

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



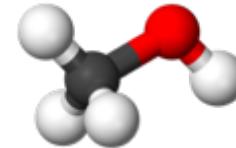
Green
Refrigerant
R744 / R290comp. / eScroll



HyperHybrid®
The Smarter
Electric Vehicle



Global
Energy Carrier
aFuel®



“The Modern
Forest”



3

Employees

>60

Over 550 Patents in total
Over 220 Patents active

1996

2012

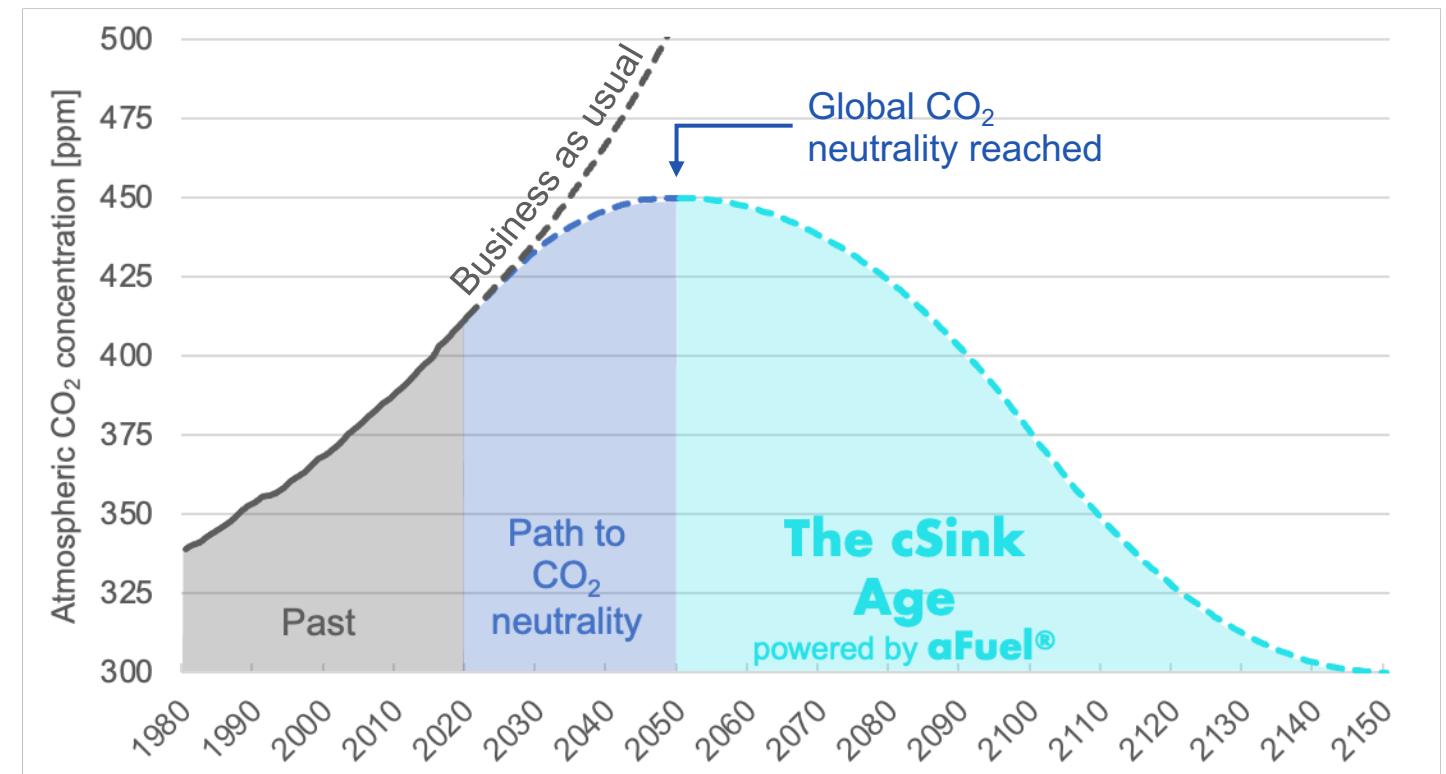
2021

Year of Founding
2

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**

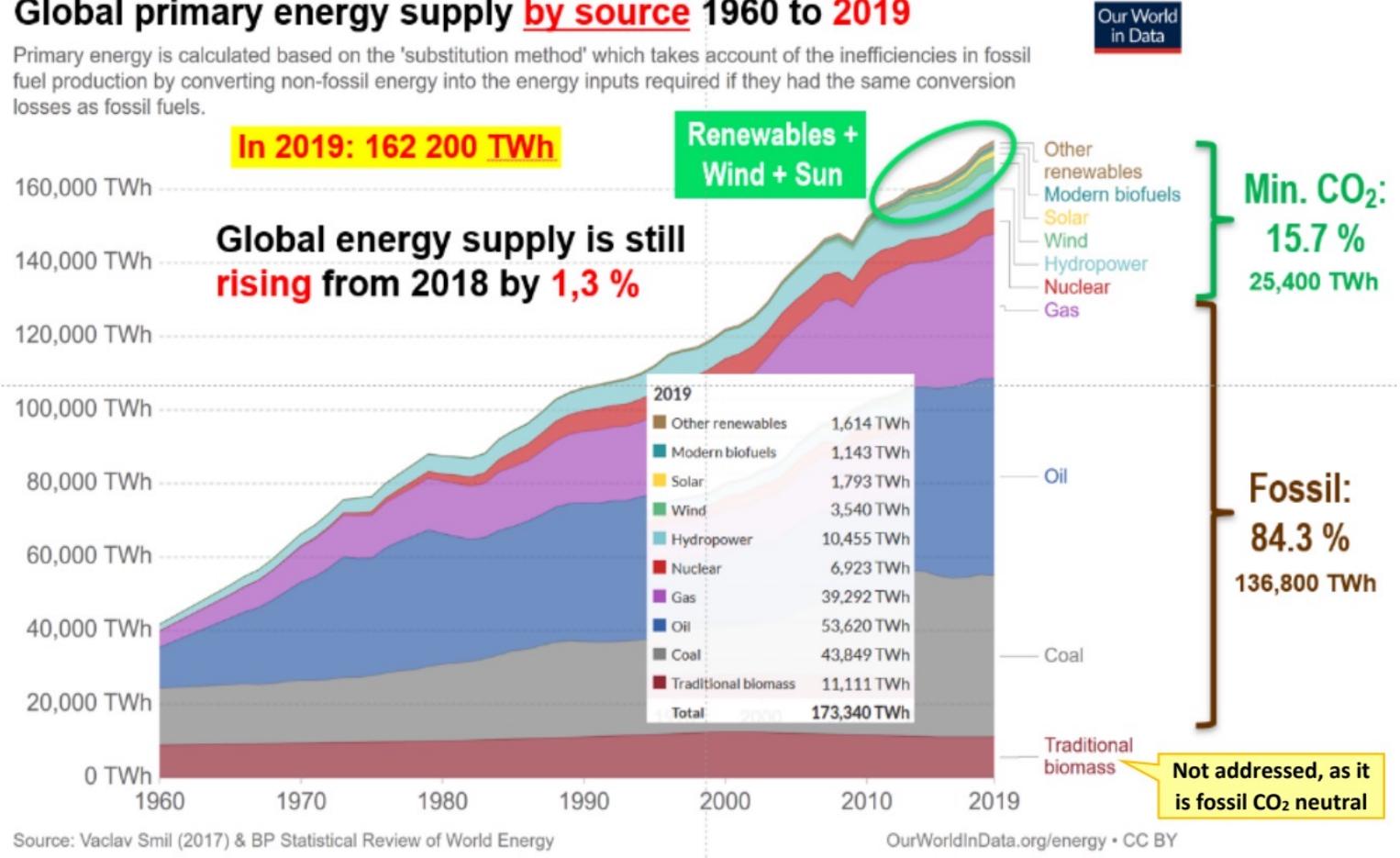
We believe that we have the solution for **becoming CO₂ neutral** as well as **being CO₂ negative**.



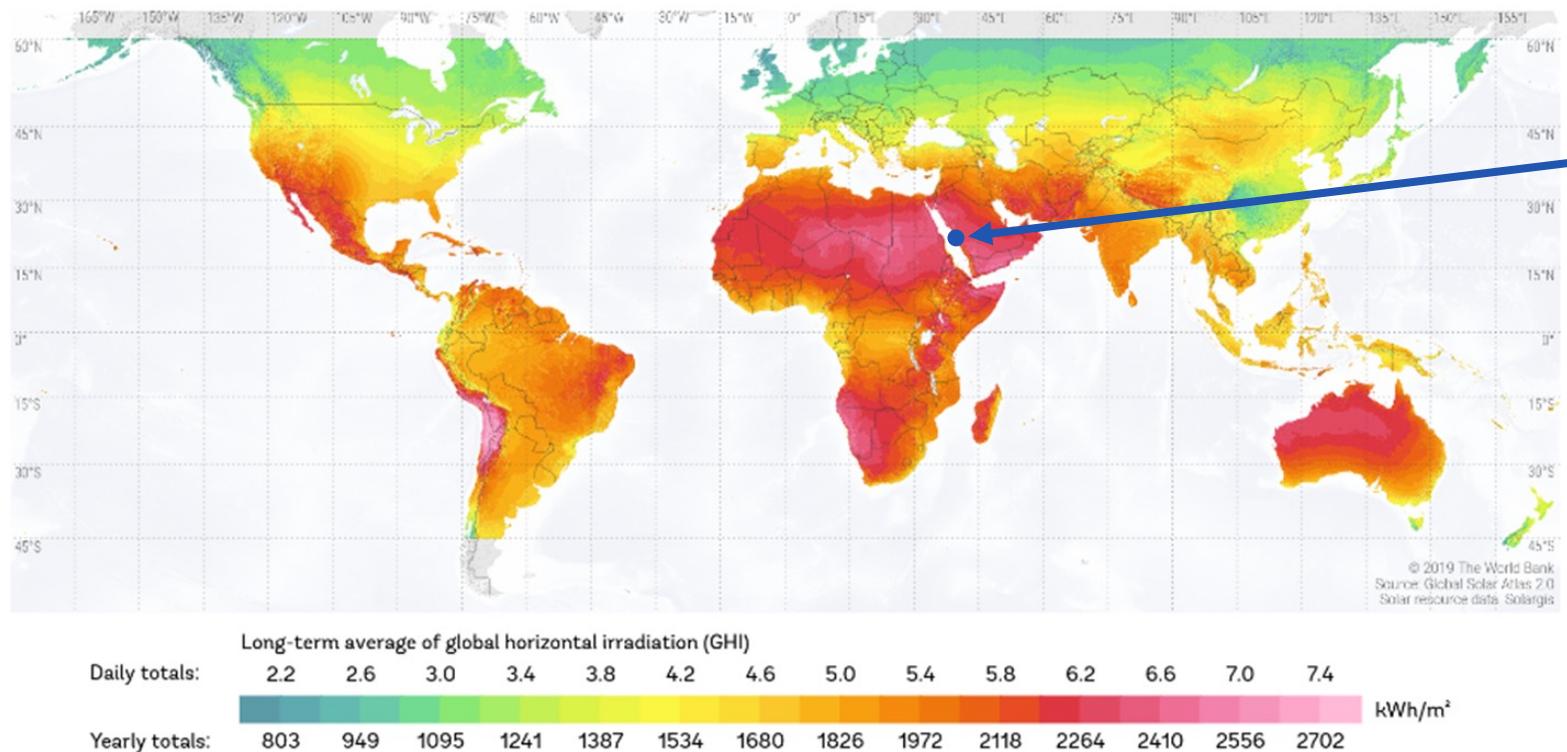
Fossil & Renewable Energy Status Quo

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.



Photovoltaics in Sun Belt Cheapest Energy worldwide



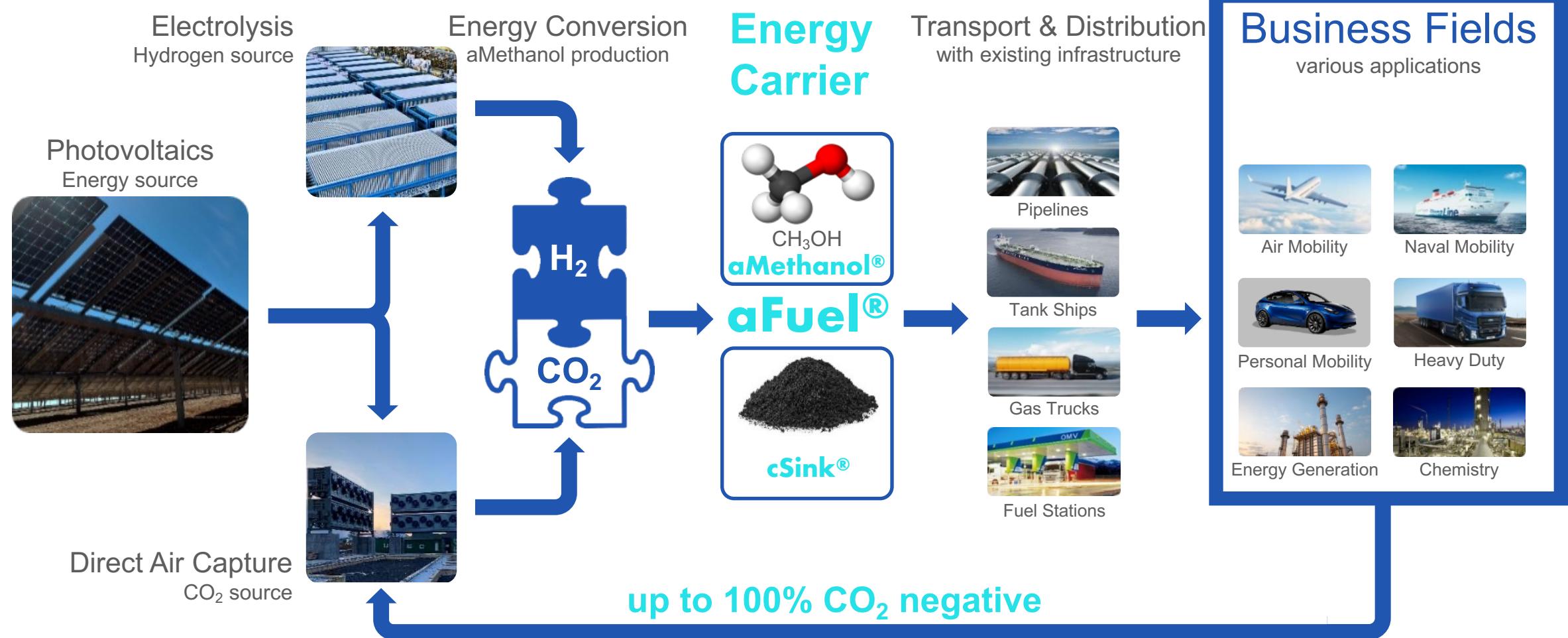
Shuaibah, Saudi Arabia
600MWp
2400kWh/m² irradiance

0.88 ct/kWh
Lowest LCOE worldwide
(April 2021)

aFuel® Plant Visualization



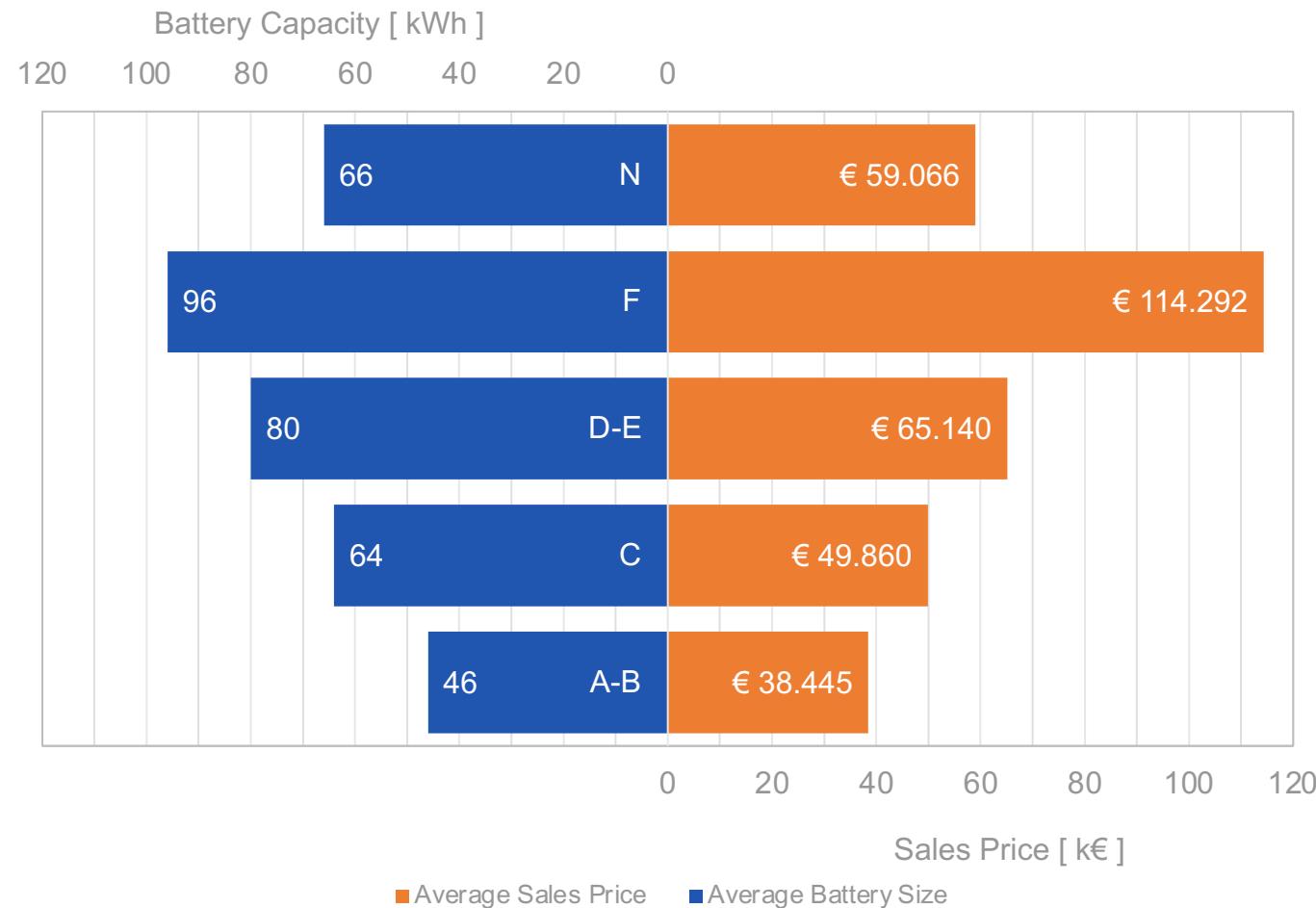
Obrist Technologies Product Business Field



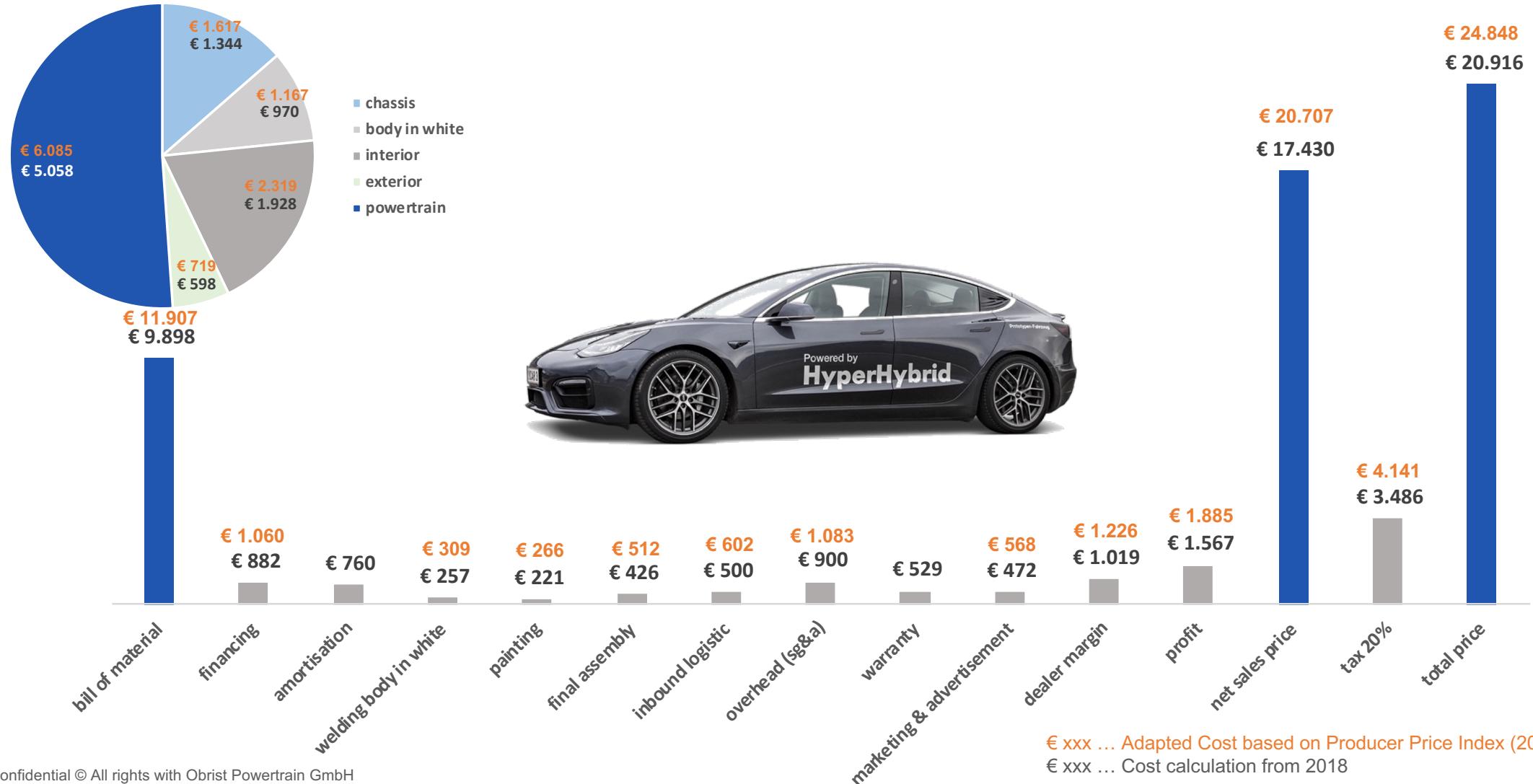
BEV Average Sales Price (for Europe in 2023)

▪ EV Car Segments

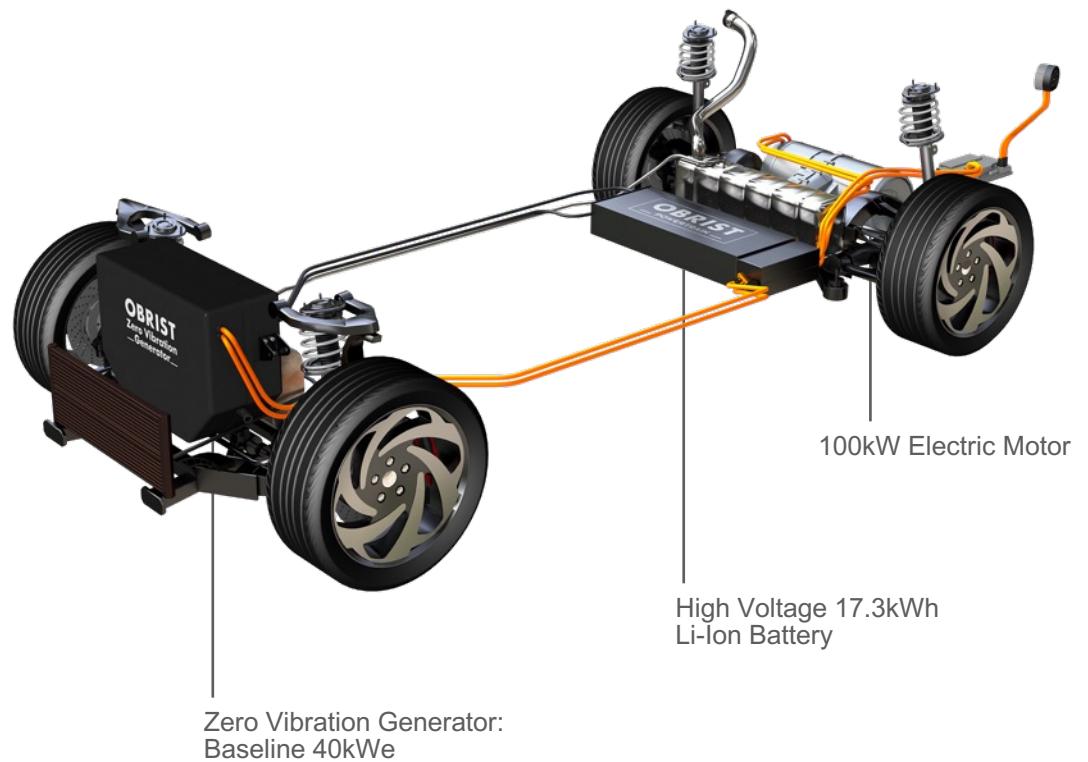
- A – Mini
- B – Small
- C – Medium
- D – Large
- E – Executive
- F – Luxury
- N – Commercial Van



HyperHybrid® Vehicle Cost Overview



HyperHybrid® Powertrain Series Plug-In Hybrid Solution



The solution for global automotive mass markets.

OBRIST Group

Rheinstrasse 26-27
AT-6890 Lustenau
AUSTRIA

+43 5577 623 70
office@obrist.at
www.obrist.at

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