

CO₂-negative aFuel as Global Energy Carrier and The Solution for Future E-Mobility

23rd of November 2023 / SI

More than 25 Years of Obrist Group

OBRIST
— ENGINEERING —

OBRIST
— POWERTRAIN —

OBRIST
— TECHNOLOGIES —

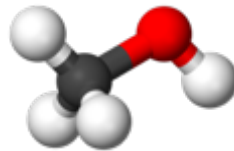
Green Refrigerant
R744 / R290comp. / eScroll



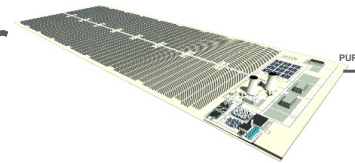
HyperHybrid®
The Smarter Electric Vehicle



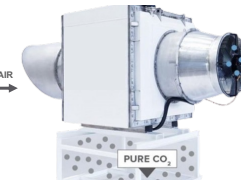
Global Energy Carrier
aFuel®



“The Modern Forest”



DAC



Active CO₂ Reduction



3

Employees

>60

Over 550 Patents in total
Over 220 Patents active

1996

2012

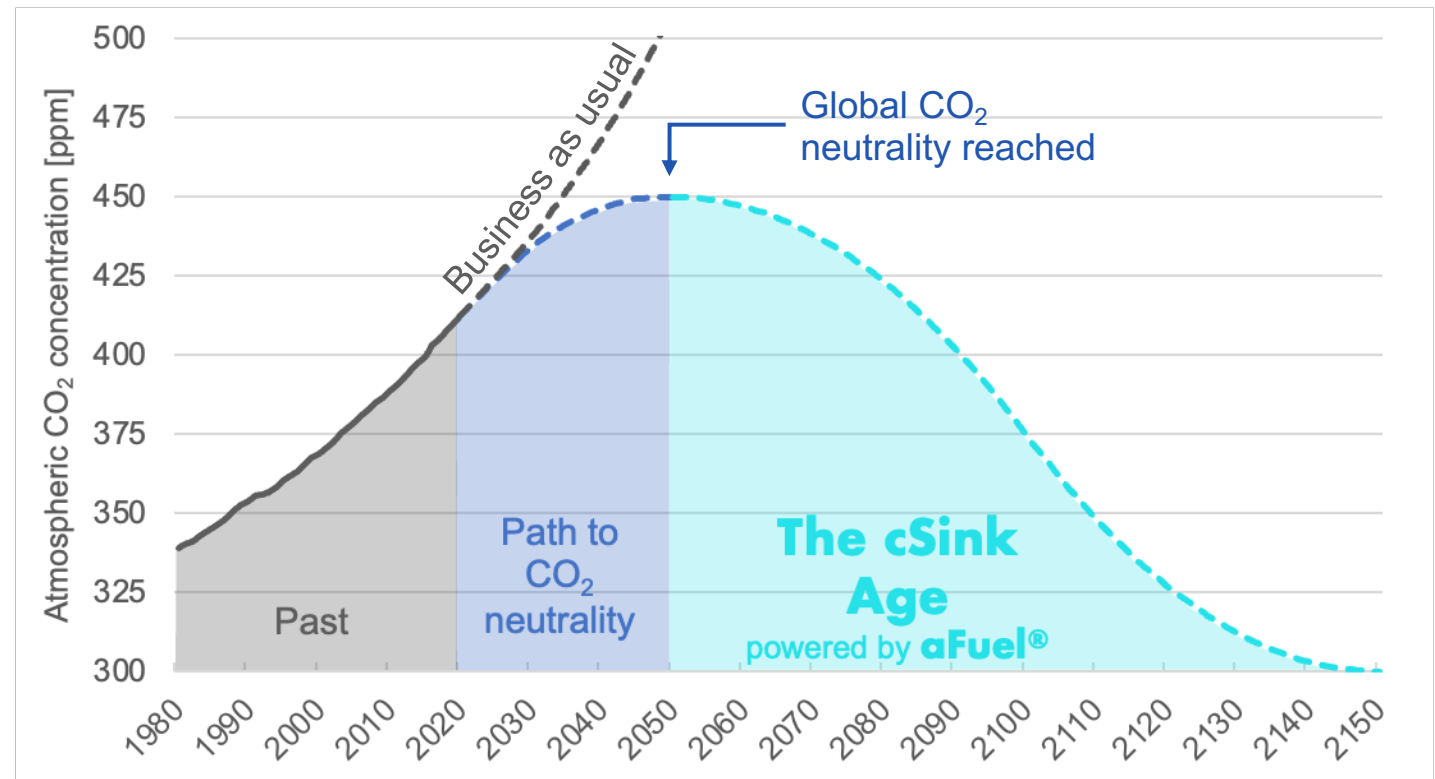
2021

Year of Founding

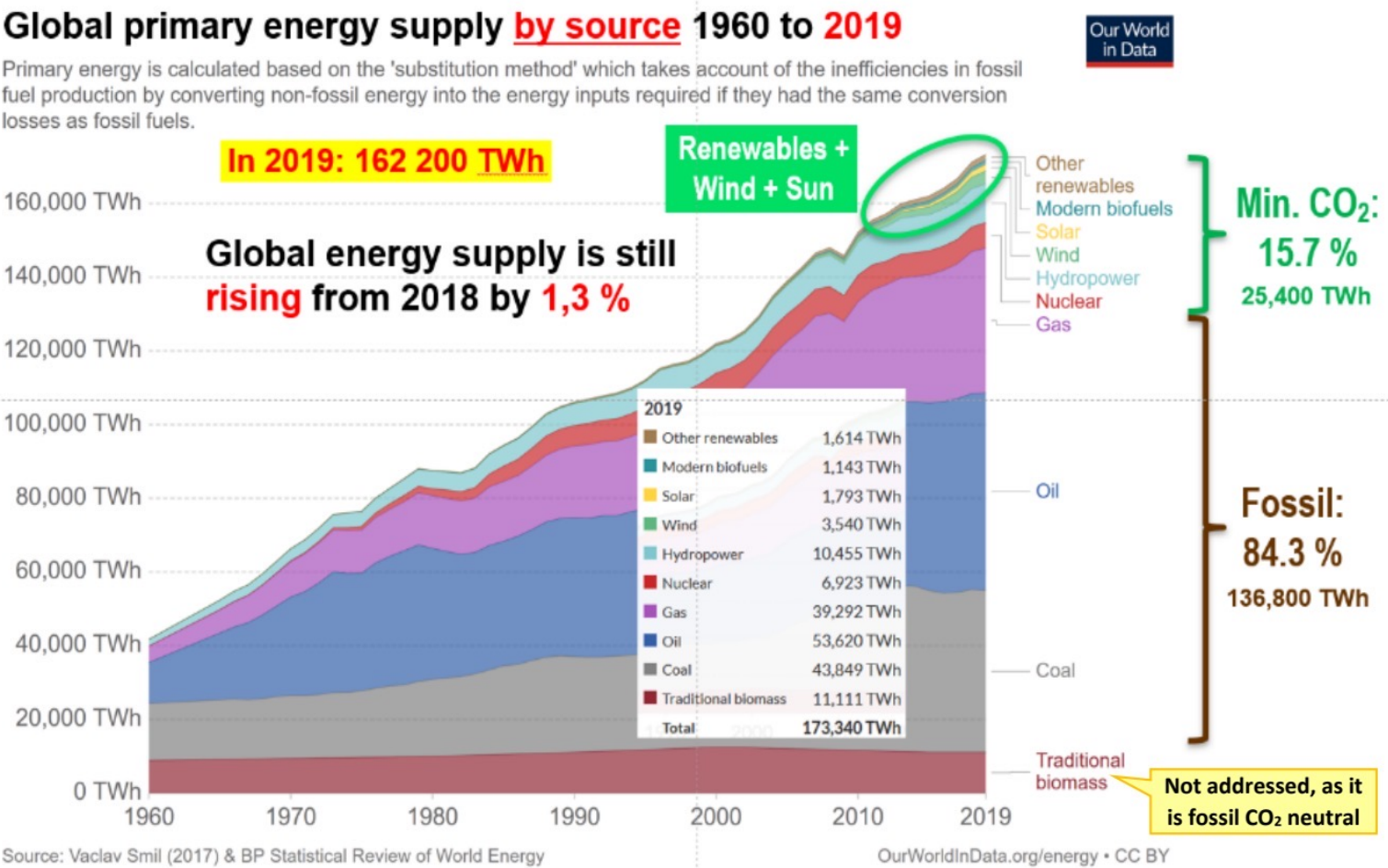
Atmospheric CO₂ Reduction The Path to Global CO₂ Negativity

- 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**

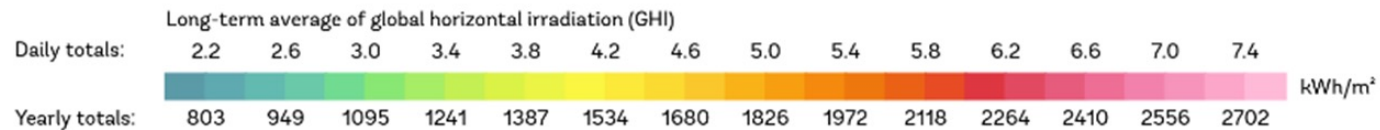
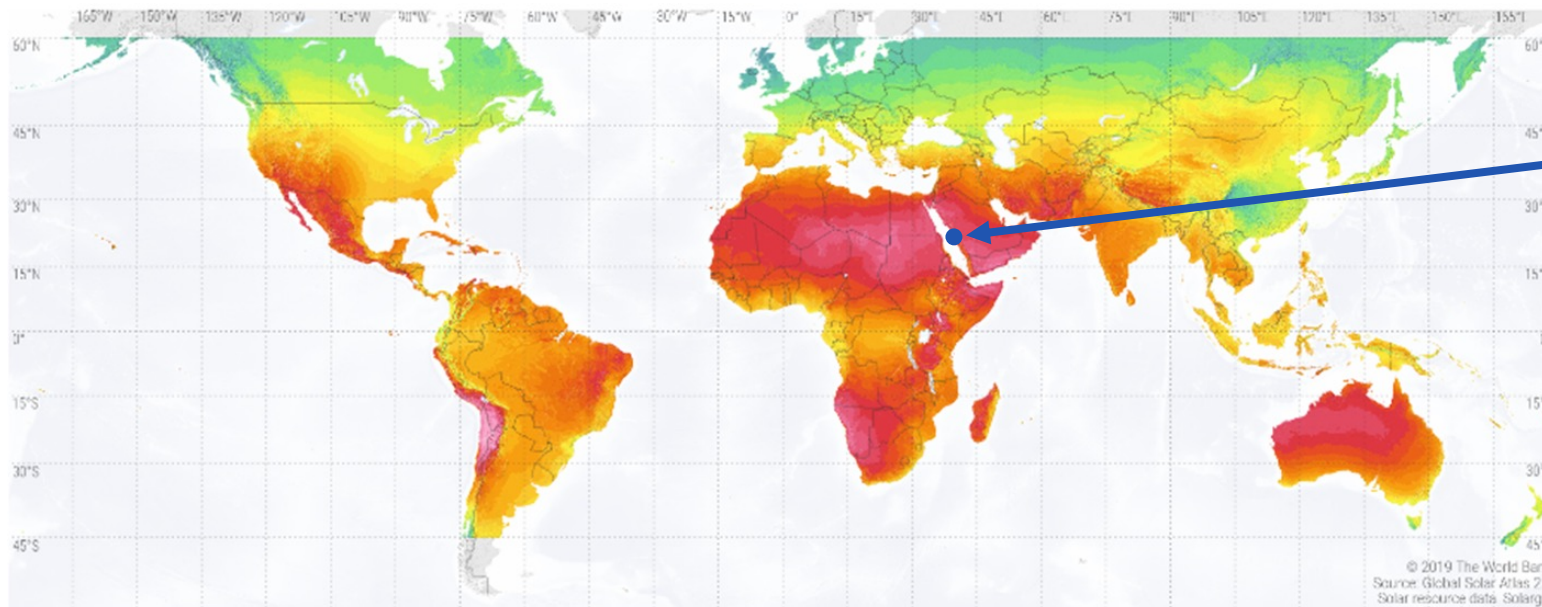
We believe that we have the solution for **becoming CO₂ neutral** as well as **being CO₂ negative**.



Fossil & Renewable Energy Status Quo



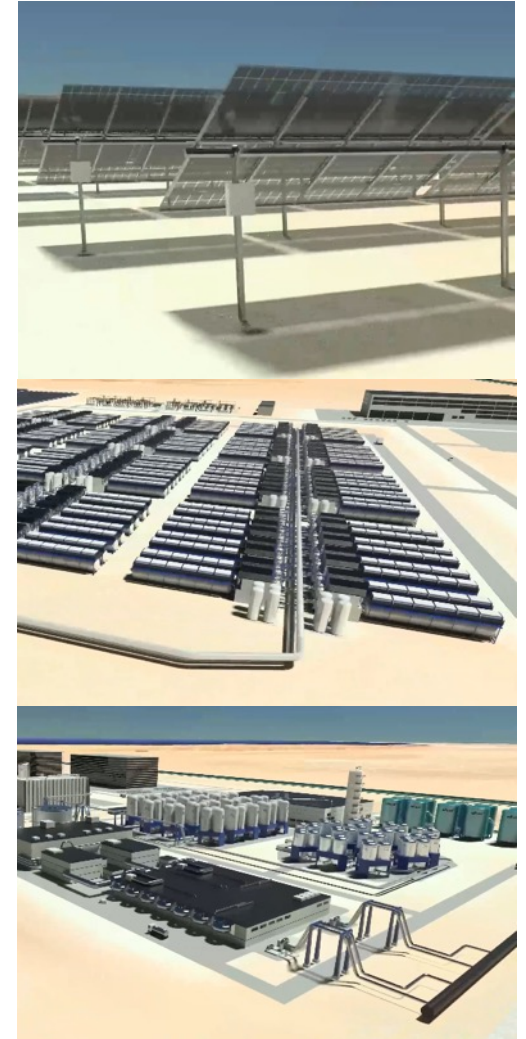
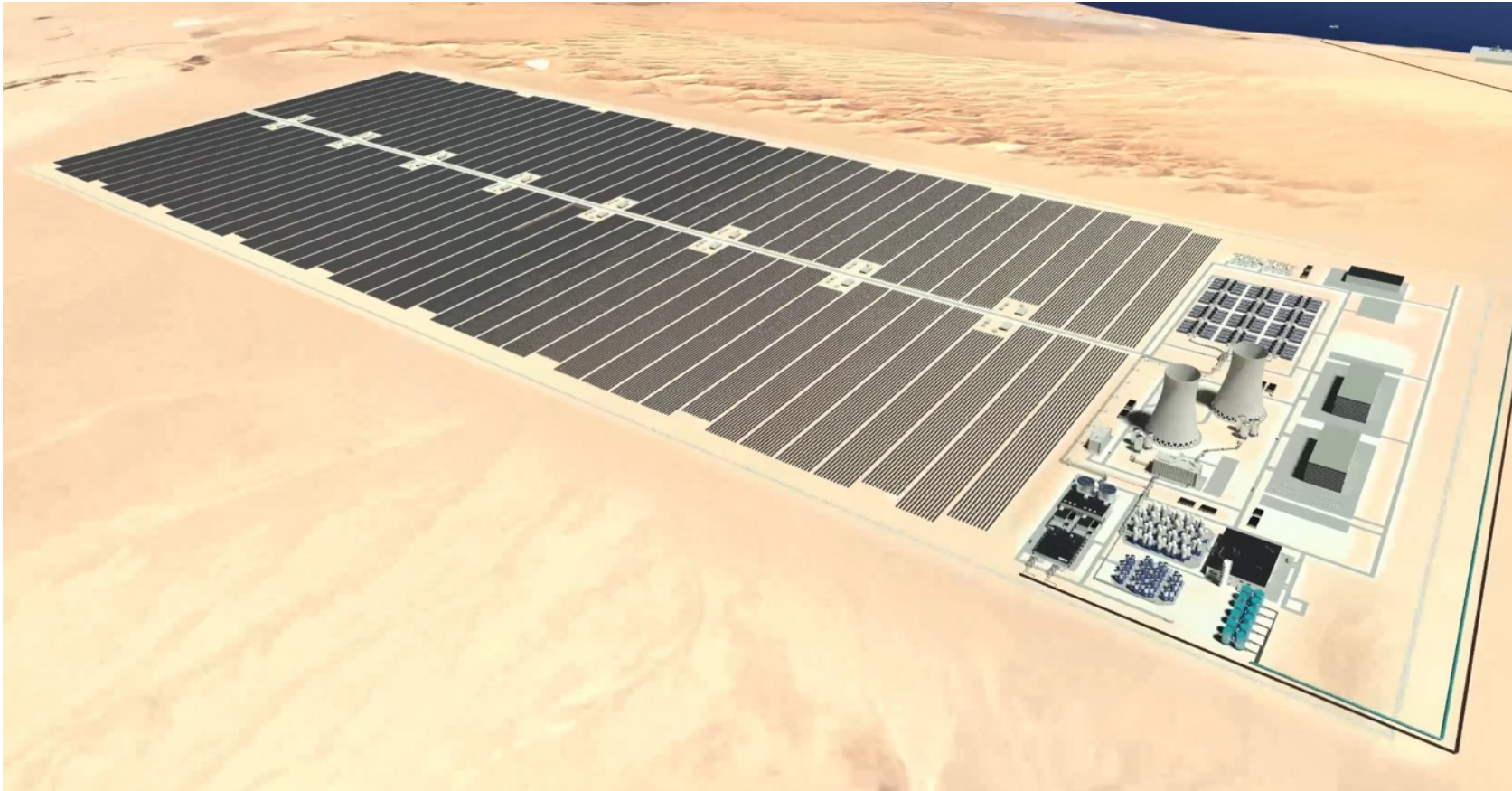
Photovoltaics in Sun Belt Cheapest Energy worldwide



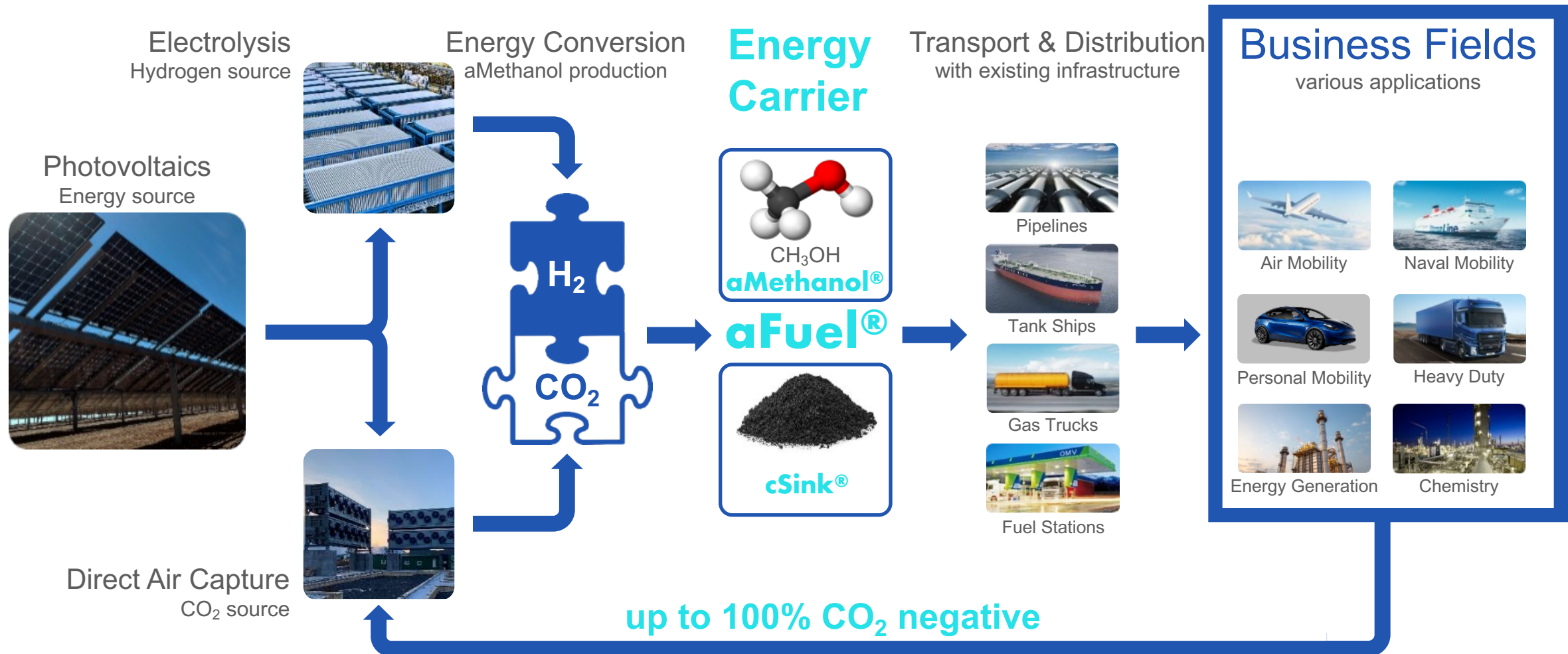
Shuaibah, Saudi Arabia
600MWp
2400kWh/m² irradiance

0.88 ct/kWh
Lowest LCOE worldwide
(April 2021)

aFuel® Plant Visualization

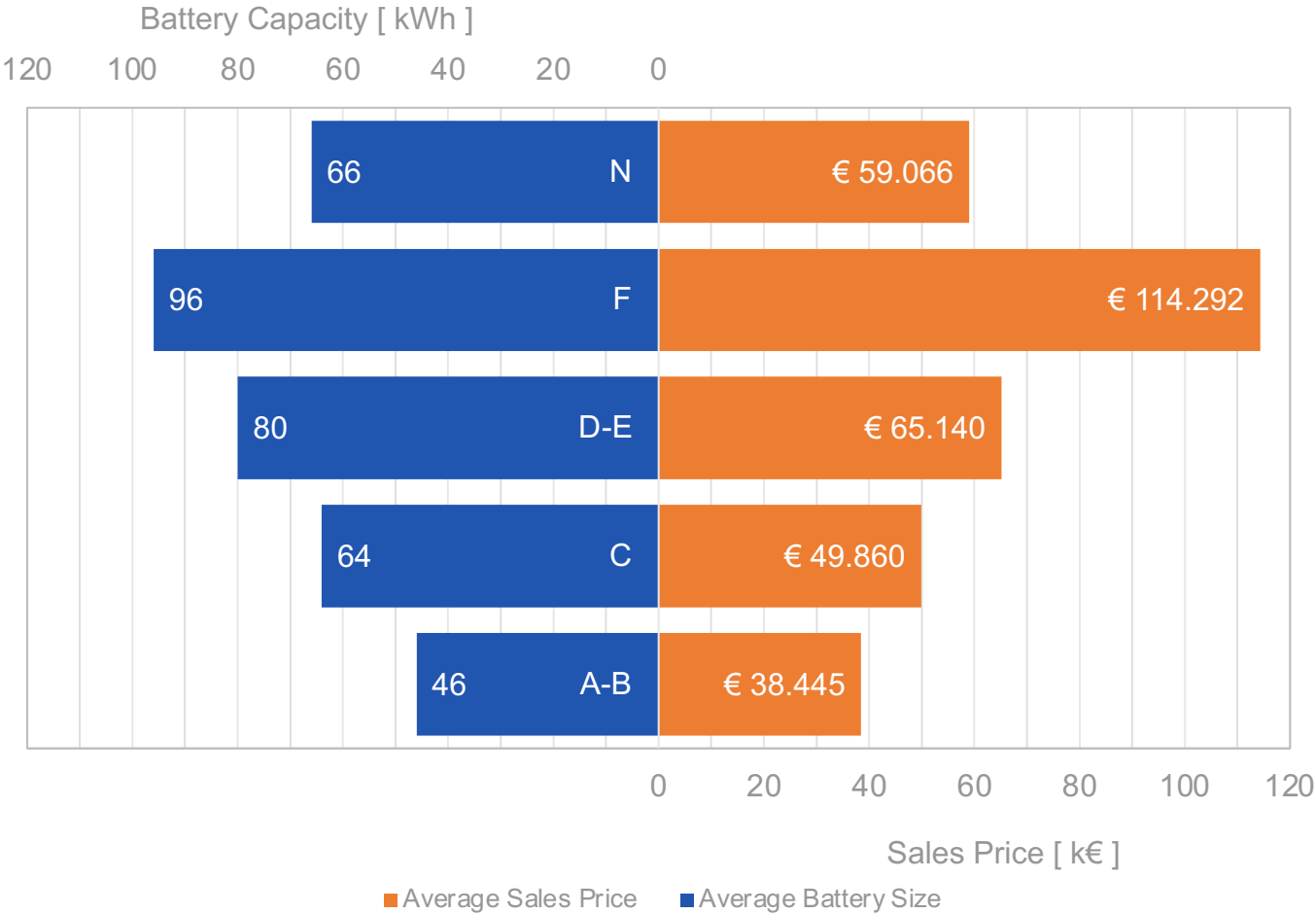


Obrist Technologies Product Business Field

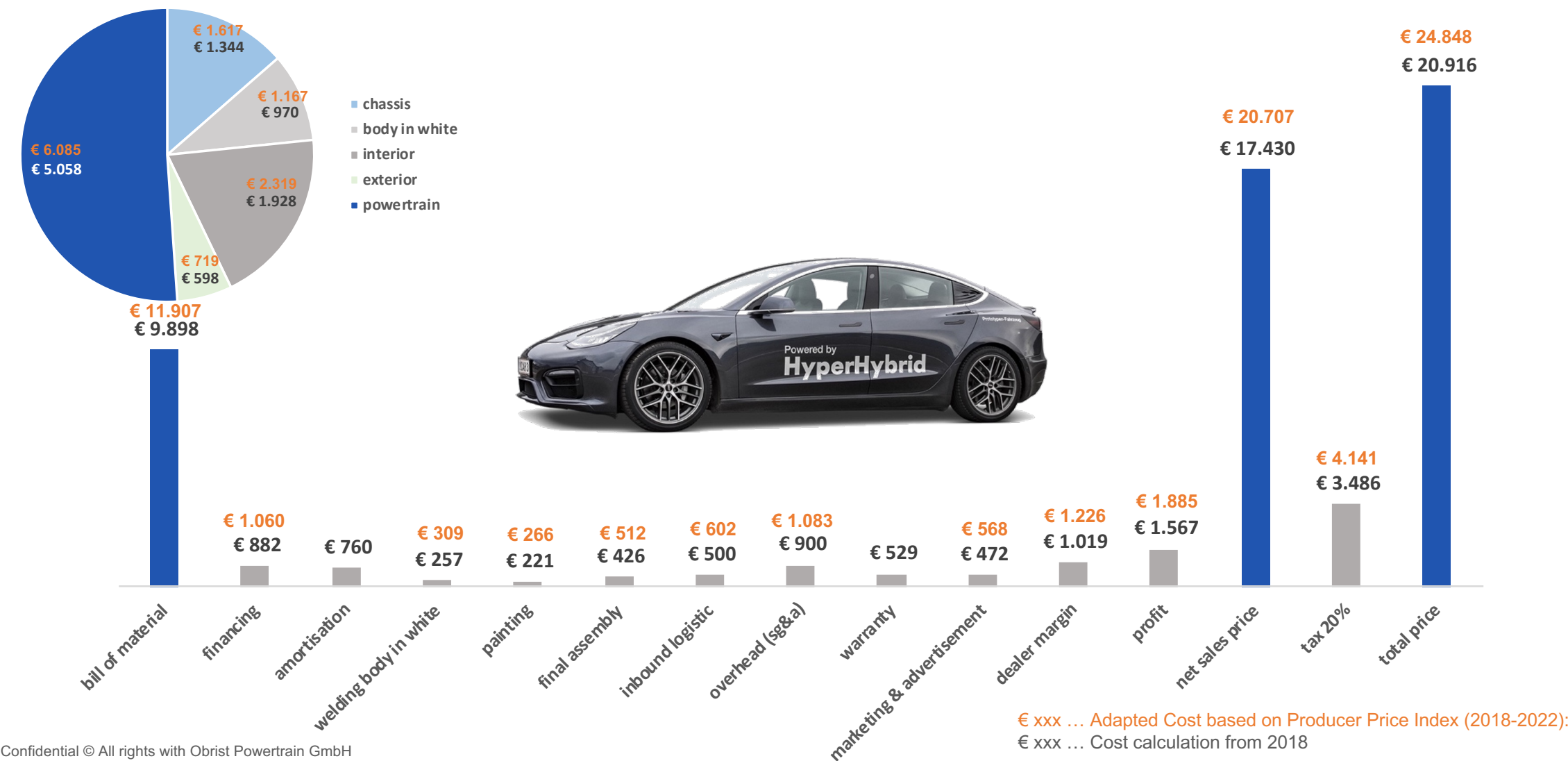


BEV Average Sales Price (for Europe in 2023)

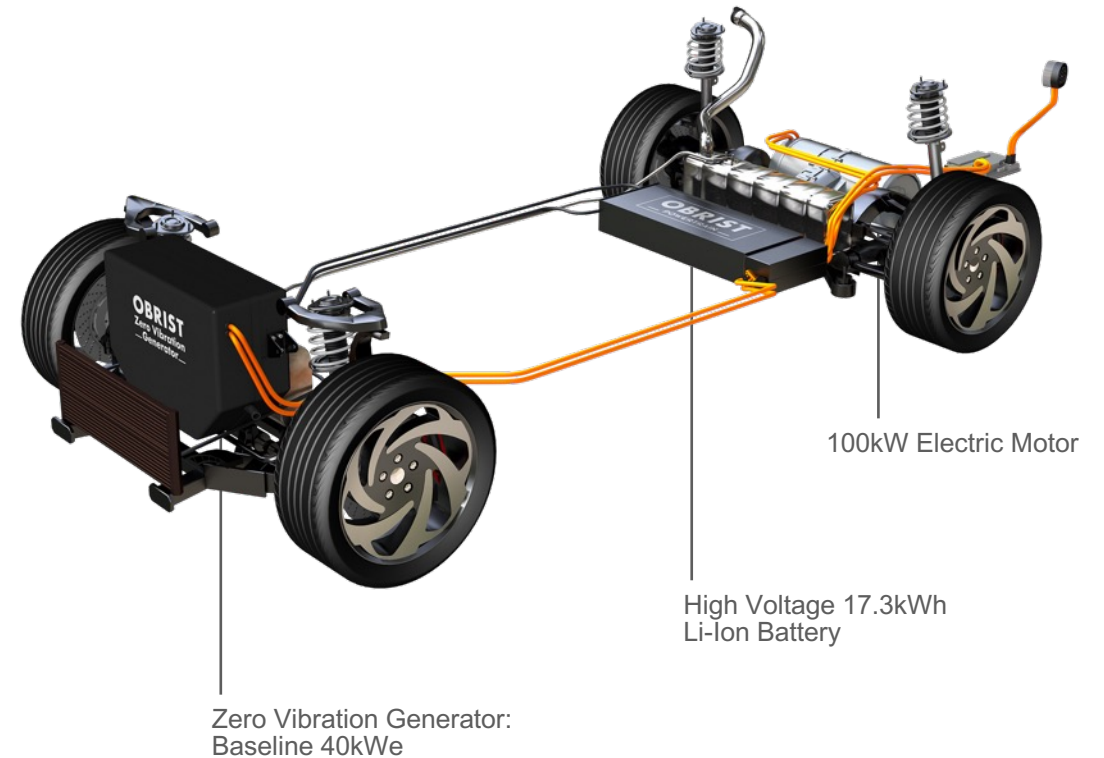
- EV Car Segments
 - A – Mini
 - B – Small
 - C – Medium
 - D – Large
 - E – Executive
 - F – Luxury
 - N – Commercial Van



HyperHybrid® Vehicle Cost Overview



HyperHybrid® Powertrain Series Plug-In Hybrid Solution



The solution for global automotive mass markets.

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