



SAF in Brazil: overview

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Brazil





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DEC / 2014

JUL / 2014

ANP - resolution 63 5/12/14 HEFA

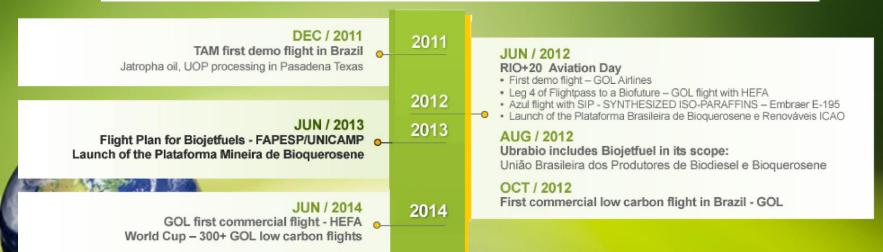
First international low carbon flight GOL

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Timeline Brazilian Biojetfuel Program

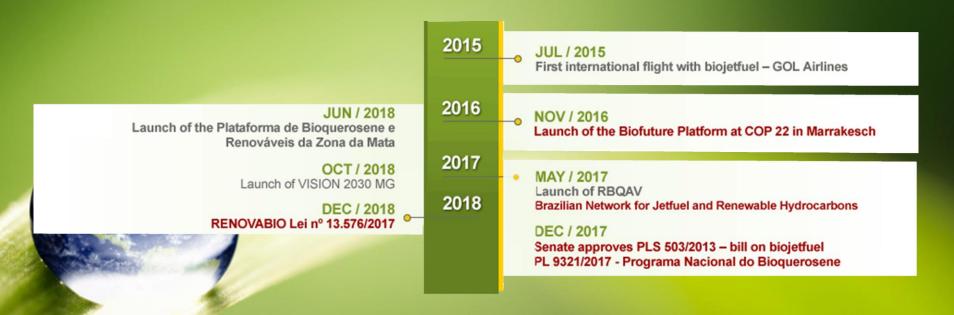








Timeline Brazilian Biojetfuel Program







Brief history of biofuels policies in Brazil

- ProÁlcool Programme (1975)
- Biodiesel Programme (2004)
- Focus on mandates; road transport
- Sustainability: territorial planning and agroecological zoning

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RenovaBio: a new concept



Dec, 2017

Law n° 13,576 (December, 26, 2017)

Mar, 2018

Presidential Decree n° 9,308 (Mar, 15, 2018) and Ministerial Ordinance MME n° 103 (Mar, 22, 2018)

May, 2018

Public Consultation no 46 (May, 04 to 20, 2018) about Targets for Reducing Carbon Intensity of Fuel Use in Brazil

Jun, 2018

Set of Fuel Decarbonizing Targets for Brazil by CNPE Resolution CNPE n°5, 2018 Target of -10% in 10 years from 74.25 g CO₂/MJ 2017 to 66.75 g CO₂/MJ in 2028

Regulations, certification, establishing Market of Certificates (CBIO) and model's development and improvements

Dec. 2019

Enforcement of Fuel Decarbonizing Targets







Market

Creating Emissions' Reduction Target for Fuel Market



Potential Demand for Biofuels

Certification of Biofuels' **Production**

Efficient Production



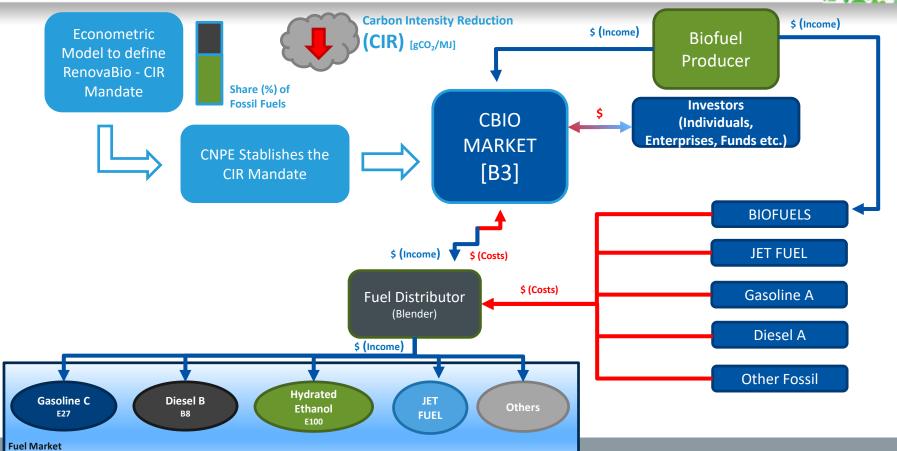




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Brazilian Network on Biokerosene and Renewable Fuels for Aviation



Partnerships to promote RD&I

Support the creation of public policies for the production of biokerosene and renewable hydrocarbons for aviation





Action Plan for GHG Emissions Reduction in Brazilian Civil Aviation



Action Plan First Edition Base Year 2013









Ministerial
Ordinance nº
378/2019





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Working Group Members

Federal Government











Aviation Industry





Airlines









Airports









SAF















Workshop Held in Brasilia, February 19-21, 2019

Panel 3. SAF





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THANK YOU