Packing

Bioplastic

Paper

Alcohol

Cement

Cosmetics

Fertilizers





1

- Guatemala:
  - ✓ Electricity **cogeneration** of 993 MWh
  - ✓ 334,000 **jobs generated**

2

- Costa Rica:
  - ✓ 429,000 **metric tons of sugar produced**
  - ✓ 75,000 **Jobs generated**

3

- Colombia:
  - ✓ Packaging, trays and cutlery made from sugarcane **bagasse**
  - ✓ 244,000 **harvested hectares**

4

- Brazil:
  - ✓ 32 billion liters of **ethanol produced each year**
  - ✓ 244,000 **harvested hectares**

5

- Argentina
  - ✓ +130,000 tons of paper **made from sugarcane waste**
  - ✓ Production of **cosmetics** from **sugarcane waste**



# ¡THANK YOU!

## CONTACT:

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- Website: [unala.org](http://unala.org)

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