



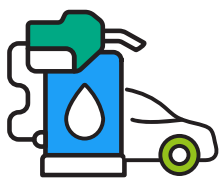
A question of perspective:

INFOGRAPHIC

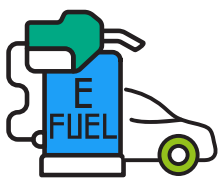
Climate-neutral drive technologies

TANK-TO-WHEEL

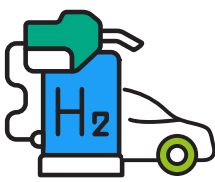
INTERNAL COMBUSTION ENGINE



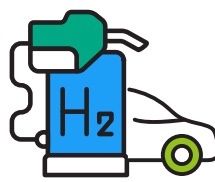
E-FUEL INTERNAL COMBUSTION E.



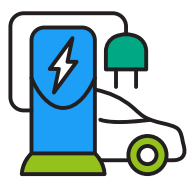
H₂ COMBUSTION E.



FUEL CELL VEHICLE H₂



BATTERY ELECTRIC VEHICLE



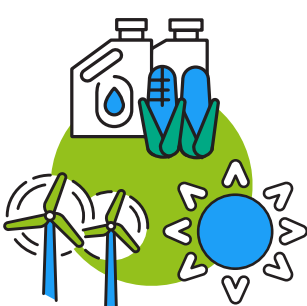
TOO SHORT-SIGHTED?

If you only consider tank-to-wheel, i.e. from energy intake to conversion into kinetic energy, only electric drives and the fuel cell technology are emission-free. This is because the hydrogen combustion engine also generates nitrogen oxides as a waste product besides water.

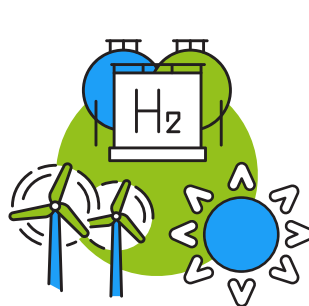
WELL-TO-WHEEL



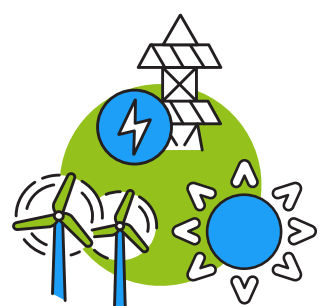
INTERNAL COMBUSTION ENGINE



E-FUEL INTERNAL COMBUSTION E.



H₂ COMBUSTION E.



FUEL CELL VEHICLE H₂



BATTERY ELECTRIC VEHICLE



THINKING AHEAD!

Considering the energy production (well-to-wheel) in the chain of effects, this technology is also CO₂-neutral. This is because the CO₂ required for the production of e-fuels comes from the atmosphere or is an industrial by-product. Always provided that renewable energies are used for the production of electricity.

