

AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



Sustainable Aviation Fuels (SAF)

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Timeline

 **BSBIOS** 2011
ENERGIA RENOVÁVEL

inauguration of the second BSBIOS Biodiesel plant in partnership with Petrobras



 **Omega Green** 2018

Start Omega Green Project

2005  **BSBIOS**
ENERGIA RENOVÁVEL

BSBIOS foundation



 **BSBIOS**
ENERGIA RENOVÁVEL

Becomes the largest Biodiesel company in Brazil

2020  Omega Green
Notice-To-Proceed (NTP) e
beginning of construction.

 Omega Green 2023
Commercial Operation Date (COD).
1º Half 2023

 Omega Green
The Project

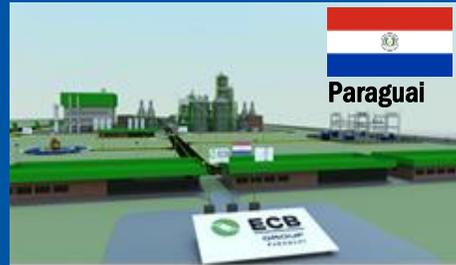


OMEGA GREEN

Daily Production:
HVO/SPK: 20K barrels/day



Omega Green is an integrated complex to be located on Villeta, 45 km South of Asunción/ Paraguay, dedicated to the production of Renewable Diesel (HVO) and Renewable Jet Fuel (SPK). The complex will be the **first advanced renewable fuel plant** in the South Hemisphere.



~US\$ 800 million total investment



~ US\$ 1.0 billion in projected annual revenue



~ **US \$ 8 billion** increase in Paraguay's GDP over 10 years



3,000 jobs will be generated during construction and **2,400** direct and indirect jobs during the operation.



20,000+ families of small farmers and collectors will benefit from the added feedstock demand



First half of 2023: Operation date



Sustainable aviation fuel produced from Omega Green



Aviation Fuels

Feedstock type	Conversion process
Animal Fats, Used Cooking Oil, Soybean Oil	Hydrotreatment Plant

- Omega Green is an integrated Renewable Diesel (HVO) and Renewable Jet Fuel (SPK) complex under development in Paraguay. Integrated Complex composed, Pretreatment Plant, Steam Methane Reforming Plant (SMR), Hydrotreatment Plant, Shipping Terminal, Other Facilities!
- Omega Green is designed to produce 20,000 barrels per day of advanced biofuels.





CO₂ reductions per flight

Up to

85%



Level of finance required

100%



Timeframe

2023



Main challenges

Development of regulatory framework for advanced biofuels



Thank You

