

H₂ELLO

31 May 23

HA-IB Stockpicker Summit 2023

**Der DAX 40, EUROSTOXX 50 und der Green Deal
Webinar**





OUR VISION

**“We want to be a leading player
in the German and international
green hydrogen markets”**

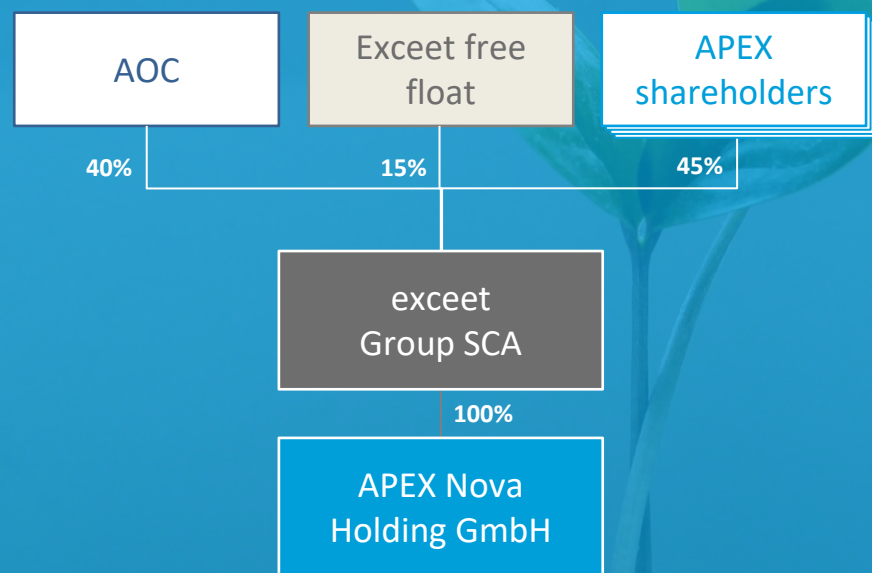


OUR MISSION

**“We use green hydrogen to build
efficient and competitive solutions
for a decarbonised world”**

CREATION OF LISTED PURE PLAY GREEN HYDROGEN PIONEER

Exceet¹ in process to fully acquire APEX²



- Transformative transaction for Exceet (expected to close in Q2 2023)
- Valuation: EUR 120m for 100% of the equity of APEX
- Exceet to remain incorporated in Luxembourg and listed in Frankfurt

1) exceet Group SCA

2) APEX Nova Holding GmbH including its subsidiaries.

Clear path to professionalise operations and accelerate growth

Management to be strengthened by experienced CFO and CTO

Expansion of Supervisory Board including industry experts

Approx. € 70m of cash available at APEX for driving growth strategy

Access to capital markets for future funding requirements

Objective to increase free float and liquidity over time



APEX[®] GROUP



**SYSTEM
INTEGRATOR &
OPERATOR FOR 3RD
PARTY PROJECTS**



**OWNER & OPERATOR of
APEX H₂ Portfolio**

H₂-PROJECTS



**SINGLE
TANK**



TRAILER



**CHEMICAL
STORAGE**

H₂-STORAGE

LEADING DEVELOPER, OWNER & OPERATOR OF H₂ PLANTS

ADVANTAGES OVER OTHER PEERS



First revenues from awarded over 15 MW projects (~EUR 4m in 2022, > EUR 15m in 2023)



Total investments of > EUR 50m made to date in Rostock-Laage site



2 MW H₂ plant, fuelled by 11.5 MWp owned solar PV park



> 1.7 GW tangible project pipeline (~50 projects)



EU flagship project: Awarded 100 MW project (c. EUR 199m investment, > 80% to be publicly funded, ~EUR 45 m sales p.a.¹)

1) Assuming 7,500 t H₂ sales / p.a. at average sales price of EUR 6 per kg.

COMPREHENSIVE HYDROGEN SOLUTION OFFERING

- Development of holistic hydrogen solutions
- Ownership and operation of hydrogen plants
- H₂ logistics including storage, filling and trailers

ESTABLISHED TRACK RECORD SINCE FOUNDATION IN 2012

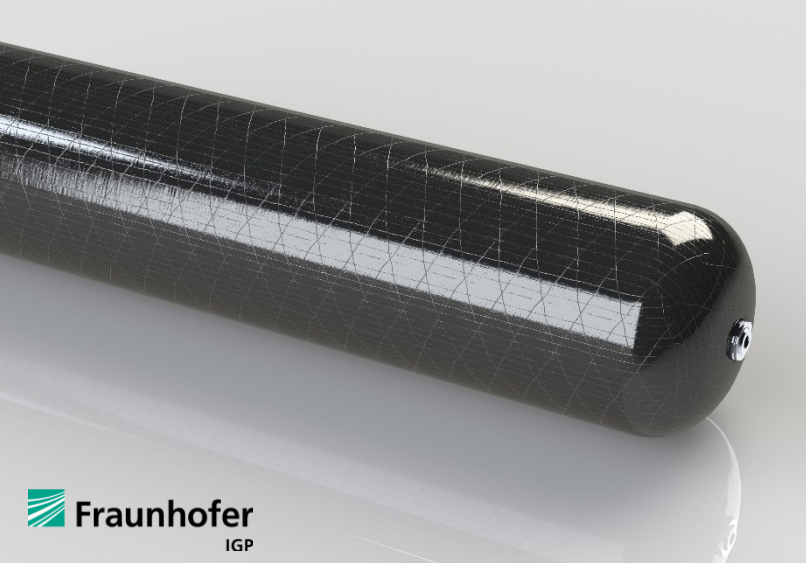
- Germany's first grid-connected hydrogen plant
- Unique database of operational plant data
- nearly 100 highly skilled and motivated employees

STRONG NETWORK AND PARTNERSHIPS

- Long-lasting relationships in industry / government
- Strong ties to academic institutions



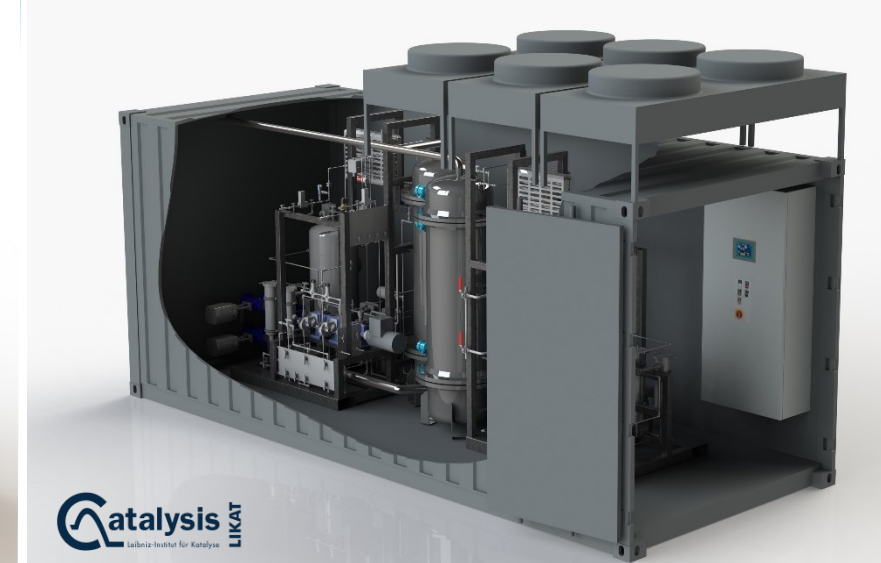
HYDROGEN STORAGE



**STATIONARY
COMPRESSED GAS
STORAGE**



**PORTABLE COMPRESSED GAS
STORAGE & FUEL STORAGE
SYSTEMS**



CHEMICAL STORAGE



EUROPE'S LEADING HYDROGEN PARK AS STRONG ASSET BASE

More than EUR 50m invested in strategically located state-of-the-art facilities



24 ha

Future 100 MW H₂ERO
electrolysis site¹
(IPCEI project)

infrastructure for
200 MW

APEX hydrogen
refuelling station

Facility let to
corporate customer
(Rhodius)

11.5 MWp
PV park
(owned by APEX)

2.5km

2 MW APEX
hydrogen pilot plant
expand to 12 MW

APEX corporate
headquarter

1) 100 MW H₂ERO project part of IPCEI "Doing Hydrogen" to be built by 2027.



Fuel Cell

H₂-Storage

Battery Storage

2 MW

H₂-Powerplant

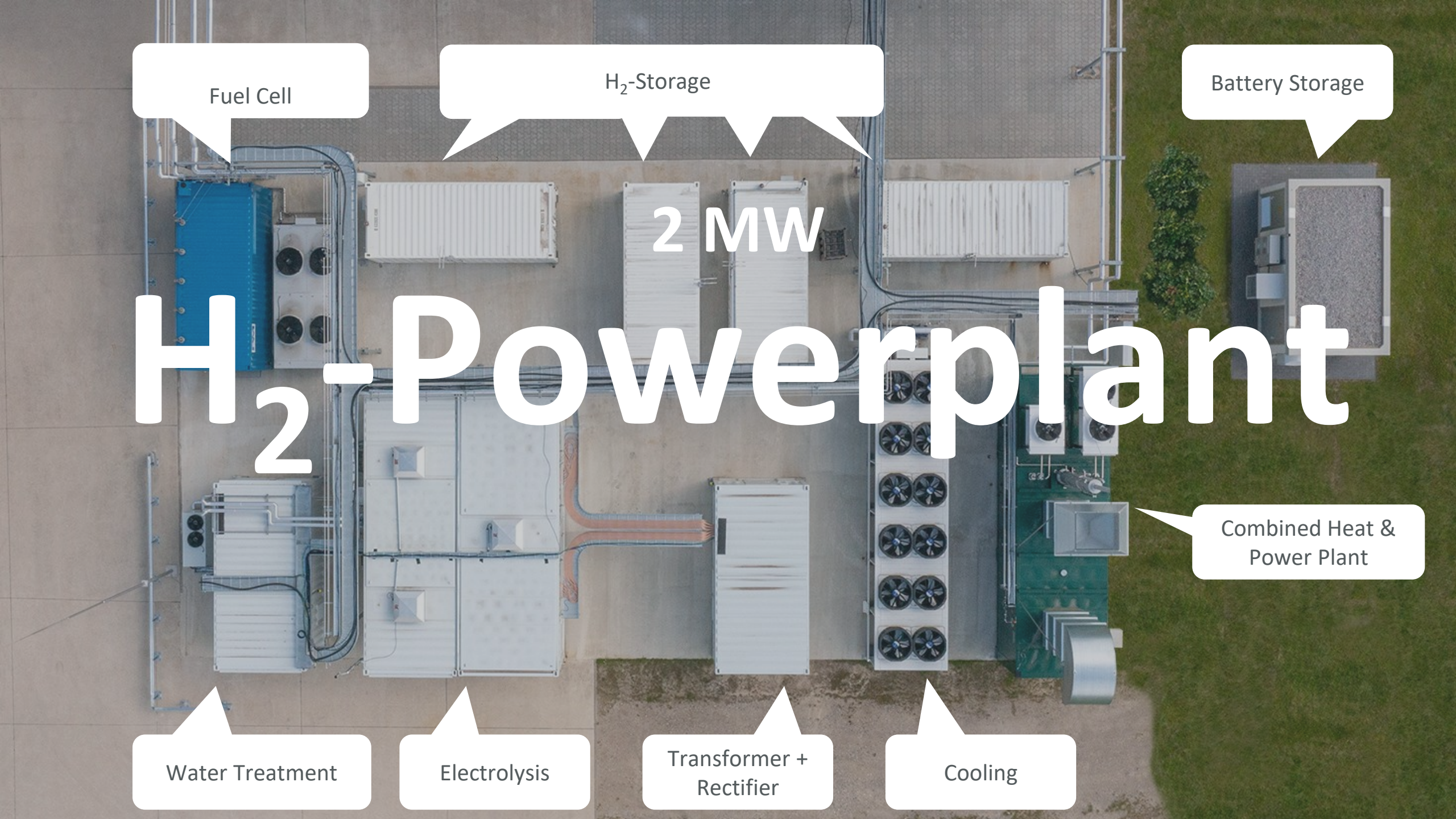
Combined Heat &
Power Plant

Water Treatment

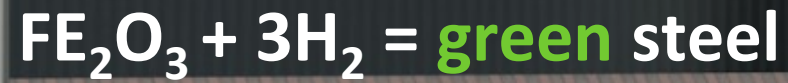
Electrolysis

Transformer +
Rectifier

Cooling



CO₂-NEUTRAL STEEL PRODUCTION



PROJECT DATA:

Electrolysis capacity: 10 MW

H₂-Storage: 600 kg

Production capacity: 180 kg/h | 1,500 t/y

Usable oxygen:

CO₂-Reduction:

Implementation:

1,440 kg/h

21,000 t/y

24 Months



ArcelorMittal

EWE

swb

REAL LAB H₂-WYHLEN

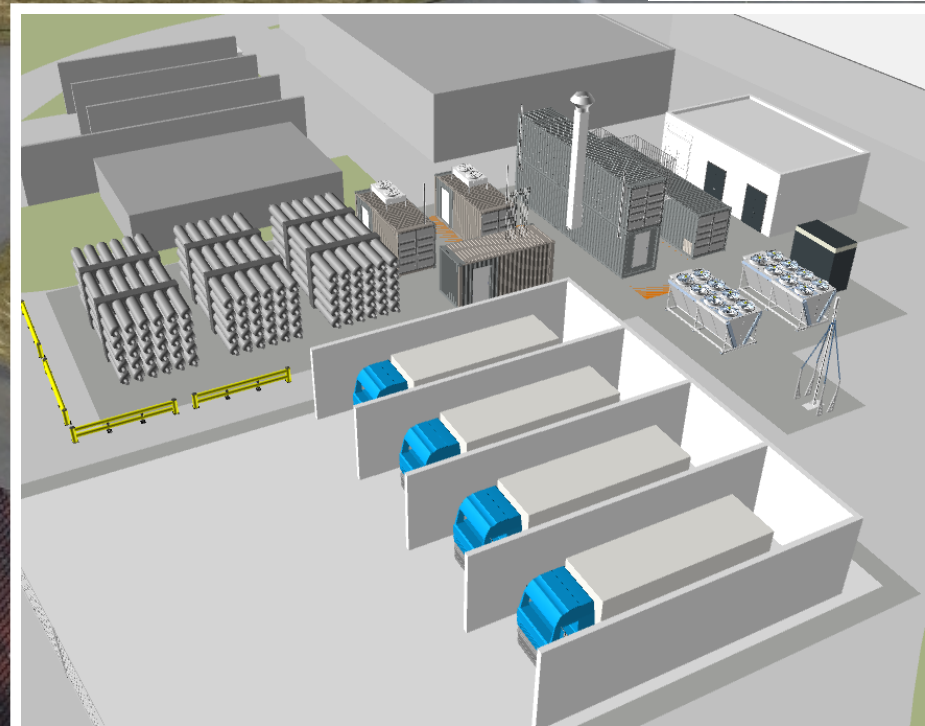
CO₂-neutral production of green hydrogen

Photo credit: Energiedienst



PROJECT DATA:

Electrolysis capacity:	5 MW	Usable waste heat:	approx. 12 GWh
H ₂ -Storage:	approx. 3,300 kg	Trailer filling stations:	4 Stations
Production capacity:	90 kg/h ca. 735 t/y	Implementation:	28 Months



HEIDEKRAUTBAHN

Supply and construction of a **green** hydrogen train refueling station

PROJECT DATA:

- Planning and construction of a train refueling station, Barnim district, Brandenburg
- Commissioning of the filling station, including training for the driving personnel and for plant/operating staff.
- Currently, ENERTRAG will be responsible for the production supply and delivery of green hydrogen



rebus (longest Offtake agreement in Germany 8Y)

Construction, operation incl. maintenance, repair and H₂ supply of two hydrogen filling stations for 52 buses



PROJECT DATA:

- Construction of two H₂ filling stations: Güstrow/Bad Doberan
- Full operation (incl. maintenance) of the H₂ filling stations
- Purchase quantity of H₂ approx. 2.2 million kg | 300,000 kg/y
- max. H₂ capacity mob. Storage: 1,099 kg
- max. stored quantity of H₂ on site: 2,347 kg



MOBILITY SOLUTIONS

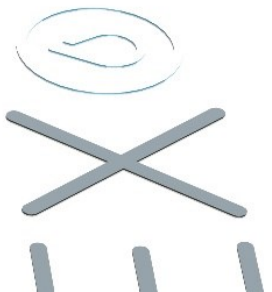
Green H₂-filling stations for cars, buses, and H₂ trailers.



Electrolysis expansion area, e.g.
„rebus“ project

PROJECT DATA:

Electrolysis capacity : 10 MW
H₂-Production rate: 180 kg/h
Filling of trailers for mobility applications.



H₂ERO – INDUSTRIAL SOLUTION

Development of a hydrogen-exclusive gas network

EUROPEAN FLAGSHIP PROJECT: APEX is part of an Important Project of Common European Interest (IPCEI).

DETAILS:

Electrolysis capacity:	100 MW
Hydrogen storage:	direct grid feed
Production capacity:	more than 7,500 t/y H ₂
CO ₂ -reduction:	at least 70,000 t/y
Implementation:	24-36 months



Lubmin

An aerial photograph of the Lubmin industrial site. In the foreground, a 3D architectural rendering of the electrolysis facility is overlaid. The facility consists of several large, dark, rectangular structures arranged in a grid-like pattern, connected by a network of pipes and walkways. The structures are set on a green base, which contrasts with the brown, undeveloped ground of the site. In the background, various industrial buildings, including a large red one, and a body of water are visible. The overall scene depicts a large-scale industrial project in progress.

DETAILS:

- Electrolysis capacity: 600 MW
- H₂-Production capacity: 10,800 kg/h
- electrical connection to the German high-voltage grid via the substation of the decommissioned Lubmin nuclear power plant
- future-proof availability of renewable energy - off-shore wind parks (northeast of Rügen) with direct power connection to Lubmin
- H₂ off-take via connection to future H₂ gas network "FLOW", currently Gas pipelines NEL, EUGAL and OPAL, Gas net access point is NordStream 2

APEX

PROJECT OVERVIEW

Projects/Acquisitions + expected REV

2022

HyBit Bremen

- 10 MW electrolysis plant for first hydrogen project in the German steel industry

Real Lab H₂-Wyhlen

- 5 MW Electrolyser

REV: 15 Mio. EUR (contractually secured)

2023

Rebus

- Construction, operation incl. maintenance, repair and H₂ supply of two hydrogen filling stations

-> **REV: 30 Mio. EUR (expected over eight years)**

- EPC, 2,2 Mio. kg H₂

Heidekraut Train Project

- Supply and construction of a green hydrogen train refueling station

-> **REV: 6,9 Mio. EUR (BY 2023/2024)**

- EPC, one of the first hydrogen-powered rail lines in Germany

PLANT Engineering

- Majority shareholding in engineering company Plant Engineering

-> **REV: 2,1 Mio. EUR (BY 2023)**

- Expansion of the APEX team by 15 highly qualified engineers

STRONG AND RAPIDLY GROWING COMMERCIAL PIPELINE

Tangible pipeline of 50 projects including more than 1.7 GW of H₂ capacity

TOTAL PIPELINE

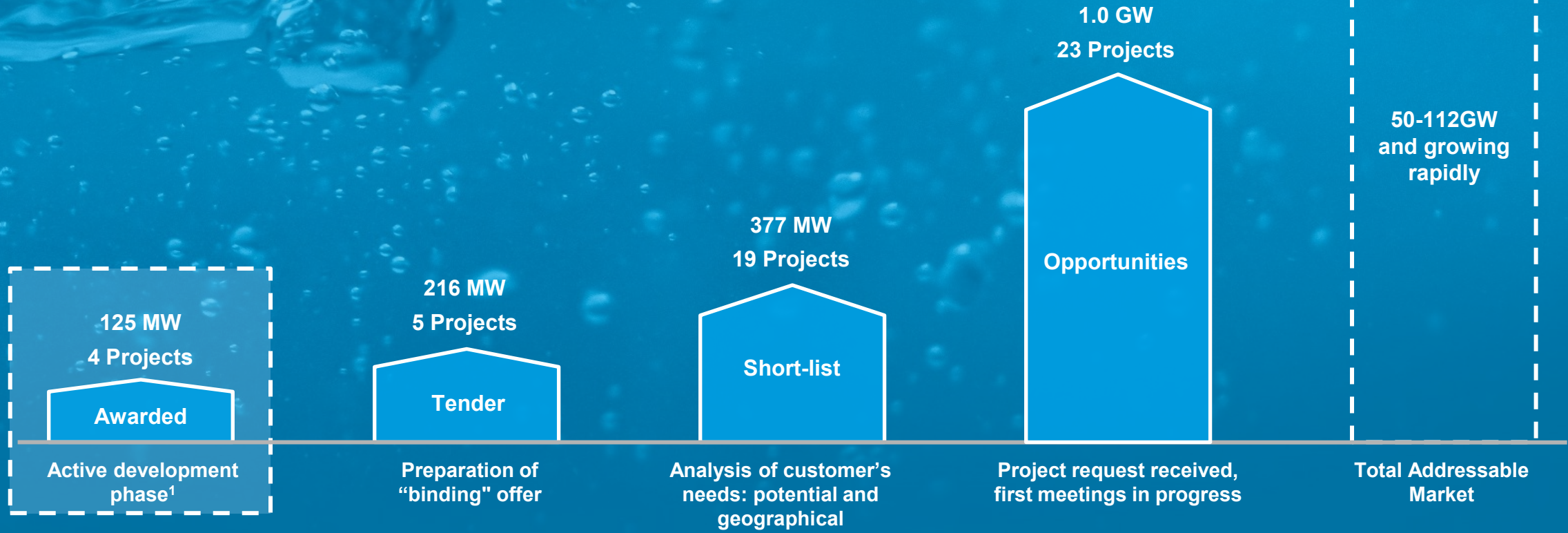
- 50 projects
- > 1.7 GW

RAPIDLY EXPANDING PIPELINE

- was ~300 MW at beginning of 2022
- 4 projects awarded in less than a year

ATTRACTIVE PROJECT SIZES

- 44 projects up to 50 MW
- 6 projects between 50-100 MW



1) Includes Hybit Bremen (10 MW), H₂-Wyhlen (5 MW) and H₂ERO (100 MW)



UNLOCKING SIGNIFICANT VALUE IN HYDROGEN



Clean hydrogen market now at inflection point and poised for exponential growth



Leading H₂ integrator pioneering developing, owning & operating hydrogen solutions



Differentiated business model well positioned to capture market opportunities



Operational 2 MW plant, blue-chip contracts and project pipeline of > 1.7 GW



Clear growth strategy, anchored in sound balance sheet and access to public funding





Green **HYDROGEN**.
Anytime. Anywhere.