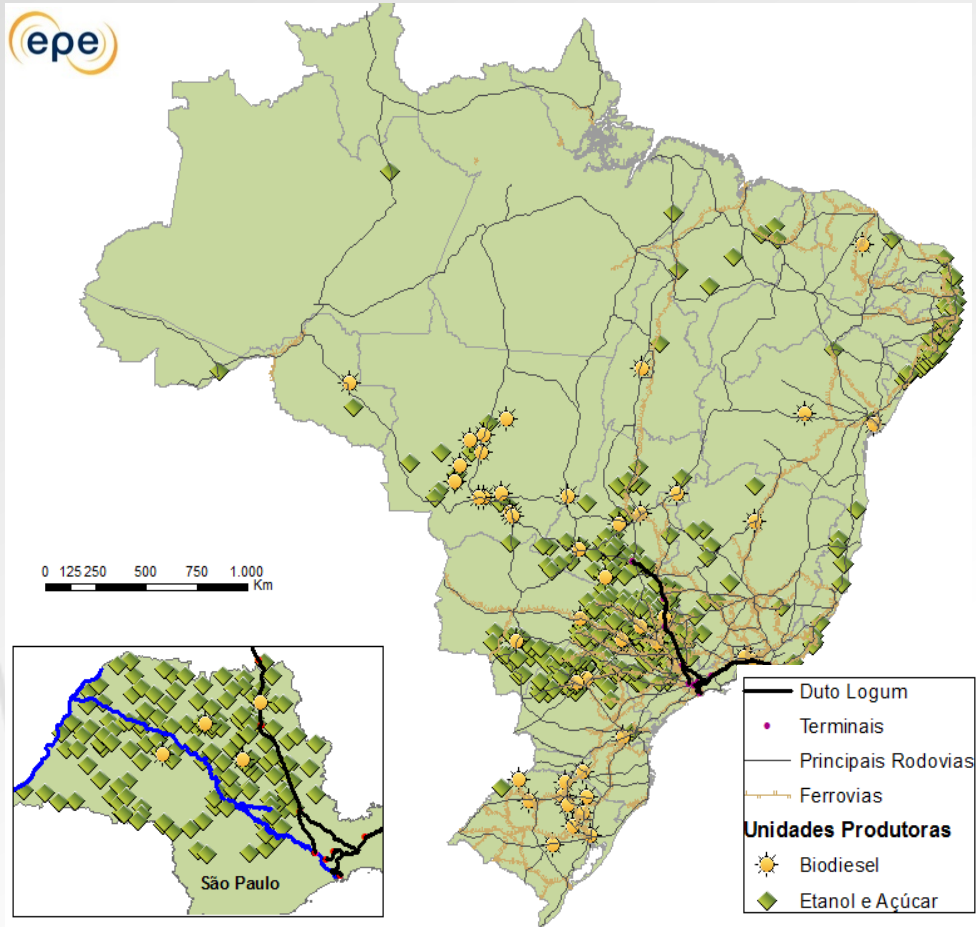


PDE2032 Investments in Biofuels



*Investments in biofuels distribution and sale are not considered.
Operating and maintenance costs are not considered.

Source: EPE, 2022



Sugarcane Ethanol (1G)

Projects: **7 new units and 24 Mt in expansion**
Investments: **US\$ 2.1 billion**



Corn Ethanol

Project: **33 new units**
(Total production capacity 5.5 billion liters)
Investments: **US\$ 2.1 billion**



Biodiesel

Projects: **11 units with 3.6 million m³/year of capacity**
4 soybean processing units, 5.8 Mt/year of total capacity
Investments: **US\$ 0.8 billion**



SAF/HVO

Projects: **One plant of 0.5 billion liter/year**
Investments: **US\$ 0.4 billion**

2G Second Generation Ethanol

Projects: **8 new units**
(average capacity: 82 million liters/year)
Investments: **US\$ 1.4 billion**



Ethanol Transportation

Projects: **Capacity of 9 billion liters/year**
Investments: **US\$ 0.8 billion**



Sugarcane Field Formation

Sugarcane Field Renewal: **660 Mtc for 2023–2032 period**
Investments: **US\$ 3.6 billion**



Biogas

Projects: **There is a potential for biogas production from sugarcane residues in 2032 of 12 billion Nm³**
Investments: **Potential of US\$ 12 billion between 2023 and 2032**



Estimated investments for the biofuels sector in Brazil: 2023-2032

US\$12.2billion

US\$24billion (with biogas potential)