

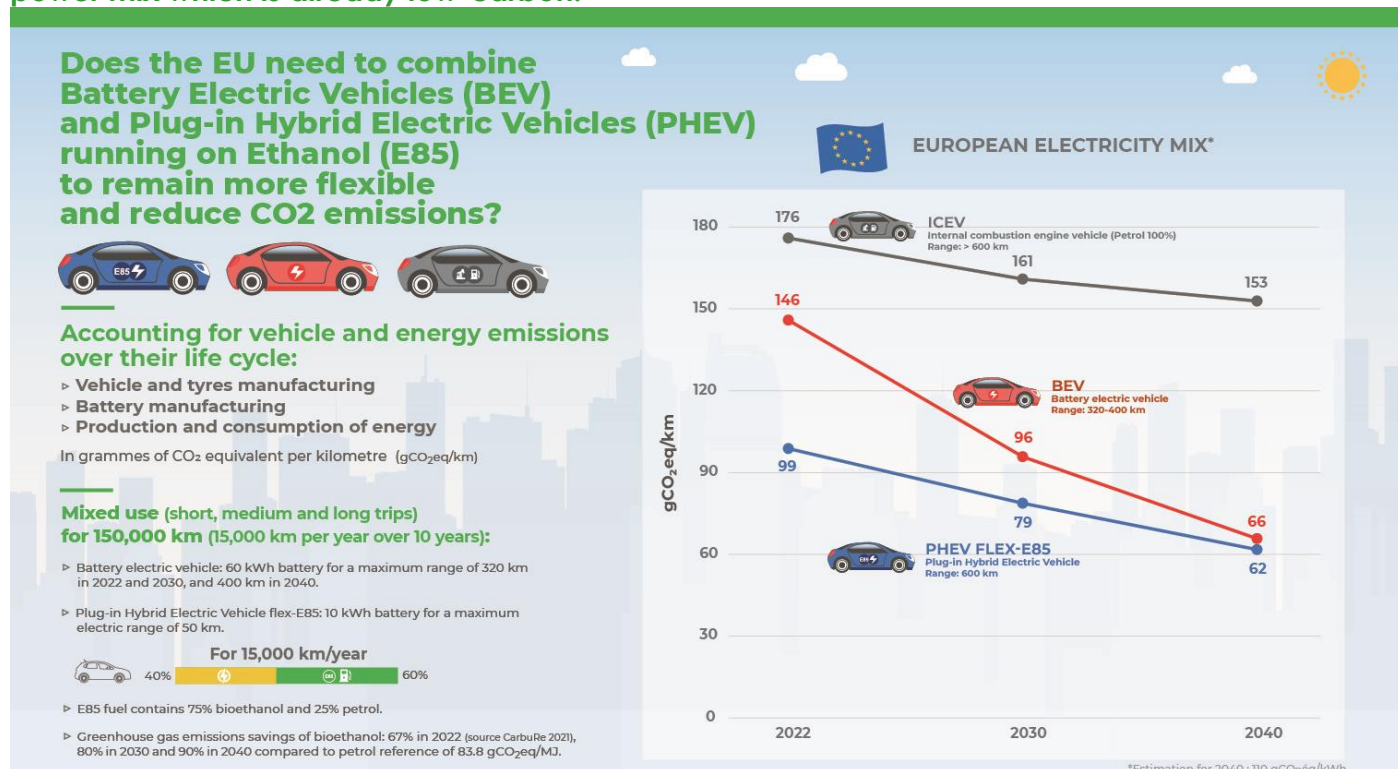
**European regulation on CO₂ emissions for new light vehicles
Vote at the European Parliament on 8 June 2022**

Plug-in hybrid vehicles using Superethanol-E85 are as climate-friendly as all-electric in terms of total GHG emissions, according to a new IFPEN survey.

The European Parliament will be voting on 8 June to determine its position with respect to the regulation on CO₂ emissions for new light vehicles by 2035. Discussions for the European Green Deal involve the aim of achieving net zero emissions of greenhouse gases for the automotive industry by 2050. While debates are especially focussing on how to measure the impact of vehicles on the climate (*measuring only the CO₂ from exhaust pipes, without taking into account emissions when producing the electricity used and the battery as opposed to measuring GHG emissions in a full life cycle analysis*), [a new IFPEN survey](#) has revealed that plug-in flex-fuel hybrid vehicles compatible with E85 are just as climate-friendly as electric vehicles.

For the Bioethanol Collective: "The findings of this survey confirm the pertinence of giving automotive manufacturers the possibility of using dual technology that's just as effective to accelerate the reduction of emissions by transport in the short and mid-term."

Plug-in hybrids using Superethanol-E85 are as climate-friendly as electric vehicles, as observed in 2022, which fact remains valid for 2030 and 2040 and beyond, even with the French electric power mix which is already low-carbon.



In a new report that the Bioethanol Collective has published today, **IFPEN measured and compared GHG emissions** of vehicles powered solely by petrol, plug-in flex-fuel hybrids compatible with E85 and all-electric cars, **on the basis of a full life cycle analysis.**

This method factors in all GHG emissions in connection with the vehicle and its battery (from manufacture to recycling) **as well as the energy used** (production, refinery, transport, distribution and combustion). It is applied to French and European electric power mixes.

This comparison, applying to 2022 with projections for 2030 and 2040, shows that plug-in flex-fuel hybrids compatible with E85 operating 40% of the time as an electric vehicle are at least as climate-friendly as electric vehicles, with the French electric power mix which is already low-carbon, and even more with the average European mix, which has a higher carbon footprint.

[Click here to read the IFPEN report](#)

French bioethanol stakeholders are thus asking MEPs and European bodies to respect the principle of technological neutrality and grant automotive manufacturers flexibility in how they achieve carbon neutrality with a range of effective technologies including very low-carbon liquid fuel, such as Superethanol-E85 used in plug-in hybrids. This would meet the needs of motorists with the solutions best suited for each type of use, while maintaining convenience and cost.

About the Bioethanol Collective

The Bioethanol Collective is represented by the French Inter-branch Beet and Sugar Association (AIBS) and the French Agricultural Alcohol Producers Association (SNPAA). It aims to raise awareness of the bioethanol industry among professionals and the general public. Up to 7.5% bioethanol (pure or as a derivative, with 5% pure ethanol maximum) is currently incorporated in Unleaded 95 and Unleaded 98 petrol sold in France, while up to 10% is incorporated in Unleaded 95-E10 and up to 85% in Superethanol-E85. For more information: <https://www.bioethanolfuel.com/> (in French only)

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