

RENEWABLE ENERGY IN TRANSPORT BAROMETER

In 2021, the gradual lifting of confinement restrictions has led to an increase in energy consumption in transport as well as in the share of biofuels and renewable electricity. Preliminary estimates suggest that biofuel consumption in the EU-27 increased by around 4.3% between 2020 and 2021, to over 17 Mtoe. Since January 2021, the Renewable Energy Directive (RED II) provides a new legal framework for the consumption of renewable energy in transport and proposes a new calculation method to measure the share

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coming from renewable electricity. Based on this new approach, it is estimated that nearly 1.9 Mtoe of renewable electricity was used in transport in 2021. The past year has also seen an increase in sales of plug-in electric passenger vehicles (1.7 million) compared to 1 million in 2020. The market share of these vehicles in total passenger vehicle sales increased to 18% in 2021 (9.1% for 100% electric and 8.9% for plug-in hybrids) compared to only 10.5% in 2020.

Renewable energies used in transport (road, rail, other transport modes) in 2021* (in ktOE)

