

# THE EU-MERCOSUR AGREEMENT

## A UNIQUE OPPORTUNITY TO FOSTER TRADE AND SUSTAINABLE DEVELOPMENT

### FACTSHEET 4. RENEWABLE ENERGY: BRAZILIAN SOLUTIONS TOWARDS CARBON NEUTRALITY

**Renewable energy is in the core of Brazil efforts when it comes to promoting sustainable development. In 2020, renewable sources represented 48% of the energy matrix in Brazil.**

The production and consumption of energy is fundamentally important to allow a mix of different sources of energy, to promote competitiveness and investments, and to assure energy security, as foreseen in the Sustainable Development Goal (SDG) 7.



#### Renewable sources in the Brazilian energy matrix

The share of renewables at the electric matrix represented 84.8%, with wind, solar and biomass powers expanding every year. Sugarcane products accounted for 19% of the renewable matrix.

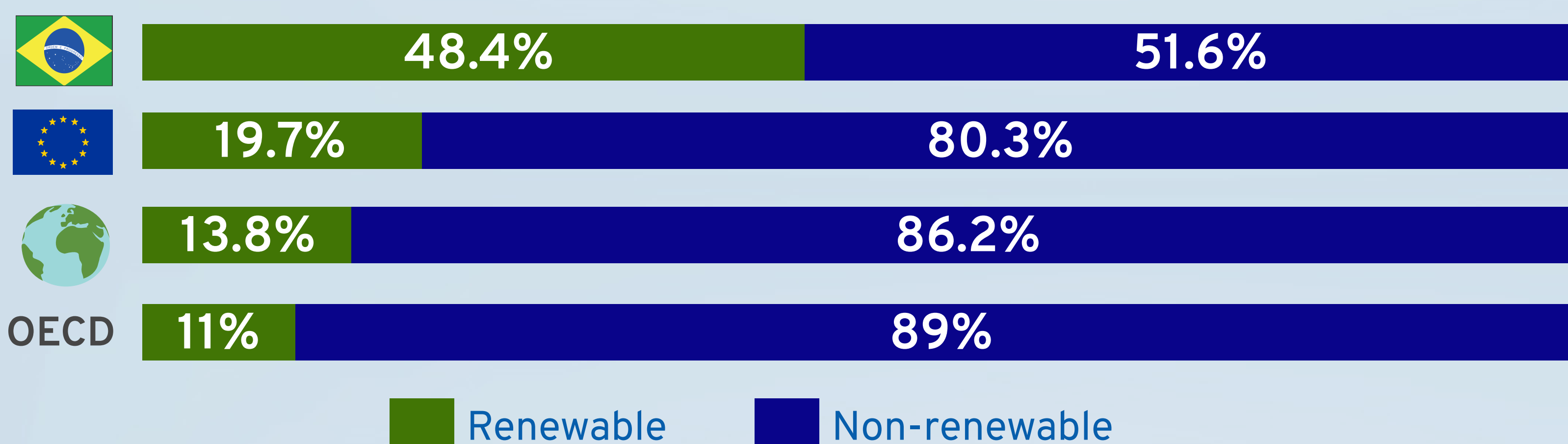


#### The use of fossil fuel and ethanol

The GHG balance of the Brazilian sugarcane ethanol is up to 90% lower compared to fossil fuel. The use of ethanol has prevented the emission of 552 million tons of CO<sub>2</sub>eq into the atmosphere until March of 2021.

### Brazil's and the world's renewable sources share in the energy matrix

Renewable sources on the energy matrix in Brazil, the EU and the World



Source: International Energy Agency, Eurostat (2020) and EPE (2021).





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## Public policies on renewable energy

Brazil has a strong agenda to promote renewable energy. The **RenovaBio Policy** aims to increase the share of renewable fuels in Brazil's energy matrix to reduce its carbon footprint.



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## Public policies on biodiesel

The **National Biodiesel Production and Use Program** includes the production from family farming, assuring quality and supply, and the production of biodiesel from different raw materials.



## What is the importance of the RenovaBio Policy?

Around 65% of Brazilian mills have already been certified by the RenovaBio Program and can generate carbon credits. These mills represent around 85% of Brazilian ethanol production.

The Policy can be compared to the European Renewable Energy regulation and sustainability criteria.



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