



## WS29: Opportunities of bioenergy and biofuels in developing economies

# Application of GBEP bioenergy sustainability indicators in developing countries: Paraguay

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# A BRIEF HISTORY OF BIOFUELS IN PARAGUAY

1999

- Ethanol Blending (E10)

2005

- Biofuels Mandatory Blending Law

2006

- REDIEX Multistakeholder Table

2007

- E25 and B1 Blending

2023

- E27 and B2 Blending

2007

- Paraguay joins GBEP

2016 - 2018

- Implementation of GBEP Indicators  
- Ethanol and Biomass

2021

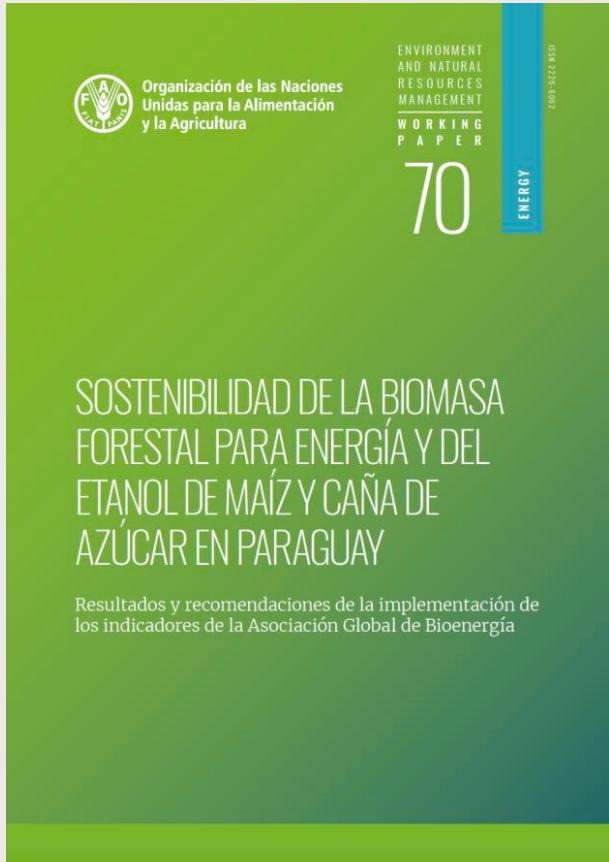
- Implementation of GBEP Indicators  
- Biodiesel

2022

- Bioenergy Week. Asuncion, Paraguay

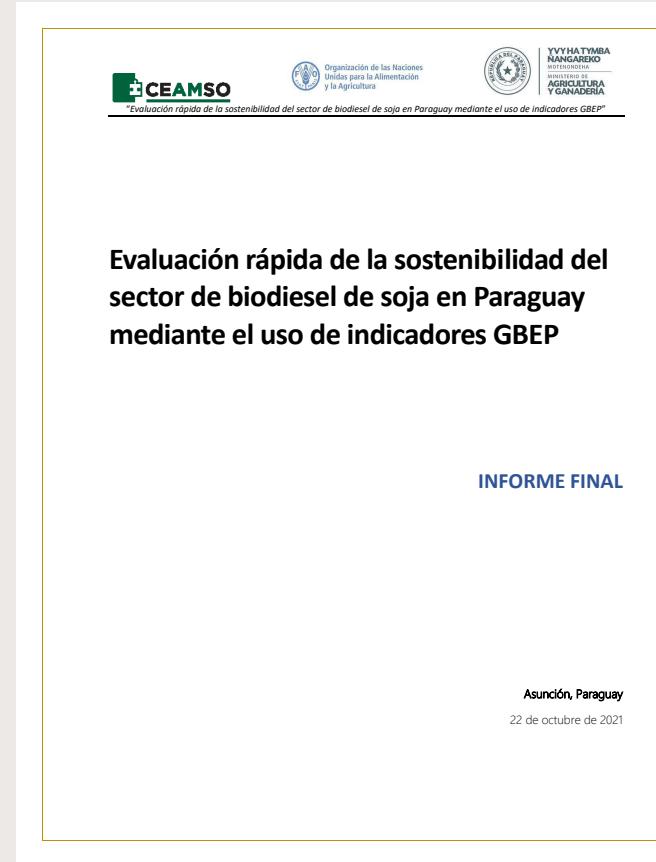
# GBEP INDICATORS PROJECTS IN PARAGUAY

2018



<https://www.fao.org/3/i9576es/I9576ES.pdf>

2021



[https://www.globalbioenergy.org/fileadmin/user\\_upload/gbep/docs/AG2/Paraguay\\_project/Paraguay\\_2021/SOST\\_BIODIESEL\\_DE\\_SOJA\\_VERSION\\_FINAL-22\\_oct-2021 - PRODUCTO\\_4.pdf](https://www.globalbioenergy.org/fileadmin/user_upload/gbep/docs/AG2/Paraguay_project/Paraguay_2021/SOST_BIODIESEL_DE_SOJA_VERSION_FINAL-22_oct-2021 - PRODUCTO_4.pdf)



ANOTHER STEP

# 9TH BIOENERGY WEEK - ASUNCION

Authorities learned first-hand the importance of GBEP Sustainability indicators, and the work done in that matter so far in Paraguay.

They get acquainted with the reality and potential of bioenergy production and use in Paraguay.

They met main actors and stakeholders from Paraguay and the region.

# GBEP INDICATORS PROJECTS IN PARAGUAY

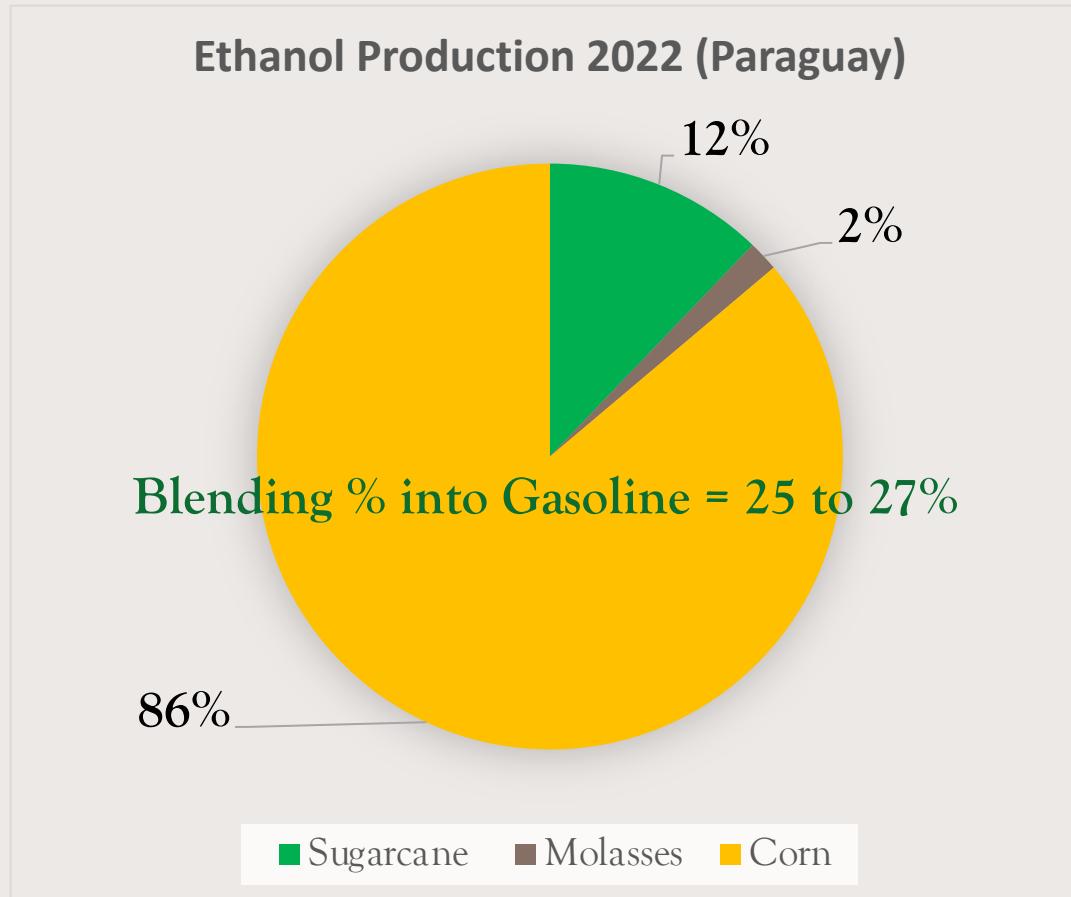
## Recommendations for Future Monitoring (Ethanol)

- Broad the scope of the analysis to other bioenergy pathways such as Biodiesel ✓
- Improve the collection of Data, primary and secondary ✓
- Exchange of good practice, expertise and lesson learned is crucial ✓
- Socialize and promote the results among top executives and authorities ✓

## Recommendations for Future Monitoring (Biodiesel)

- Institutionalize a MSWG for policy design and implementation ✓
- Economic Pillar:
  - *Installed production capacity is greater than actual production (and demand).*
  - *Soybean oil still expensive*
  - *MSWG finds a way to implement policy to increase blending percentage* ✓

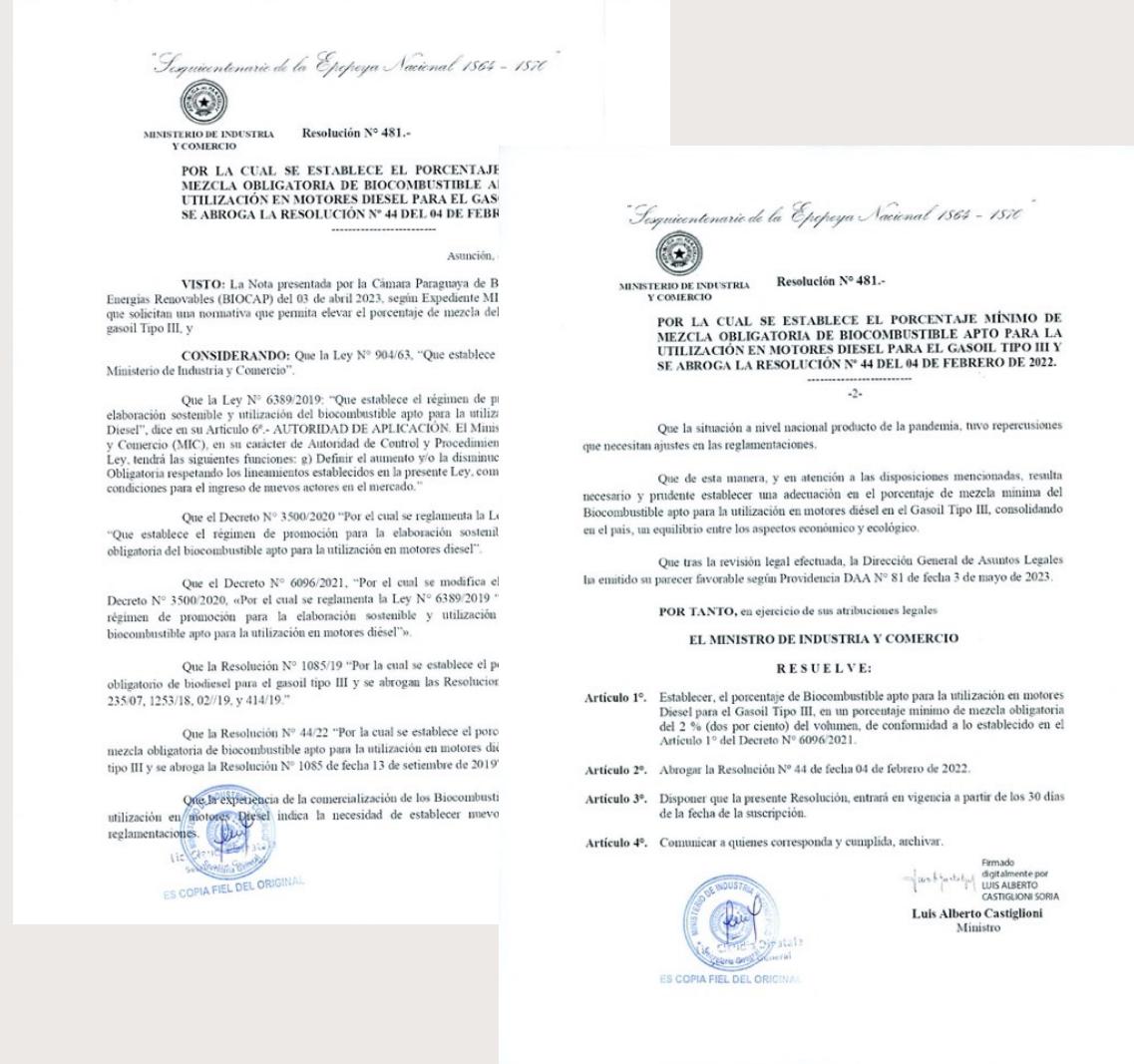
# CURRENT BIOFUELS SITUATION IN PARAGUAY



Raw Material	Production(Liters)
Sugarcane	70,734,668
Molasses	9,769,833
Corn	501,059,577
Total	581,564,078



# CURRENT BIOFUELS SITUATION IN PARAGUAY



From June 2023, blending percentage of Biodiesel into Diesel will be increased from 1% to 2%, which represents a 100% increase, after 17 years.



# THANK YOU

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