

eFuels

*a strong alliance
for climate-neutral
liquid fuels*



eFuels are the global solution to a global challenge

*because they will allow vehicles and heating systems around the world
to be used in a climate-neutral manner – today and in the future.*

The fight against climate change is a global challenge and therefore requires **global solutions**. The eFuel Alliance clearly supports the agreed EU climate protection targets 2050 and wants to actively shape the transition to **sustainable, modern and competitive national economies in the EU**. In order to achieve the ambitious climate goals and successfully advance the energy transition, **technological innovation** is needed. This can only be guaranteed by a **genuine openness to technology**. It must be possible to use these technological solutions throughout the EU, but also in regions beyond Europe, regardless of their economic and purchasing power, topographical conditions or technical requirements. **Synthetic liquid fuels, called eFuels, are just such a solution**. They are a climate-neutral alternative to conventional fuels and are therefore excellently suited to decisively and affordably reduce CO₂ emissions in transport and the heating sector – right up to climate neutrality.

Climate change can only be mitigated if all economic sectors contribute to reducing emissions. The example of the transport sector shows the climate-neutral potential of eFuels: More **than 1.3 billion vehicles with internal combustion engines** are on

the roads worldwide. In addition, there are around 22,000 aircraft and 50,000 ships, for which there is no sensible technical alternative in sight as a means of propulsion. These existing fleets will continue to form the basis for mobility in the coming decades. These fleets and therefore traffic will continue to increase worldwide. In order to address this reality in a sustainable manner the solution for climate protection is thus to use carbon-neutral fuels. Similar to the electricity transition, production must be climate-neutral, while the end application remains the same. It is important to apply climate neutrality across the existing fleet. eFuels are a solution for all vehicles and means of transport, both now and in the future. **eFuels are actually sustainable in two ways**: Firstly, they are produced from renewable electricity and release only as much CO₂ as was previously captured for the production of eFuels. Secondly, they can be used as liquid fuels **in existing vehicles and infrastructures**, including the global filling station network. The production of eFuels is also necessary in order to produce products from the chemical industry in a climate-neutral manner.



Environmentally and climate-friendly

Made from renewable energies
and atmospheric CO₂.



Quick and versatile to use

Replace conventional liquid
fuels.



User-friendly and convenient

Can be used in all vehicles and
heaters for liquid energy carriers.



Strengthen international cooperation

Make it possible to exploit the huge
international potential of renewable
energies worldwide.

Our political demands

1 Openness to technology in climate policy.

As the eFuel Alliance, we are convinced that the most economically efficient and reliable approach is one that is open to all technologies, and therefore promotes the use of synthetic liquid fuels. In this way sustainability, innovation, competition and acceptance can all be reconciled.

2 Holistic development of an economy for hydrogen-derived products in Europe.

Through the production and use of hydrogen-based products such as eFuels, Europe can be at the forefront of global technology and thus also ensure the competitiveness of Europe as an industrial centre. This requires a regulatory framework and appropriate market conditions. It is the task of the European Union to guarantee a holistic approach to setting up the necessary production requirements and regulatory standards, including for eFuels.

3 Reduction in energy tax.

The positive contribution that eFuels make to climate protection must be taken into account in energy tax policy. If energy tax is levied on an environmentally relevant tax base, this will promote the use of eFuels instead of conventional fuels. This will make it possible to achieve a market ramp-up for synthetic fuels.

4 Recognition of eFuels in the EU fleet targets.

Crediting the CO₂-reduction contribution of eFuels within the framework of EU fleet targets for passenger cars, light and heavy-duty vehicles is a decisive lever for achieving the climate targets in road transport. It is therefore essential that the greenhouse gas savings achieved by eFuels are taken into account in the EU CO₂ fleet targets in order to create another possible option for achieving the transport sector's climate targets.

5 Strengthening international cooperation to set up global production.

With the help of eFuels, globally generated electricity from renewable energies can be used worldwide for the first time. This is because eFuels are easy to store and transport and thus offer the possibility of globally producing and importing renewable energies in the form of liquid energy carriers. This makes a decisive contribution to implementing the global energy transition and building a climate-friendly energy system, even in structurally weaker areas.

6 Promoting the industrial production of eFuels.

eFuel production on an industrial scale should be achieved as quickly as possible by supporting pilot projects. A market ramp-up can also be supported in the short term by means of tendering procedures for investment hedging and volume commitments.

Become a member, support eFuels!

The eFuel Alliance is an interest group that advocates for a positive policy framework for the production and use of eFuels from renewable energies. It is open to individual companies, associations and individuals, including from the petroleum trade and the petroleum industry, the automotive and automotive supplier industry, the heating equipment industry, mechanical and plant construction,

research and science, logistics and transport, the aviation and maritime industry, the chemical industry, energy production and generation and, of course, the respective employee and employer representatives from these areas.



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Use your knowledge and experience to contribute to progress.

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