

aFuel®

Worlds First Carbon Negative
Energy Carrier

for
Wasserstoff trifft Wissenschaft
h2connect.eco Bodensee

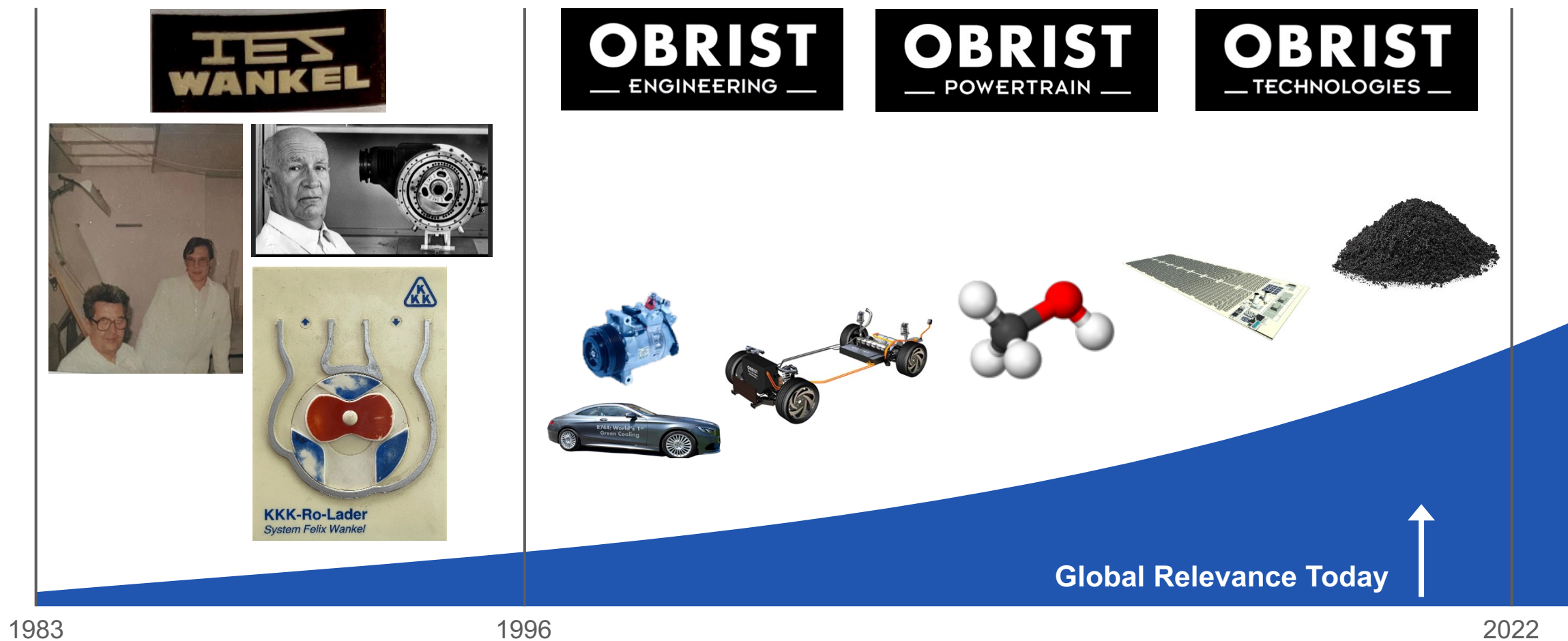
July 1st, 2022

OBRIST
— TECHNOLOGIES —





The Development of Obrist 39 Years of Technology for the World

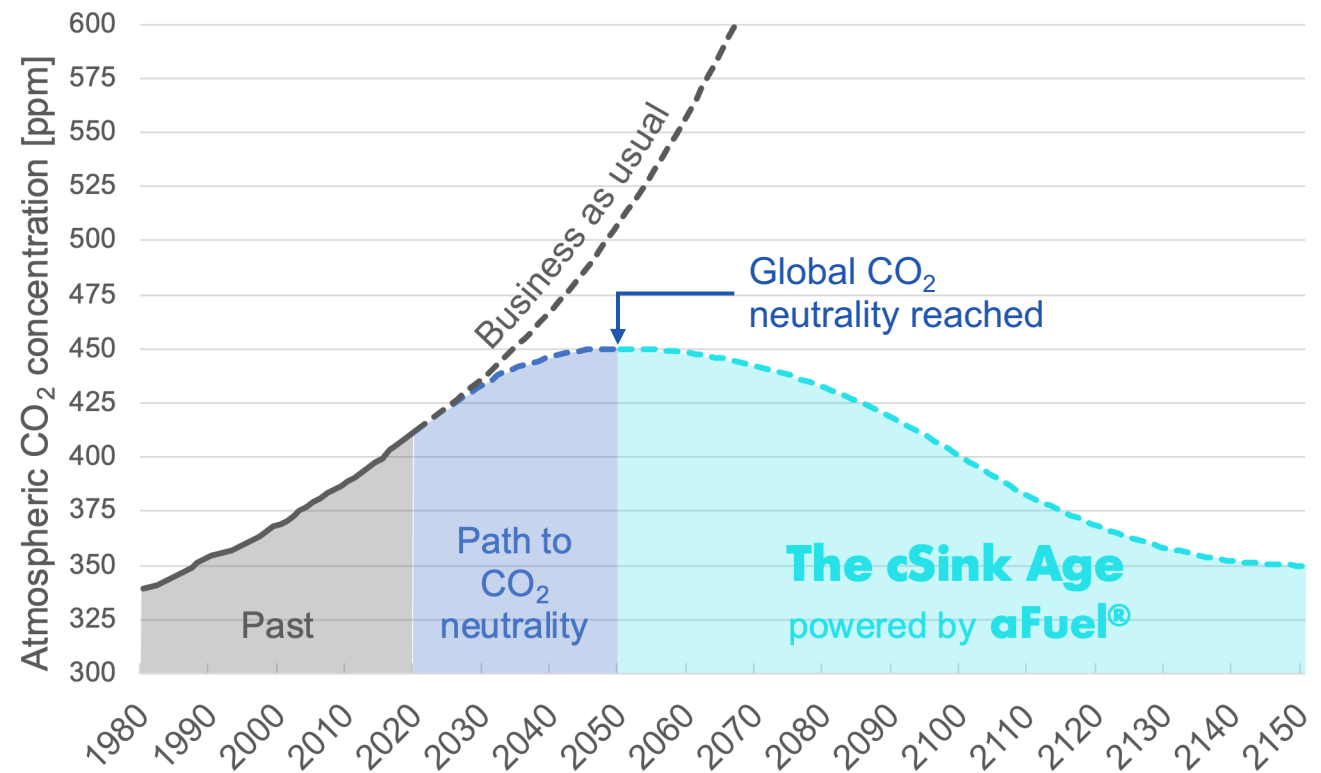




Atmospheric CO₂ Reduction The Path to Global CO₂ Negativity

- After reaching CO₂ neutrality, it is **mandatory to reduce CO₂ levels** in the atmosphere to reverse all damage that humanity has caused over the past centuries
- CO₂ negative technologies **have to be carbon-based**
- **aFuel®** enables not only CO₂ neutrality, but even **CO₂ negative energy generation**

We believe that we have the solution for **becoming CO₂ neutral** as well as **being CO₂ negative**.



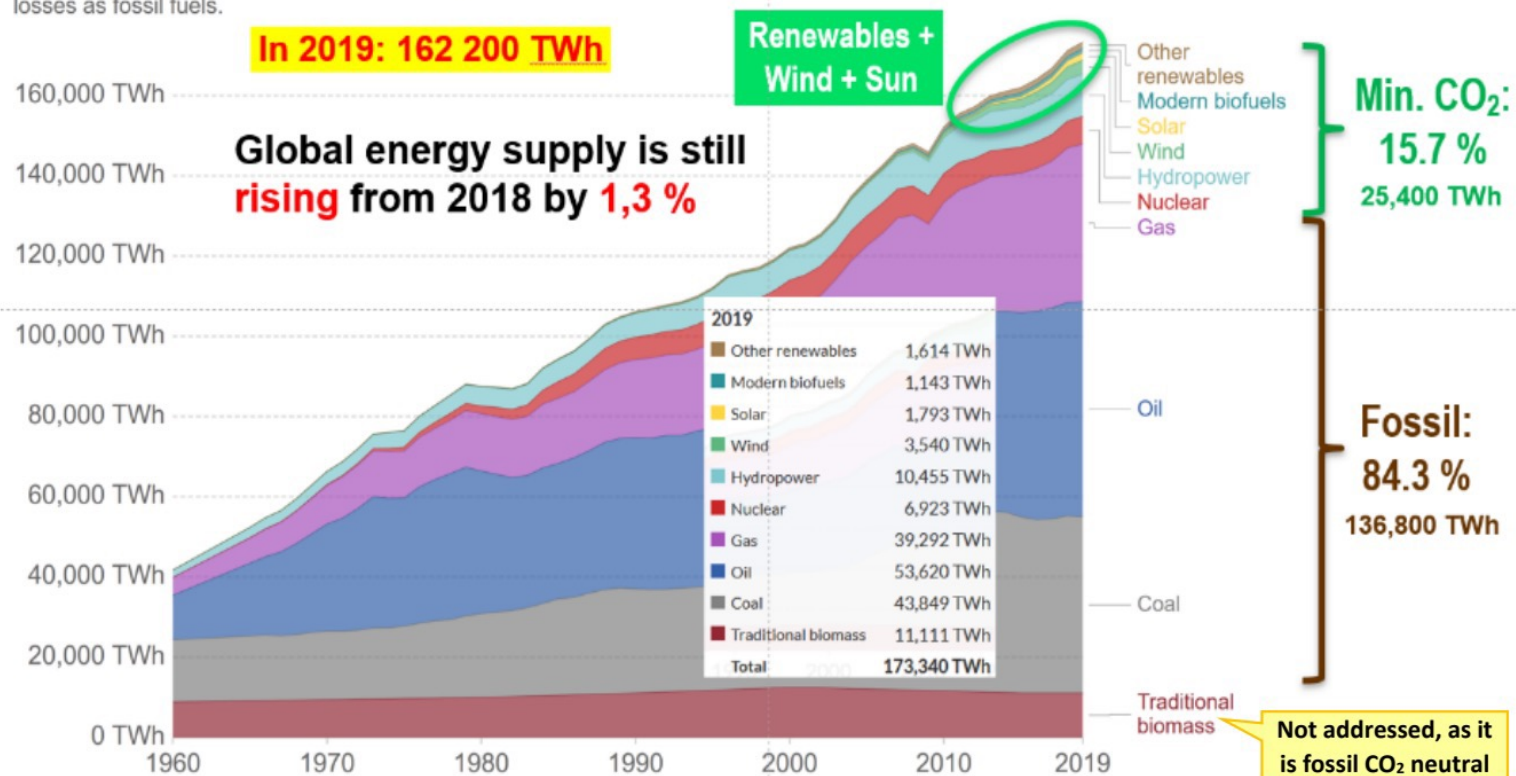


Fossil & Renewable Energy Status Quo

Global primary energy supply by source 1960 to 2019

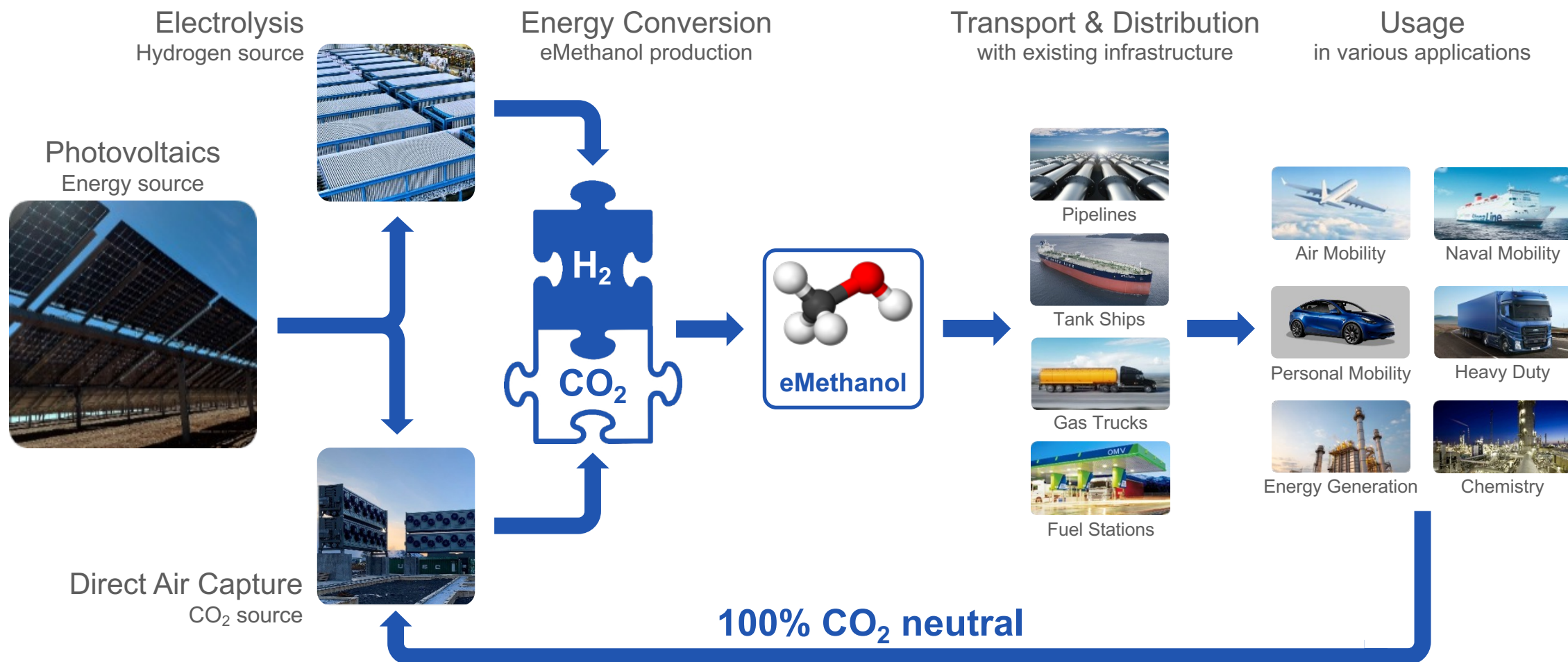
Primary energy is calculated based on the 'substitution method' which takes account of the inefficiencies in fossil fuel production by converting non-fossil energy into the energy inputs required if they had the same conversion losses as fossil fuels.

Our World
in Data



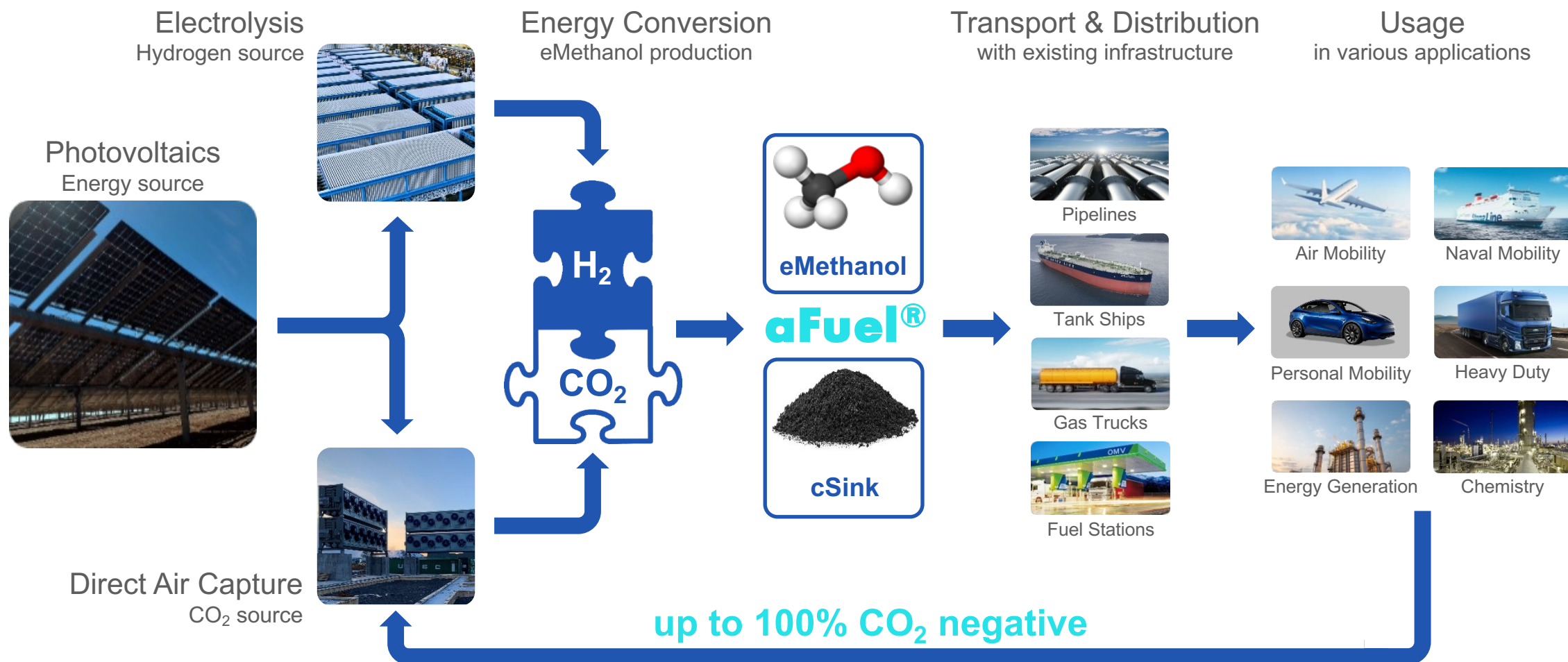


eMethanol The Global Energy Carrier



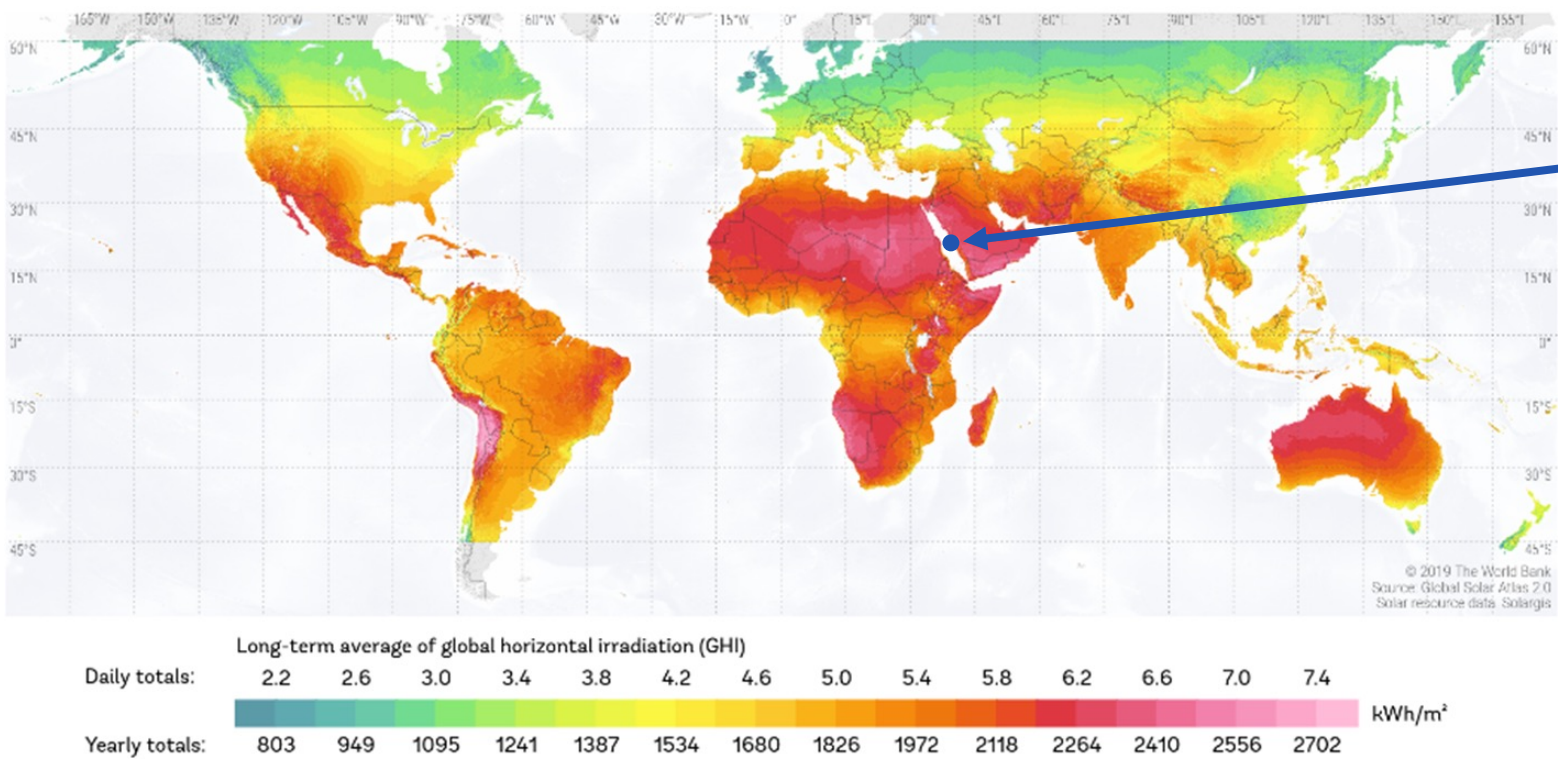


aFuel® Global Energy, but CO₂ negative





Photovoltaics in Sun Belt Cheapest Energy worldwide

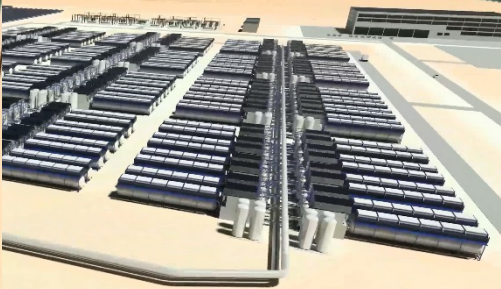
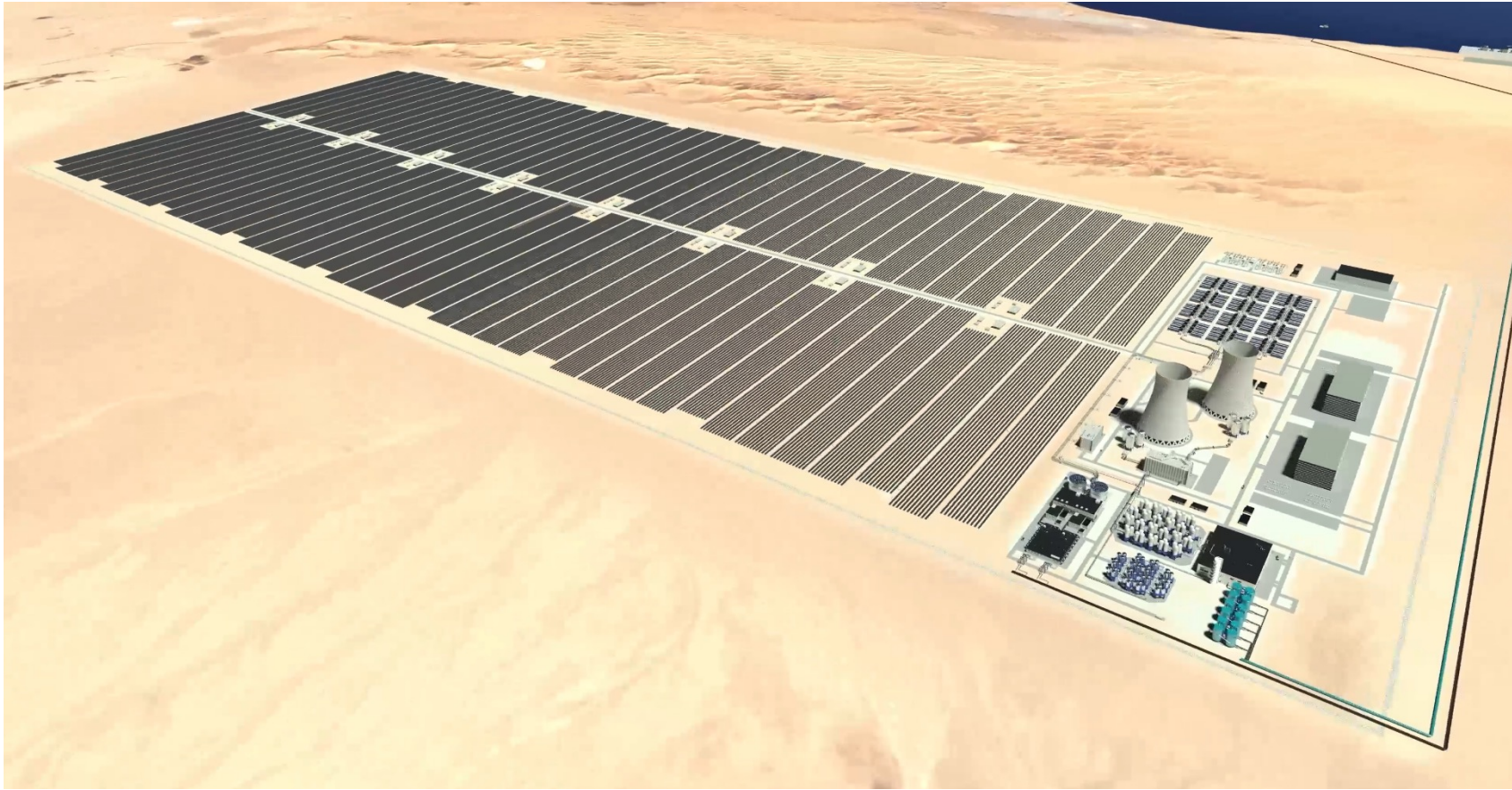


Shuaibah, Saudi Arabia
600MWp
2400kWh/m² irradiance

0,88 ct/kWh
Lowest LCOE worldwide
(April 2021)



aFuel® Plant Visualization

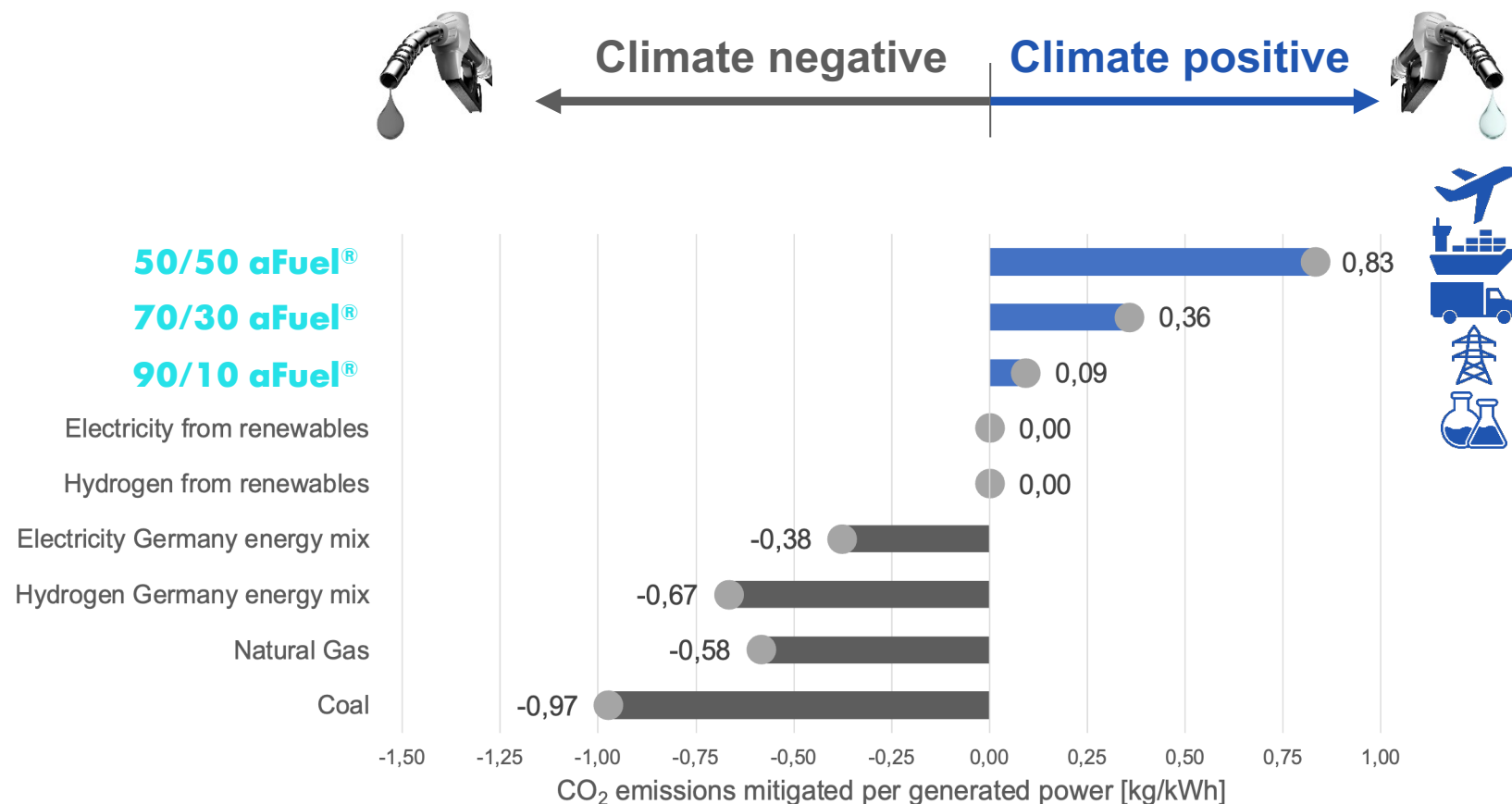




aFuel® World's First Global Climate Positive Energy Carrier

- aFuel® offers the unique possibility to **actively reduce CO₂ out of the atmosphere** parallel to being a CO₂ neutral energy carrier, making it **carbon negative**

- Other non-carbon-based energy carriers **can only be CO₂-neutral**





aFuel® Vehicle Presentation IAA Mobility Munich 2021



Dr. Gerd Müller
Secretary general of UNIDO



Our Solution for Humankind's Biggest Problem

- Reaching our primary goal: **stopping and reversing climate change**
- Using existing, collaborative technology, we can create an energy source that is **affordable, sustainable and transportable**, all on a global scale
- Generation of, and access to **aFuel®** will **boost global economies** and **create collaborations** between the world's most innovative technologies and minds

Unite with us to create a world free from fossil fuels.

The solution already exists.

Act now!





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