

PRESS RELEASE

08 December 2025

BioTheRoS Project Report Maps Global Policy Frameworks Driving Demand for Sustainable Biofuels

In the framework of the BioTheRoS project, a study has been conducted that provides a detailed overview of how global and regional policy frameworks are shaping the emerging market for sustainable biofuels, with a strong focus on aviation and maritime transport. The report, *“Mapping of Global Policy Framework Creating Sustainable Biofuels Demand,”* analyses current legislation, regulatory targets and market mechanisms that influence the uptake of advanced renewable fuels.

The document reviews policy developments across the European Union as well as major international markets such as the United States, Canada, Brazil, and India, as well as international initiatives like CORSIA. It outlines how climate and energy strategies, blending mandates, carbon-reduction schemes and renewable-fuel incentives are increasingly defining the direction of sustainable fuel deployment worldwide.

In Europe, ambitious climate-neutrality objectives and initiatives such as ReFuelEU Aviation and FuelEU Maritime, are setting clear expectations for the role of advanced biofuels in transport decarbonisation. These measures strengthen the demand outlook for sustainable aviation fuels (SAF) and renewable maritime fuels, supported by evolving requirements under RED II and RED III. The report not only outlines these policy developments, but also gives insights into some of the practical financial implications for biofuel producers.

The report highlights that several non-EU markets are also moving to establish or expand low-carbon fuel regulations. National biofuel policies in North America, South America and parts of Asia are contributing to growing global demand, although approaches and sustainability criteria vary significantly from one region to another.

The report also gives information on operational and planned liquid transport biofuels production initiatives, with a focus on fuels for the aviation and maritime sector.

Findings from this report will feed into the broader BioTheRoS framework, linking policy environments with biomass availability and conversion-technology development and assessments to help guide future strategic decisions for producing sustainable aviation and maritime fuels at scale.

Full report is available through this link:

<https://www.biotheros.eu/deliverables/6.1.pdf>



All project reports

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BioTheRoS has received funding from the European Union’s Horizon Europe research and innovation programme under grant agreement no. 101122212