

Nouvelle étude: de la matière première à la mobilité sans énergie fossile : le potentiel de l'Europe pour un marché des carburants renouvelables

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L'Institut de technologie de Karlsruhe, le Centre allemand de recherche sur la biomasse (DBFZ), FREYBERGER engineering GmbH et BMW Group présentent une étude sur ce sujet.



From the management summary of the study: "The transformation of the entire transport sector towards fossil-free energy sources is a challenge that cannot be met by the electrification of drive systems alone.

It is therefore essential to realise the CO₂ reduction potential of all energy sources

In addition to hydrogen, for example, the focus here is primarily on liquid fuels that can be integrated into the supply infrastructure without technical modifications.

Renewable fuels - so-called Carbon Neutral Fuels, CNF for short - is a collective term that includes all fuels that have a lower CO₂ value compared to fossil fuels. This study analyses the substitution potential of advanced, renewable fuels from biological feedstocks compared to fossil fuels in all sectors of the EU.

Based on current scientific literature and various scenarios, this study analyses the availability of advanced feedstocks, the conversion to renewable fuels and the development of fuel demand in road transport in the European Union for the target years 2030, 2035 and 2040."