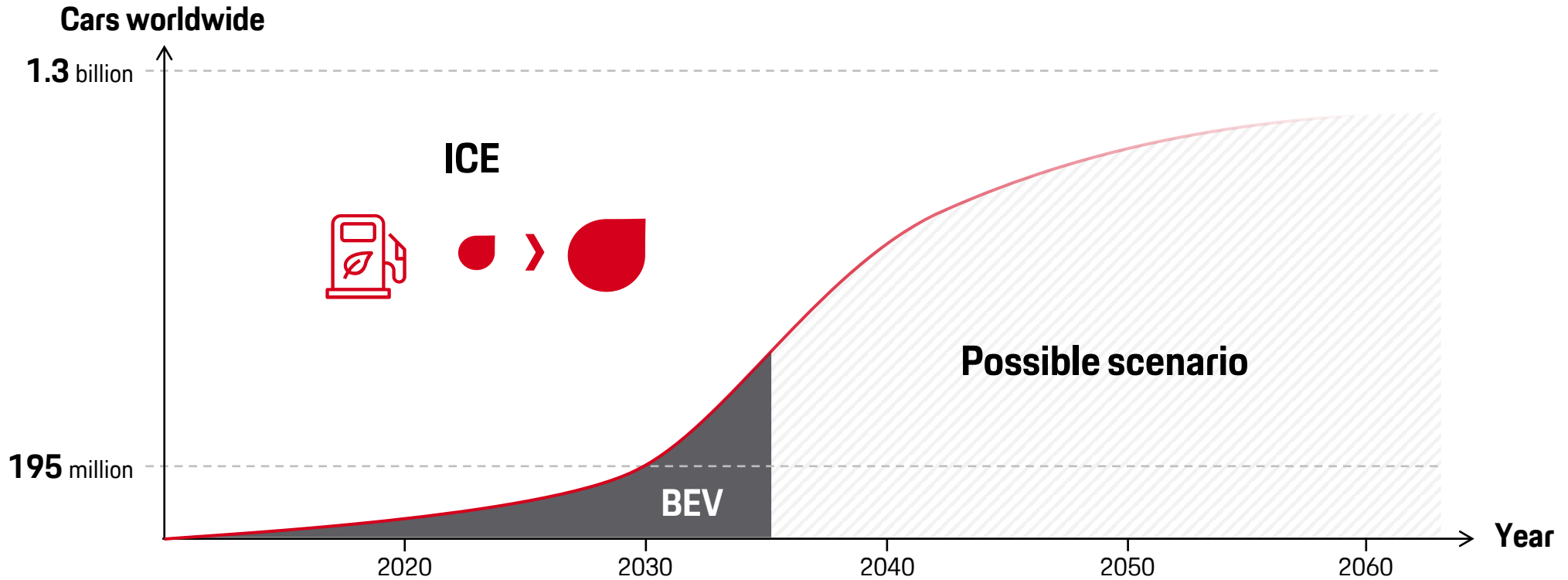


# E-mobility is the future – but we cannot wait until it is fully established



**PORSCHE**

# eFuels = green H<sub>2</sub> in an existing infrastructure

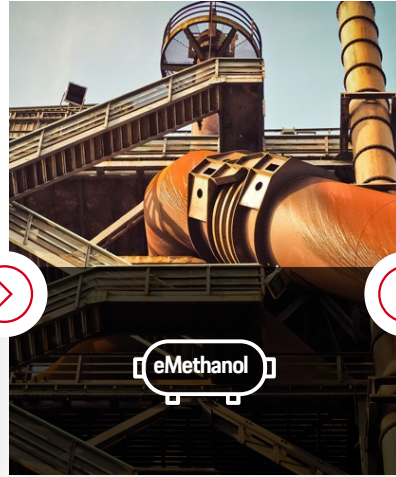
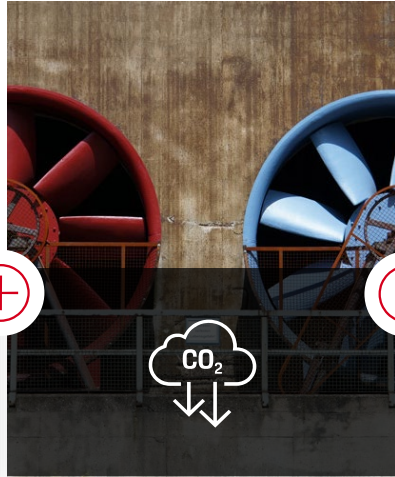
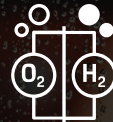
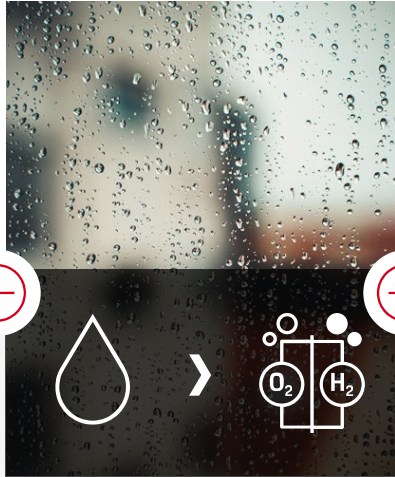
Renewable Energy >

Green H<sub>2</sub>

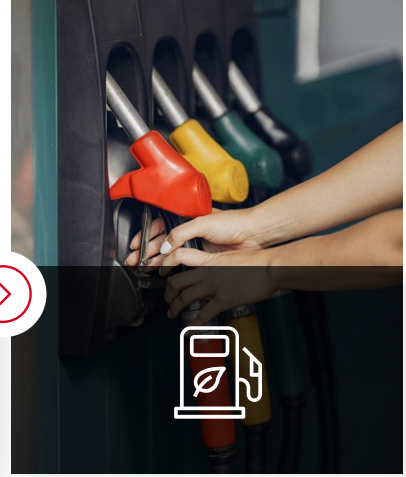
> CO<sub>2</sub> Capturing

> Synthesis

> Upgrade



eMethanol



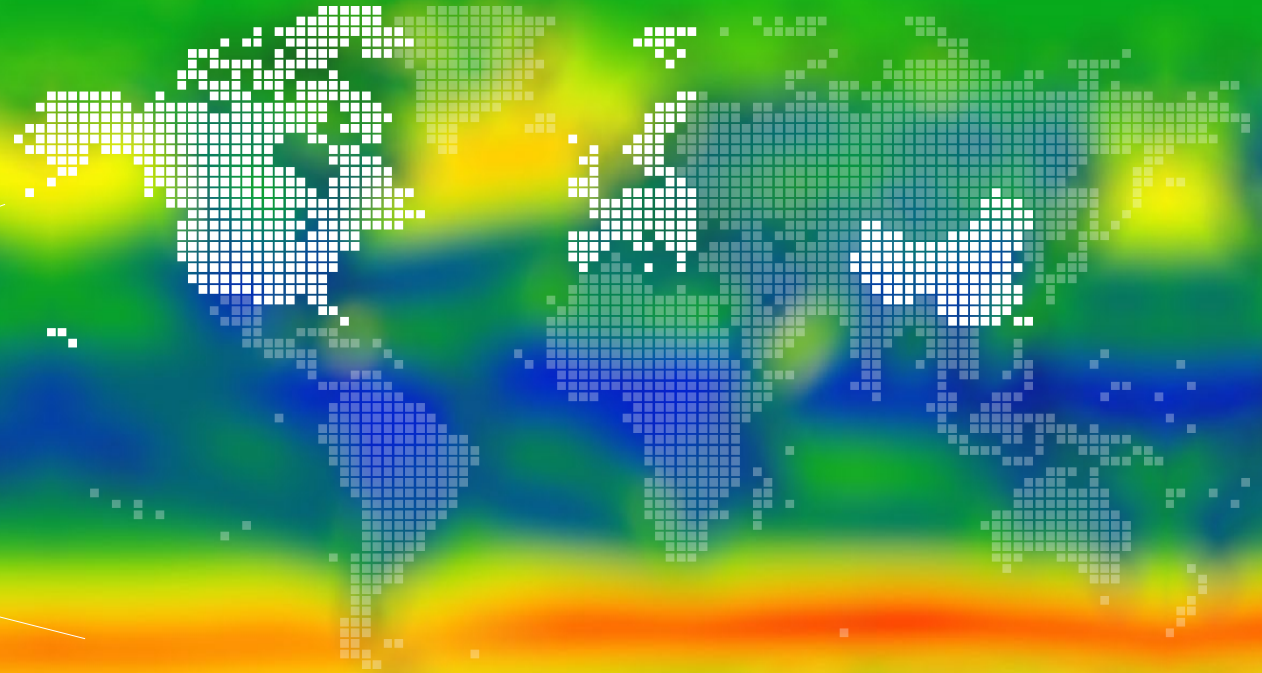
» Energy costs will be the decisive factor for establishing eFuels

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# Decarbonisation can only be solved in the global context

■ Countries with high energy demand

■ Preferred regions regarding the availability of renewable energy from wind



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# Crucial: The right spot



» Chile with lowest costs for renewable energy



~15 €/MWh

Offshore (North Sea)  
~ 34 €/MWh

Morocco  
~21 €/MWh

South Africa  
~28 €/MWh

Norway  
~ 40 €/MWh

Saudi Arabia  
~22 €/MWh

Australia  
~26 €/MWh



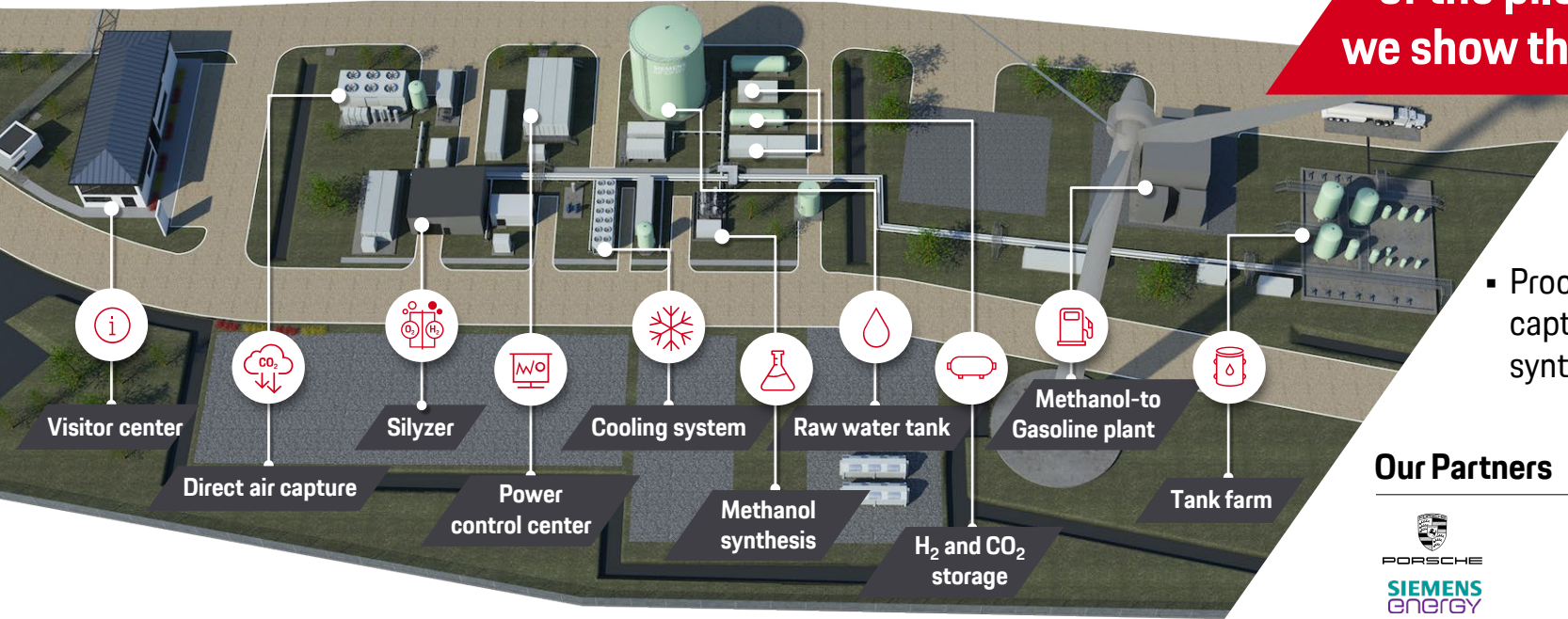
# A dream becomes reality

Pilot phase

2022

~ 130,000  
litres eFuel per year

**Construction  
of the pilot plant –  
we show that it works.**



- Technology path:  
From energy to eFuel.
- Process: Wind power, direct air capturing, electrolysis, methanol synthesis, upgrade to fuel.

## Our Partners



ExxonMobil



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# Porsche eFuels in motorsport starting in 2022

**Porsche Mobil 1 Supercup 2021:**  
Bio-based fuels 2<sup>nd</sup> generation

**Porsche Mobil 1 Supercup 2022:**  
Use of first eFuel



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