

Enertrag SE

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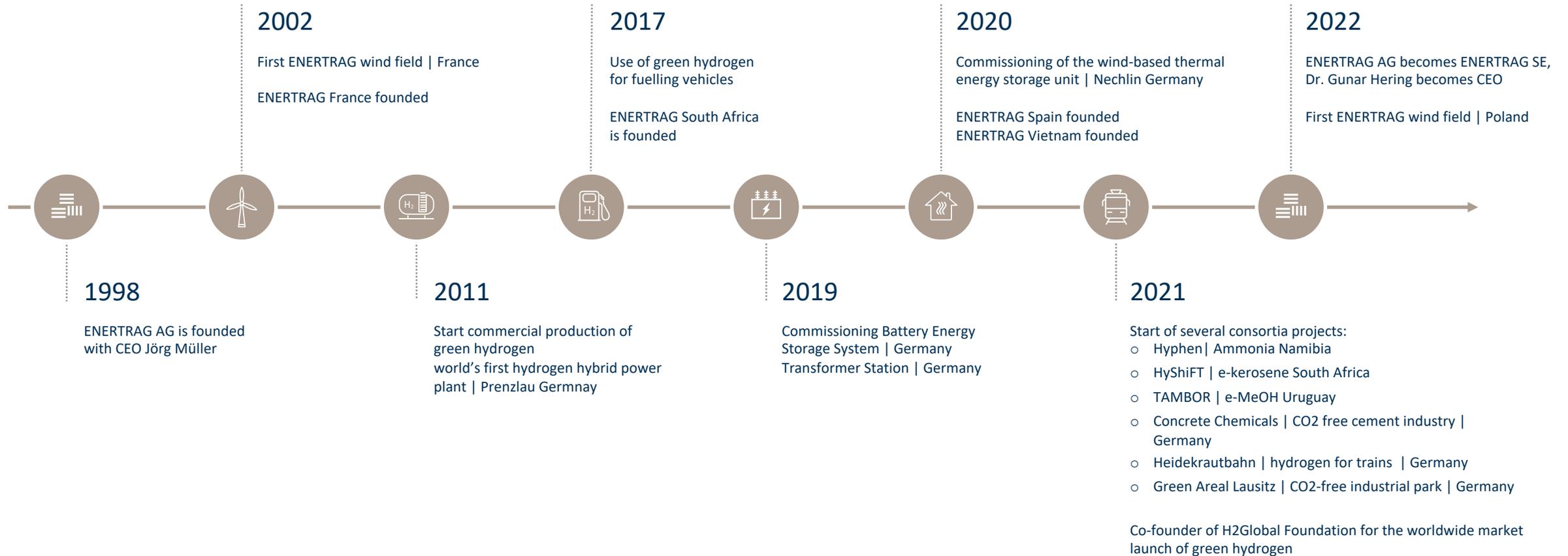
1. Enertrag Story

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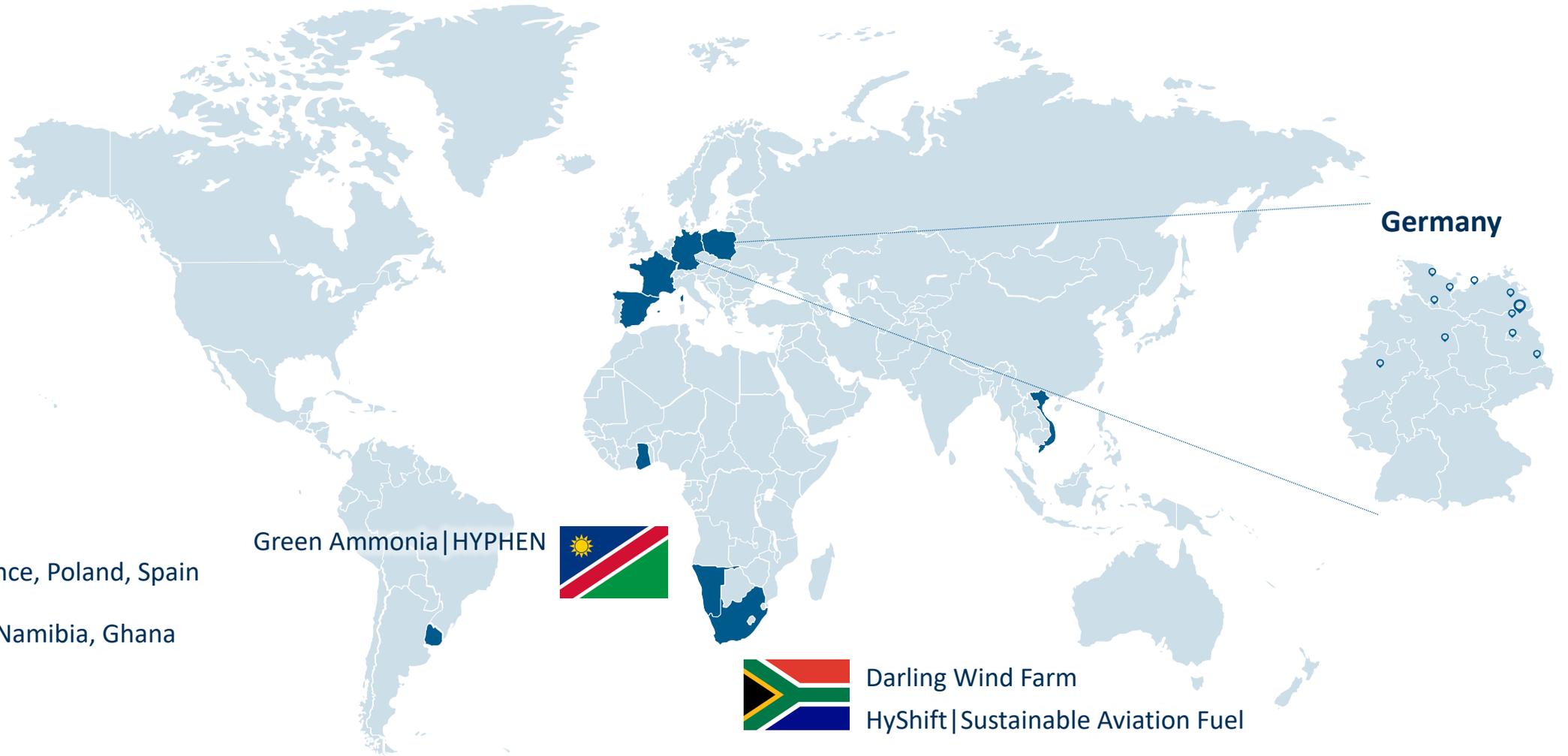
3. PtX Projects in Execution

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Solutions for the Energy Transition



ENERTRAG Sites and Projects Worldwide



Germany, France, Poland, Spain

South Africa, Namibia, Ghana

Vietnam

Uruguay

Green Ammonia | HYPHEN



Darling Wind Farm

HyShift | Sustainable Aviation Fuel

At a glance



880

megawatts of wind
in our own portfolio



1.6

annual electricity production
in terawatt hours from our
own portfolio



1,800

megawatts of all
installations built



>6.2

gigawatts of renewable
installation capacity connected
to the Powersystem software



>1.000

Employees
and growing



>250

million euros annual revenue
from electricity sales and
project business

From theory to energy

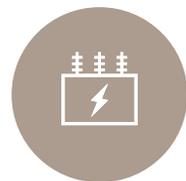
ENERTRAG Combined Power Plant Germany



610 MW
Wind energy



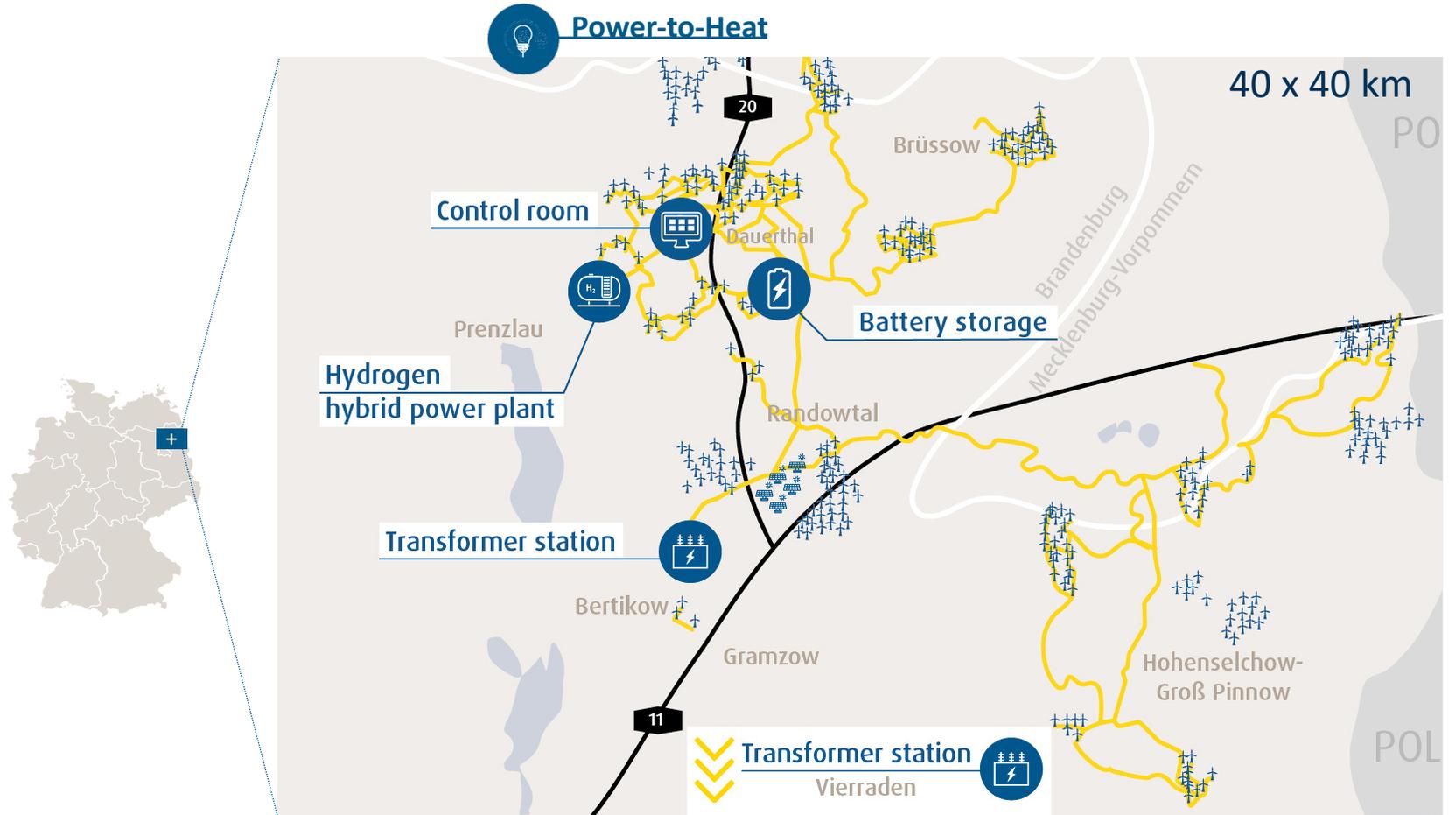
21 MW
Biogas



> 600 km
Feed-in grid cable

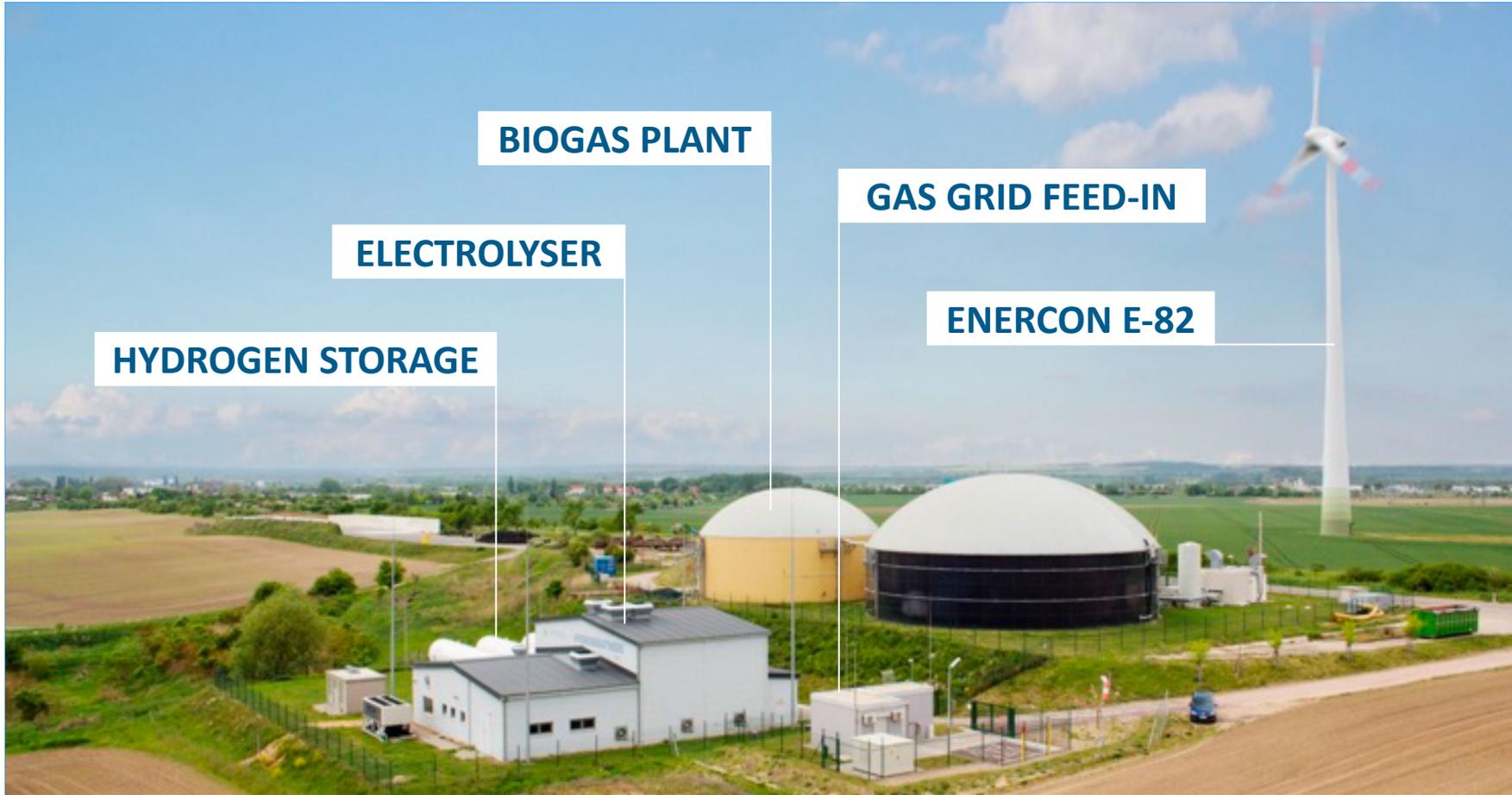


22 MW
Battery



First of its kind

PtX Reference | Hybrid Power Plant Germany



BIOGAS PLANT

ELECTROLYSER

HYDROGEN STORAGE

GAS GRID FEED-IN

ENERCON E-82

Commissioning:
October/2011

Total investment:
21 million EUR

Nominal capacity wind:
6.9 MW (3 x 2.3 MW)

Nominal capacity biogas:
732 kW (2 x 366 kW)

Nominal capacity electrolysis:
560 kW

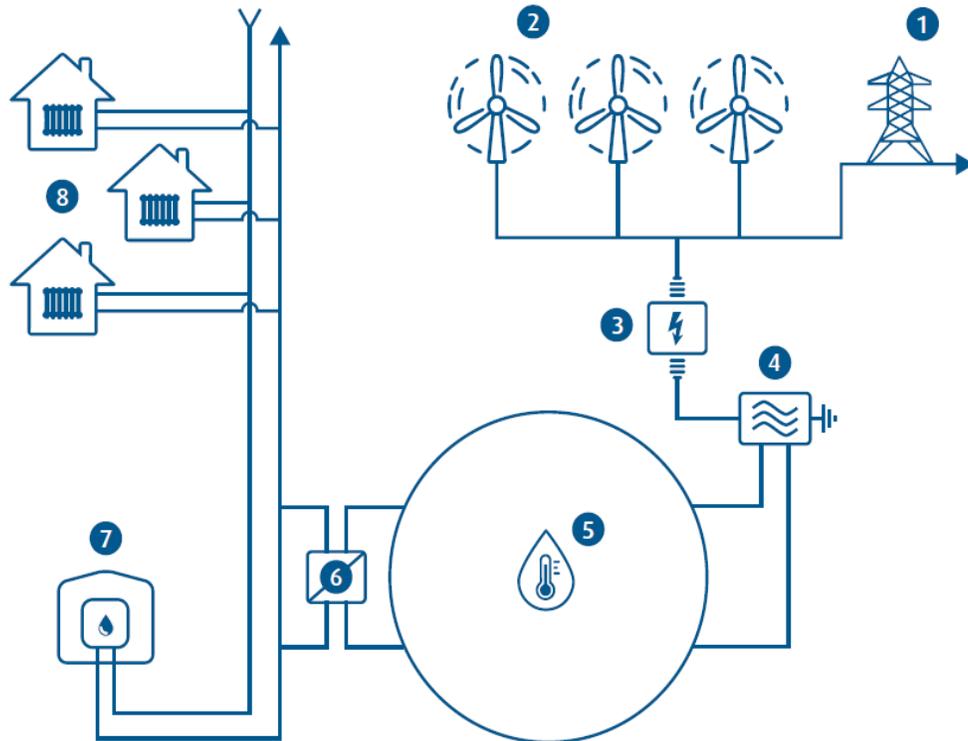
Gas storage capacity:
1,186 kg

Maximum annual production H2:
94,000 kg/a

Annual power production:
16 GWh/a

CO2-avoidance:
9,600 t/a

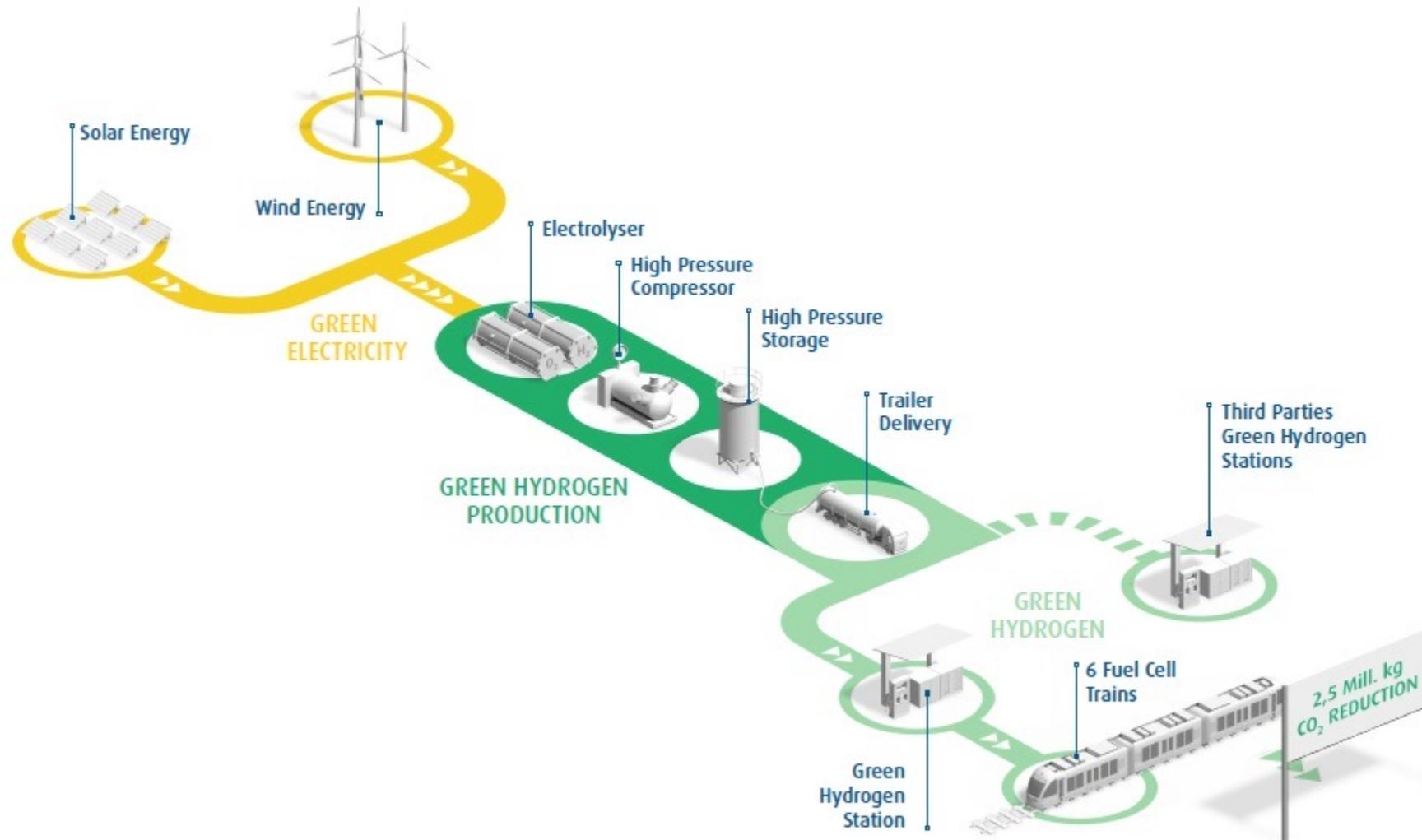
PtX Reference | Wind-Heat-Storage Germany



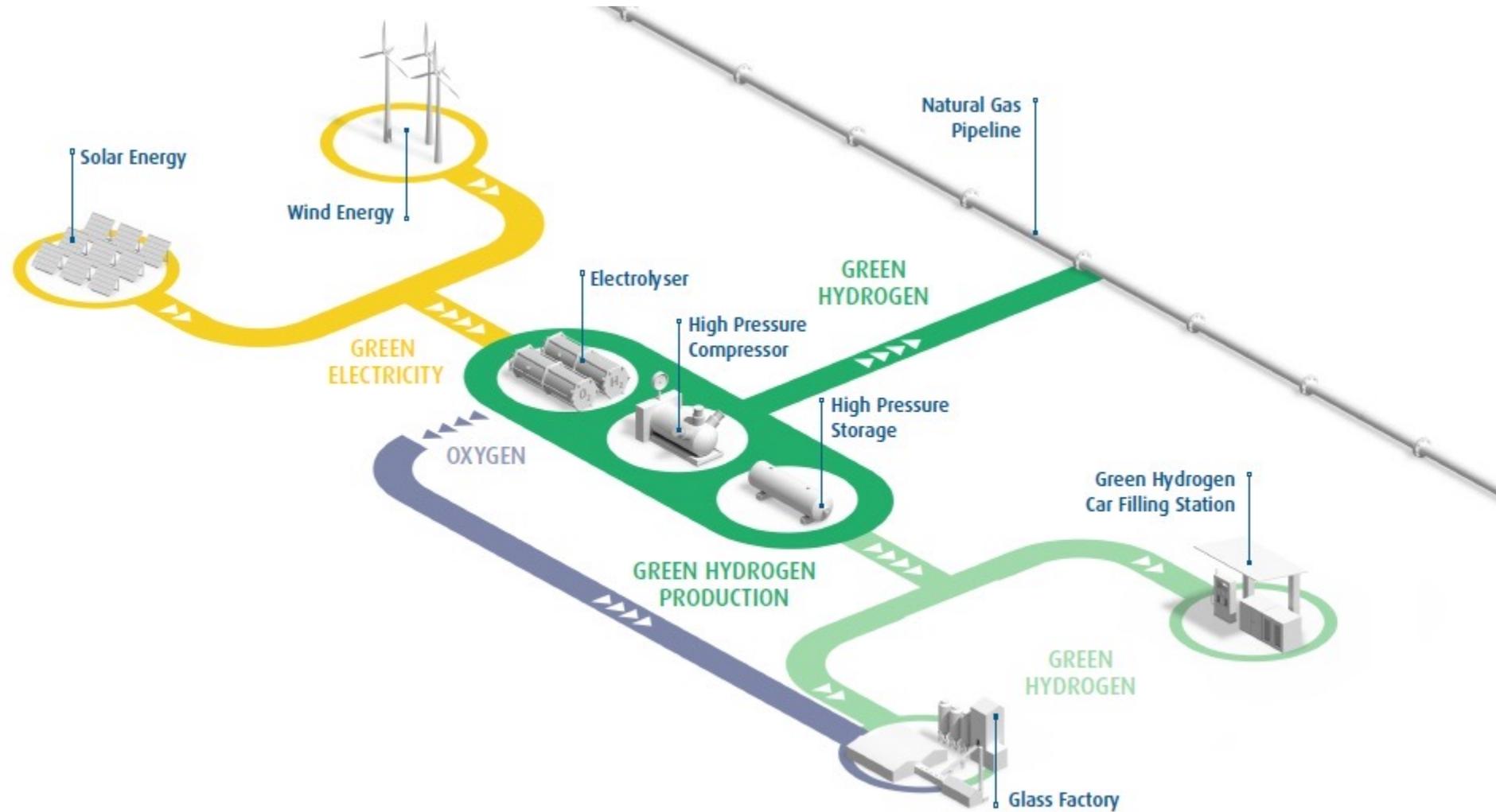
- | | | | |
|---|---------------------|---|-------------------------------|
| 1 | Local Grid | 5 | Hot Water Storage |
| 2 | Enertrag Wind Farm | 6 | Connection Local Heat Network |
| 3 | Transformer Station | 7 | Short Term Storage |
| 4 | Heating Unit | 8 | Households |

- Use of Existing District Heat Network
- Use of Switch-Off-Times
- Established Heating Technology 20MW
- Storage Volume 1,000Mm³ H₂O

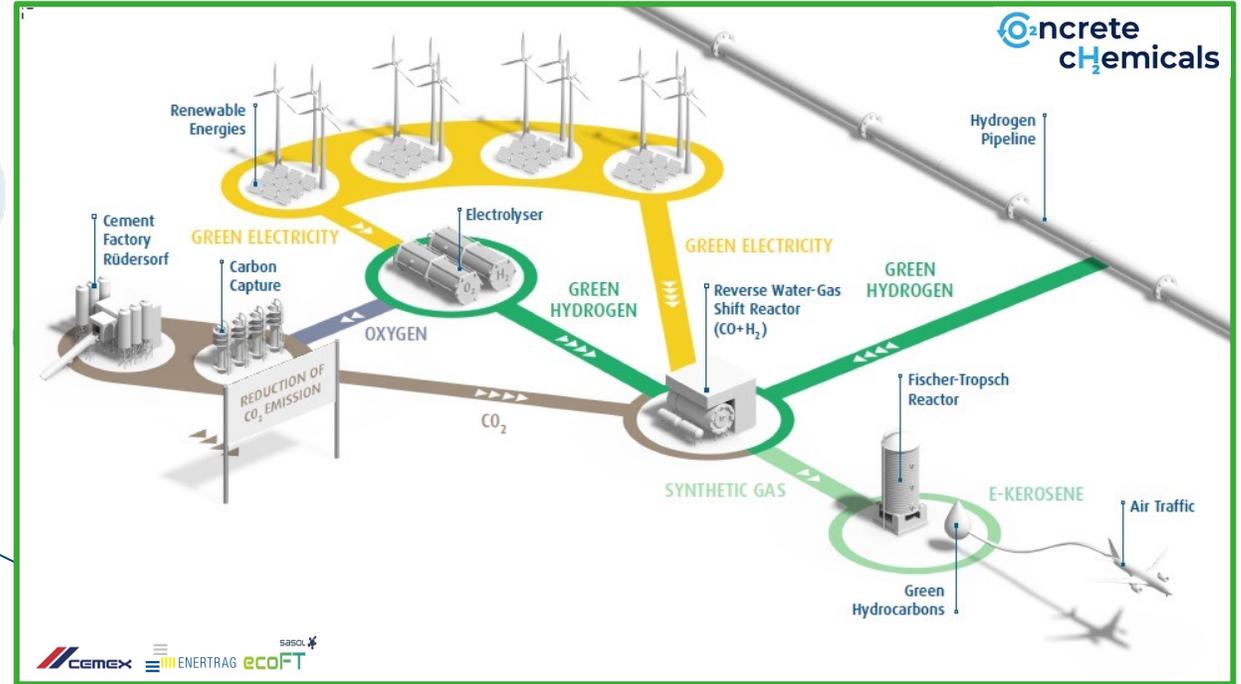
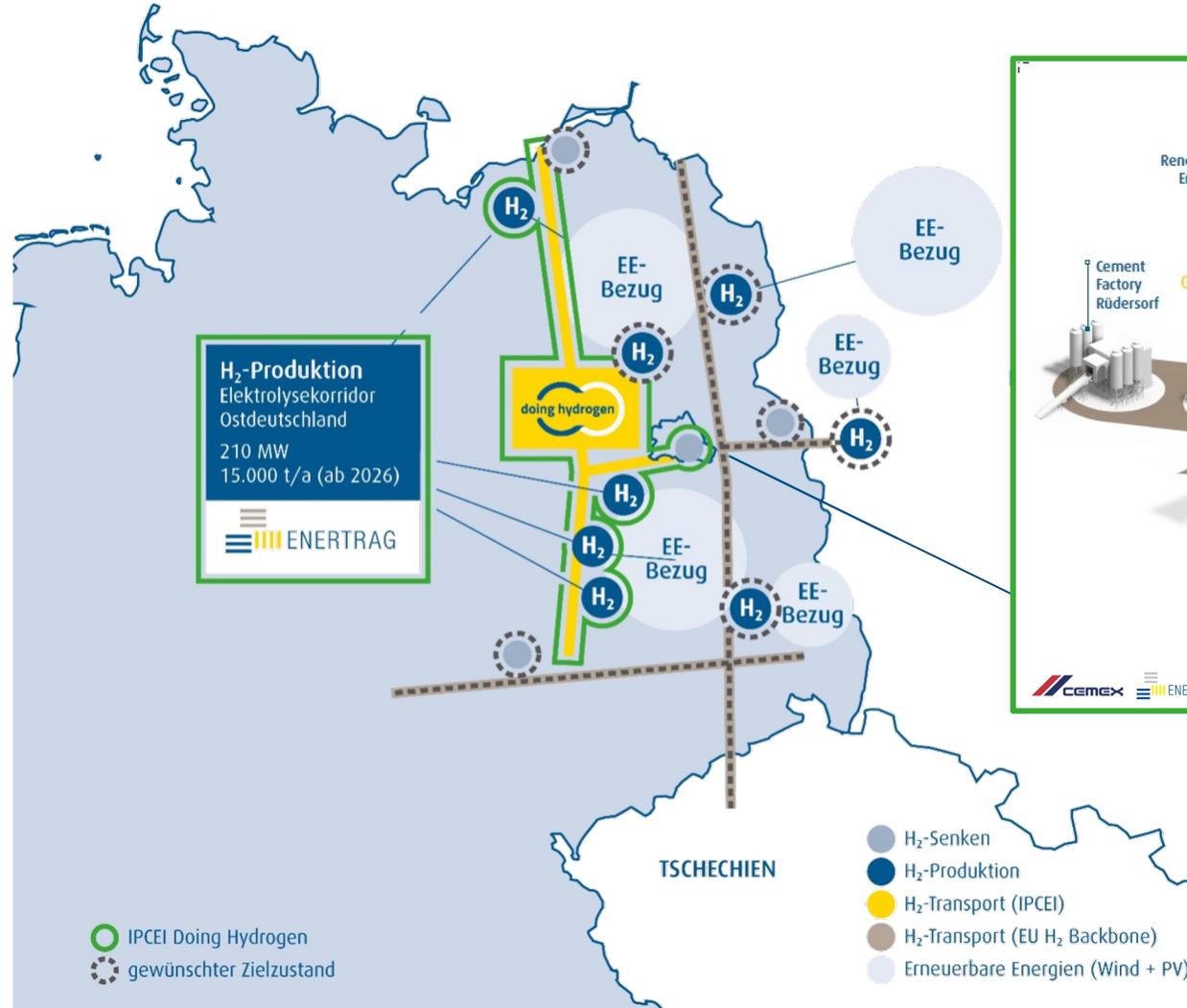
PtX Project in Execution | “Heidekrautbahn” Berlin Germany



PtX Project in Execution | Decarbonization of Local Industry Germany



Project Development | Hydrogen Infrastructure Germany



Project targeted 2027
 Hydrogen demand 15,00 Mt/a
 eCrude-Production 35,000 Mt/a

Good Partners are crucial

What we seek

- OEM's
- Innovative Technologies and Concepts
- System Provider
- System Integrator
- EPC's
- Engineering Support
- Consulting



Let's go together one energy ahead.

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