

RENEWABLE ENERGY IN TRANSPORT BAROMETER

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Despite the 2020 economic and sanitary crisis, the consumption of liquid or gaseous biofuels in Europe drop by only 1.5% for a total volume of 15.8 Mtoe used. Road transport remains very largely the main user sector (nearly 98%), ahead of rail transport and other modes. Thanks to the increase in their incorporation rate, several European Member States have succeeded in meeting their commitment to reach the threshold of 10% renewable energy in transport by the end of 2020.

Last year also experienced a sharp increase in the European fleet of battery-electric or plug-in hybrid vehicles, as their sales almost tripled compared to 2019 (more than 1 million units sold). However, due to the sharp slowdown in activity because of the Covid pandemic, the consumption of renewable electricity in transport decreased by 2.3% in 2020. This decline is mainly due to the rail sector.



21.6 TWh

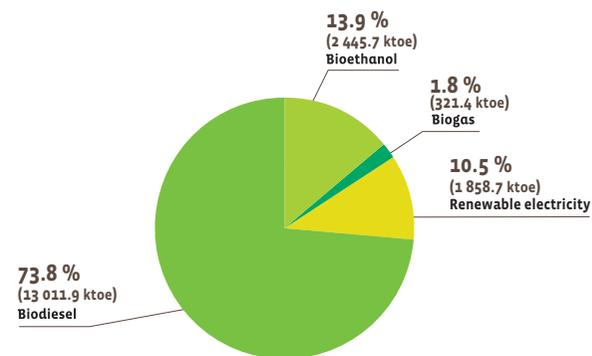
(eq 1.9 Mtoe)

Renewable electricity used in transport (road, rail, other transport modes) in the EU27 in 2020

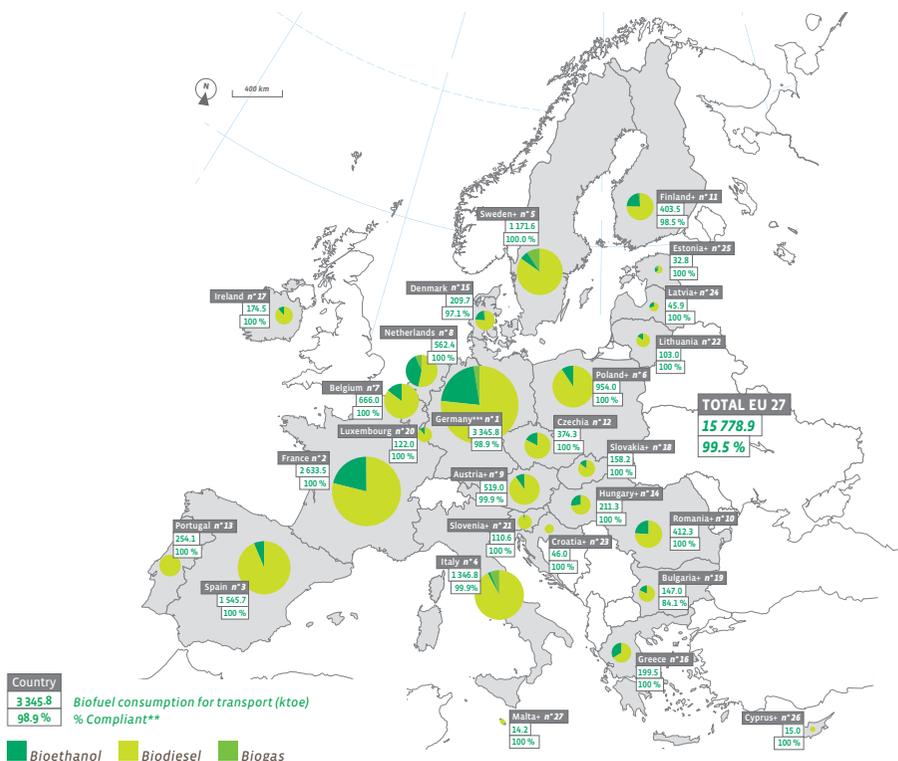
Breakdown of renewable energy used in transport (all types) of the countries of the European Union to 27 (in ktoe and %) in 2020

15.8 Mtoe

Total biofuel consumption in EU27 transport in 2020



* Estimation. Source: EurObserv'ER 2021.



* Estimation ** Share of compliant biofuels (Articles 17 and 18 of Directive 2009/28/EC)

*** German biodiesel consumption figures include a consumption of pure vegetable oil estimated to 0.9 ktoe. Note: Biofuel consumption data for countries marked by a "*" were not available during the survey, EurObserv'ER made estimates taking into consideration the Eurostat "Energy Balance - early estimates" published in June 2021. Source: EurObserv'ER 2021.

FURTHER INFORMATION

ANNUAL REPORT: "The State of renewable energies in Europe", 19th edition, www.eurobserv-er.org/19th-annual-overview-barometer

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