

BIOFUELS IN THE EU

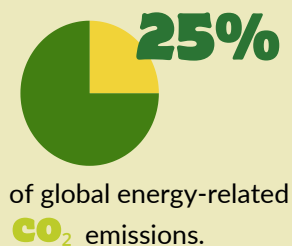
DECARBONISING TRANSPORT REMAINS A MAJOR CHALLENGE REQUIRING ALL AVAILABLE SOLUTIONS

DID YOU KNOW?

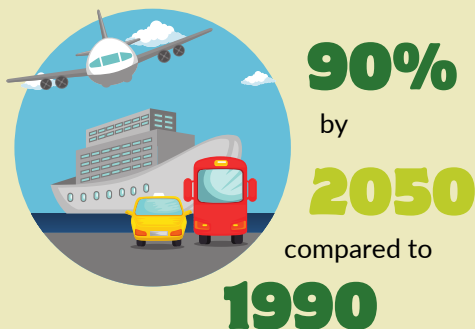


Dagmar DOLEJSI,
Project Officer, ELO

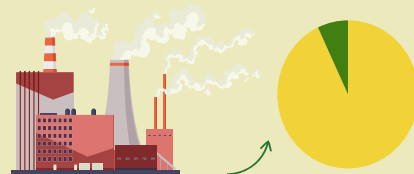
The transport sector accounts for about



The **EU** aims to cut transport emissions by



Yet as of **2021**, **93%** of road and rail transport energy still came from **fossil fuels**¹



EU-PRODUCED BIOFUELS BRING A RANGE OF BENEFITS

Lowering emissions

Strengthening energy independence



Supporting European farmers

with an alternative source of income.

Biodiesel use emits between **65%** to **90%**



with every **Kg** of use reducing emissions by approximately **3 Kg**³

Biodiesel is an essential tool in the EU's strategy to cut total CO₂ emissions by

55 % by **2030**



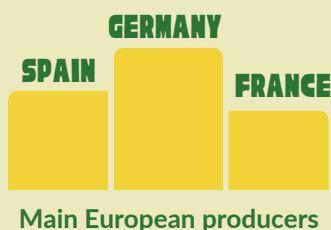
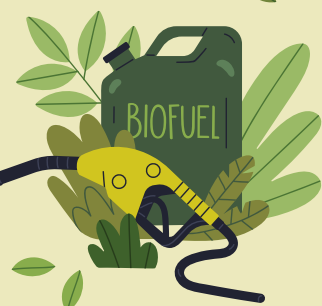
and achieve **carbon neutrality in transport by 2050**



BIOFUEL PRODUCTION IN THE EU

According to Eurostat data, the total production capacity of pure biodiesels in the **EU**

In 2023 was approximately **21.5 million tons per year**⁴



WHAT'S NEXT FOR BIOFUELS

Biofuels are key to the **EU** clean energy transition, supporting climate goals, energy security, and rural economies.

However, as highlighted by the European Court of Auditors in Special Report 29/2023, the lack of a long-term strategy and policy certainty undermines investment and slows progress.

A stable, performance-based framework is needed to ensure sustainability and drive innovation



Reference: [1] T&E: State of European Transport 2024; [2] JEC Well-To-Wheels Report v5, JRC, 2020; [3] Economic and Social Aspects of Applying Biodiesel Fuel in Road Transport, M. Skočibušić et al., 2010; [4] Eurostat DOI: https://doi.org/10.2908/NRG_INF_LBPC. More on ELO website.