



PRESS RELEASE

'Tour d'Europe' road trip proves significant GHG reductions from use of renewable fuels

Cars and trucks running on renewable liquid fuels travelled 77,500 kilometres in 16 countries, using 100% renewable fuels for 84% of the total journey, enabling GHG savings of 67% for the total kilometres travelled. This real-life project demonstrates the valuable, immediate contribution of renewable fuels to transport decarbonisation and their potential for doing even more with supportive EU policies in place

BRUSSELS, 23 June 2025 – A pan-European road trip featuring cars and trucks powered by renewable fuels logged 77,500 kilometres across 16 countries in a real-world demonstration that these fuels deliver significant greenhouse-gas (GHG) reductions and should be a part of the EU drive to decarbonise transport.

The three-month project crossed the finishing line in Brussels today with two days of events in the European Parliament and the Autoworld museum, where policymakers and stakeholders from the EU automotive value chain and renewable fuels sectors are meeting to discuss the best way forward for decarbonising road transport.

The GHG savings from the Tour d'Europe were certified using a software tool, a 'digital fuel twin' (DFT), that verified the use of renewable fuels and the resulting reductions in CO₂ emissions.

The collected data were then analysed by the Technical University of Darmstadt and the Karlsruhe Institute of Technology and summarized into a report, which concludes that renewable fuels have a *"simple and genuinely feasible CO₂ savings potential as of today, with actual and verifiable CO₂ reduction of up to 77% on a well-to-wheel basis"*. The report furthermore makes it clear that the EU approach should be technologically open and better leverage renewable fuels, which are already available across Europe and fully compatible with today's vehicle technology and fuelling infrastructure.

The vehicles – 11 cars and 5 trucks – travelled 77,500 km along five different routes throughout Europe. They refuelled 289 times with a variety of renewable fuels: HVO and B100 to power diesel engines, E85 and renewable gasoline to power petrol and hybrid engines, BioLNG for trucks running on gaseous fuels, and different blends when no 100% renewable fuel specification was available.

The report clearly shows that renewable fuels offer an immediate, flexible, and technology-open pathway to decarbonising road transport—complementing solutions like electrification and hydrogen.

The Tour d'Europe partners are united in their conviction: renewable fuels are critical to achieving climate goals. They are already cutting greenhouse gas emissions in existing vehicles, and they will continue to play a vital role in powering new vehicles on the road to a sustainable future.

ABOUT THE TOUR D'EUROPE: The Tour d'Europe project brings together 26 companies, associations and institutions from across the automotive and fuels value chain, including: AVIA, BMW, Bosch, Collective du Bioéthanol, DAF Trucks, Daimler Truck AG, EBB, Enilive, EWABA, ePURE, Ford Trucks / TJA, FuelsEurope, Honda, Hyundai, Iveco, IRU, Moeve, Neste, PRIO, Repsol, Shell, Toyota, Transportes Aguieira, University Darmstadt, University Karlsruhe, VDA.

For more information about Tour d'Europe events and the benefits of renewable fuels, visit www.tourdeurope.eu

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