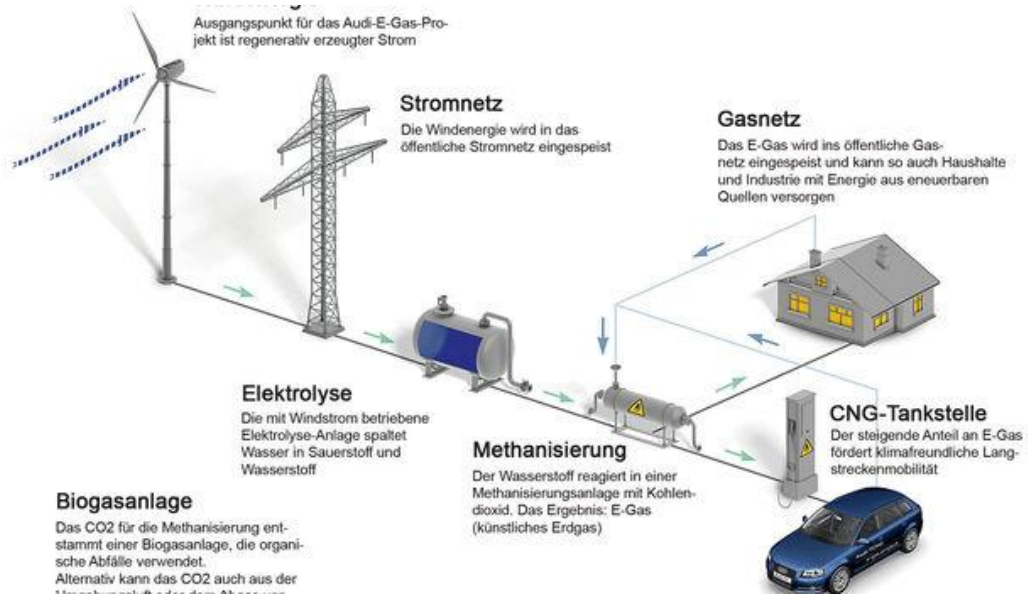
What is e-fuel?

Many people believe that e-fuel is a kind of hydrogen fuel, which is wrong. E-Fuel is actually a derivative from hydrogen. The project of “creating” e-fuel starts with the splitting of water into hydrogen and oxygen gases. The next step is to catch carbon dioxides from the air to form a kind of synthesized methanol. Many high power cars, for example sports cars, do need high quality of fuel today, which usually has around 2% ethanol or bio-ethanol! The one problem is, that e-fuel dosen’t have to be “e”! It is only environmentally friendly if the energy is produced by renewable electricity! A really big player in e-fuel are Porsche and Toyota. Michael Steiner, a board member of Porsche, is excided for e-fuel. In his opinion it could work as a alternative and a better option to the classical hydrogen cars.



https://www.auto-motor-und-sport.de/technik/e-fuel-kraftstoff-zukunft/

What are the benefits of e-fuel?

Porsche is stating, that their e-fuel cars will reduce the CO2 production and emissions by 85% (compared to their high end sports cars!), which would be great. Gas stations could deliver e-fuel without any additions to do, which would save money and jobs. The first e-fuel cars from Porsche will be launching in mid 2022 or early 2023.

What will e-fuel cost?

Rightnow, there are only 130’000 liters of e-fuel in the Porsche warehouses. They cost 10$ per liter at the time. Porsche is planning to reduce the cost to 2$ per liter in the time of 2026-2027.