



Germany and India



Partners in Green Hydrogen⁺



www.lilinavitas.com



Lili Navitas
GREEN ENERGY

Introductory Remarks



“

Born Indian, it is for me the biggest pleasure and honor to help bring India and Germany together in achieving climate targets and become self-sufficient in their energy needs.

Kiran Bhojani - Founder and CEO

Our Vision

Germany and India work together in solving the climate problems while satisfying the energy needs for both countries in the long run.

Our Mission

Bring German technology and extensive know-how in green hydrogen to India. This will enable Indian companies to enter the green hydrogen market on a larger scale including export opportunities to Germany/Europe.



Kiran Bhojani

Founder & CEO

-
- 17 years Executive Vice President at E.ON
 - 10 years Investment Banking
 - 4 years Green Hydrogen



Gerd J. Lamers

Executive Director
Green Hydrogen

-
- 15 years in Renewables
 - 5 years in Green Hydrogen
 - Evaluated over 200 Green Hydrogen Projects - Worldwide



Jan Andreas

Anleg – Founder & CEO
+25 Engineers

-
- 30 years of Hydrogen experience
 - Green Technology Expert
 - Hydrogen Mobility Specialist



Off-Takers for Green Hydrogen from India to Europe

- Planned Project including the entire value chain from hydrogen to ammonia
- Off-Takers lined up for green ammonia and methanol



Project Developer for Green Hydrogen

- Part of the team which built the first 100% renewable Hydrogen power plant in Europe
- Simulation systems for the whole Hydrogen value chain



Cooperations with major Utilities and Hydrogen Players in Germany

- Top management contacts to speed up all your requirements



Eco system for the entire Hydrogen Mobility Sector

- Application integration for Hydrogen mobility – Heavy Duty
- Top technology partner willing to produce in India



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ETERNAL
POWER

Partners for Green Ammonia Off-Take



OUR MISSION

Building a global green hydrogen producer to accelerate the decarbonisation

ETERNAL
POWER



FORWARD TO A GREEN FUTURE

global mass production of green hydrogen

One Stop Shop



Project development



From securing the best locations for low-cost productions ...

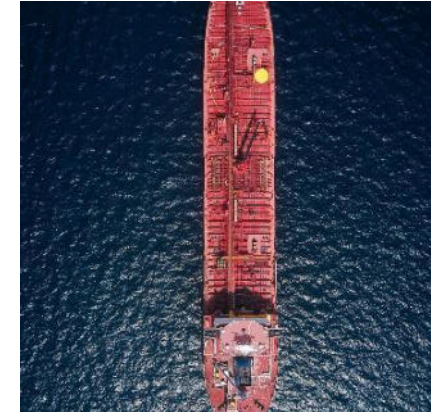
Project finance



Operations



Sales & logistics



... to delivering the green hydrogen or derivatives to our customers.

**VALUE PROPOSITION: ONE-STOP-SOLUTION FOR GLOBAL SUPPLY OF GREEN HYDROGEN
+ RISK & PORTFOLIO OPTIMIZATION RESULTS IN TRADING OPTIONALITY**

MANAGEMENT TEAM & FOUNDERS

Our management team is supported by internationally renowned industry experts



Dr. Moritz Schwencke (CEO, MD, Co-Founder)

- Focus: Strategy & Business Development, Investor relations
- 10+ years in RE development
- Responsible for Wind Portfolio of 750 MW



Fabian Floto (MD, Co-Founder)

- Focus: Offtake Partners, Project Acquisition and logistics
- 20+ years in shipping and global supply chain
- Founding and building of Build Investments



Robert Meitz (MD, Co-Founder)

- Focus: Corporate Development, Fund Raising, Marketing & PR
- 12+ years in strategy and transformation
- Formerly partner at BLC (McKinsey Spin-Off)



Arne Sanne (MD, Co-Founder)

- Focus: Project Planning & Development
- 15+ years in business development, 6+ years with focus on RE
- Establishing the Corporate Solutions business at Blueleaf



Dr. Daniel Gerner (MD)

- Focus: Finance, Legal & Controlling
- 15+ years in finance and M&A
- Building an H₂ subsidiary at GP JOULE



Dr. Frank Mastiaux (Senior Advisor)

- Ex-CEO of EnBW AG
- Executive positions at EON SE, BP plc, Aral AG and Citgo Petroleum Corp.



Nikolaus Krane (Co-Founder via ILOS)

- Co-founder and MD of RE developer ILOS
- Pioneer in the global PV business
- Formerly board member at Conergy AG



Alec Rauschenbusch (Co-Founder via Grazia)

- Founder of Grazia Equity
- Stellar track-record of investing in companies developing into unicorns



Michael Winter (Co-Founder via ILOS)

- Co-founder and MD of RE developer ILOS
- 25+ years in the energy industry
- Commissioning gH₂ plant 2015 in Germany

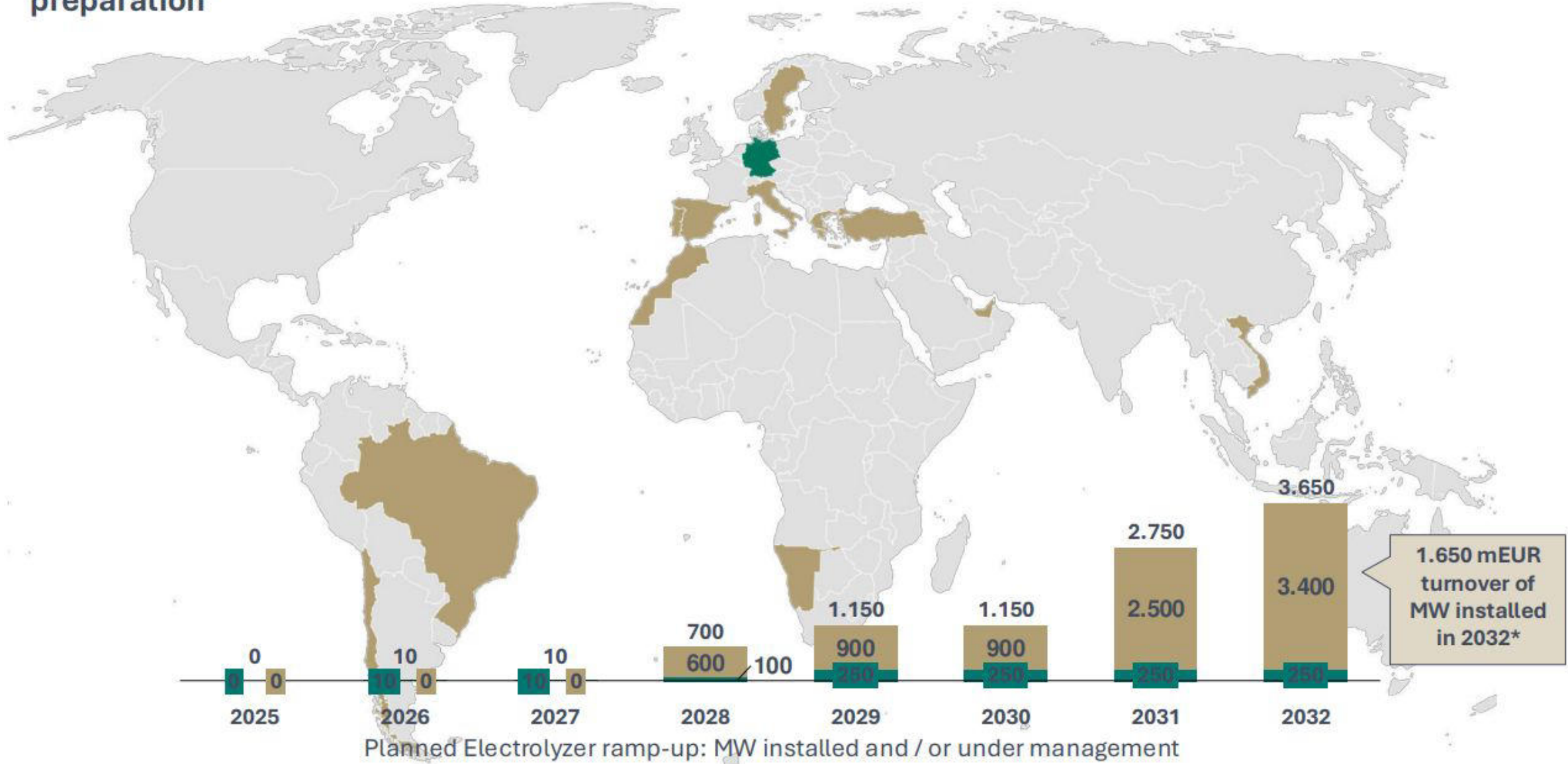


Dieter Ammer (Senior Advisor)

- Founder and ex-CEO of Lichtblick SE and Conergy AG
- Extensive executive experience at Becks and Tchibo Holding AG

PLANNED ELECTROLYSER CAPACITIES

We start producing in Germany and scale with sites in Europe – global expansion in preparation



* Revenue of SPVs developed by Eternal Power shared with infrastructure owners and debt

Partnerships and Business Relations

Built a strong network of highly relevant partners



Key Highlights:

- ✓ Off-take service agreement for green Ammonia signed with **Lili Navitas**
- ✓ **Strong VC investor, pioneer** in Cleantech
- ✓ Investor **ILOS to accelerate** ramp-up with own **4 GW pipeline** in Europe
- ✓ **Strategic partnerships** with three leading **shipping groups** for gH₂ logistics
- ✓ By invitation of **German government: member of hydrogen task force**
- ✓ Member of **H2Global foundation**
- ✓ One **offtake term-sheet** and ongoing meetings with dozens of off-takers

Highly experienced in Transport and Logistics

- Strategic Partner
- Our contact
- About
- Value-add



Laeisz Shipping

CEO / Owner: Niko Schues

- Global leader in Ammonia shipping
- **7 Ammonia Tankers in operation for Yara, leading fertilizer producer with “appetite” for green Ammonia**
- Off-take for fuels (gNH₃)
- Off-take logistics for gNH₃ and other H₂ derivatives
- Preparing pitch for Yara



Hartmann Group

CEO / Owner: Dr. Niels Hartmann

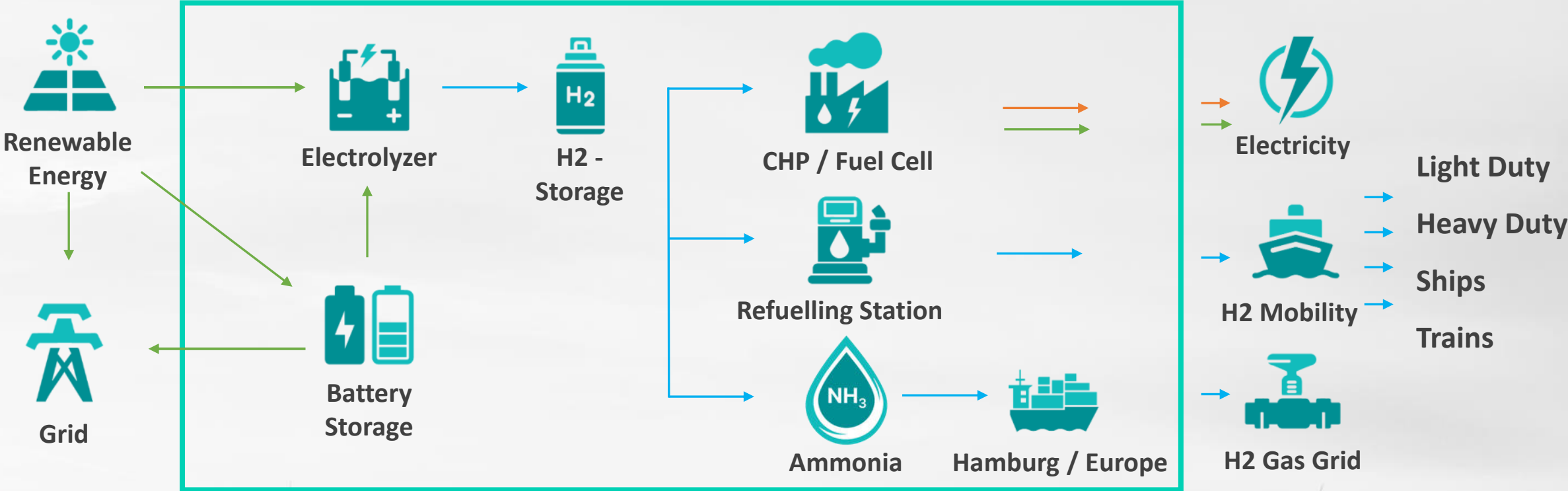
- Global leader in shipping (~130 ships)
- Subsidiary GasChem among global leaders in gas tanking
- First ship with dual fuel engine gNH₃ ordered and to be delivered by 2025
- Off-take for fuels (gNH₃)
- Off-take logistics for gNH₃ and other H₂ derivatives

Leading in gas/
ammonia tanking

Top relation on CEO
level

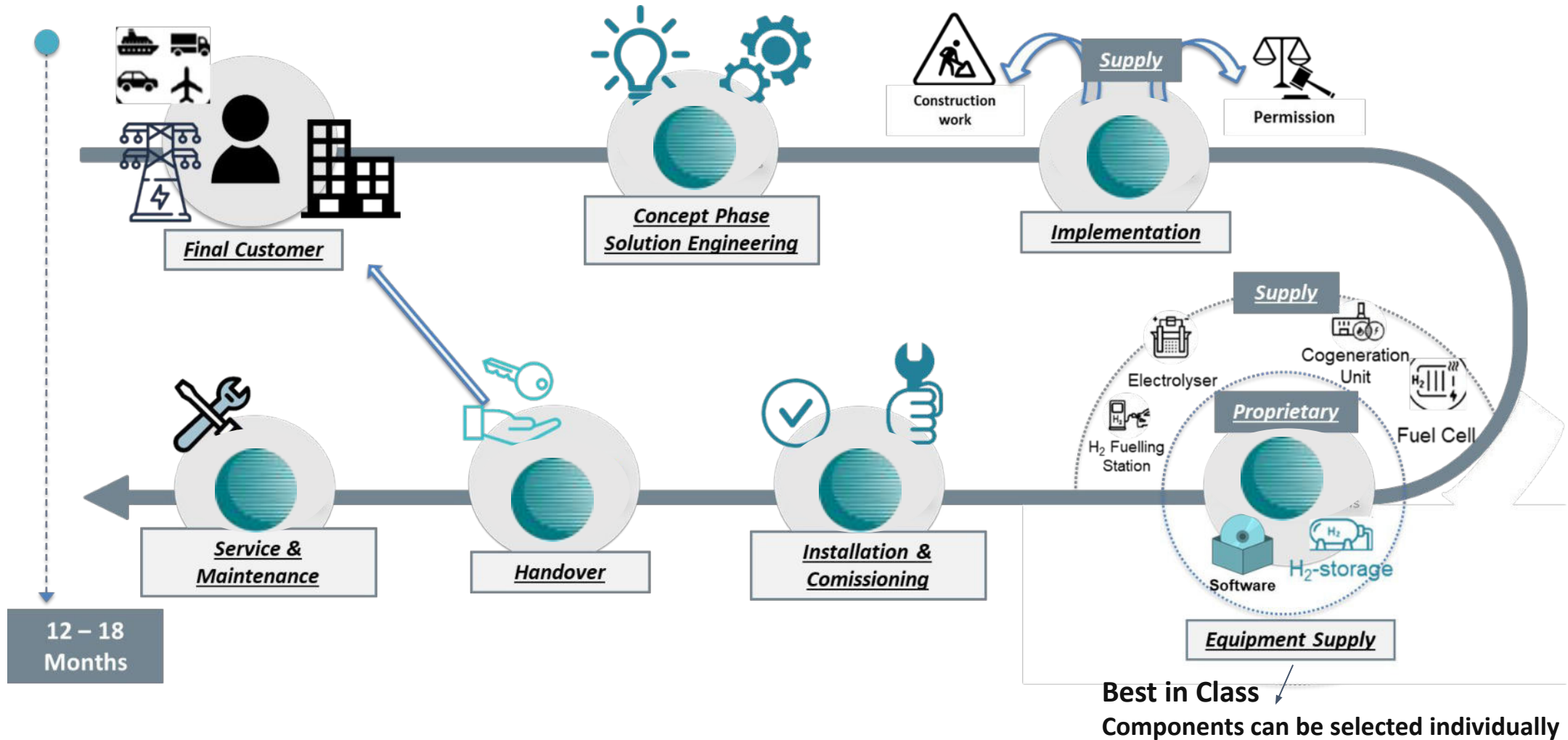
Safeguarding of
ETERNAL POWER's
import focus

Project Development along the Value Chain



Design ➤ **Project Development** ➤ **Planning** ➤ **Purchasing** ➤ **Construction** ➤ **Commissioning** ➤ **Operation**

We engineer integrated Green Hydrogen Solutions



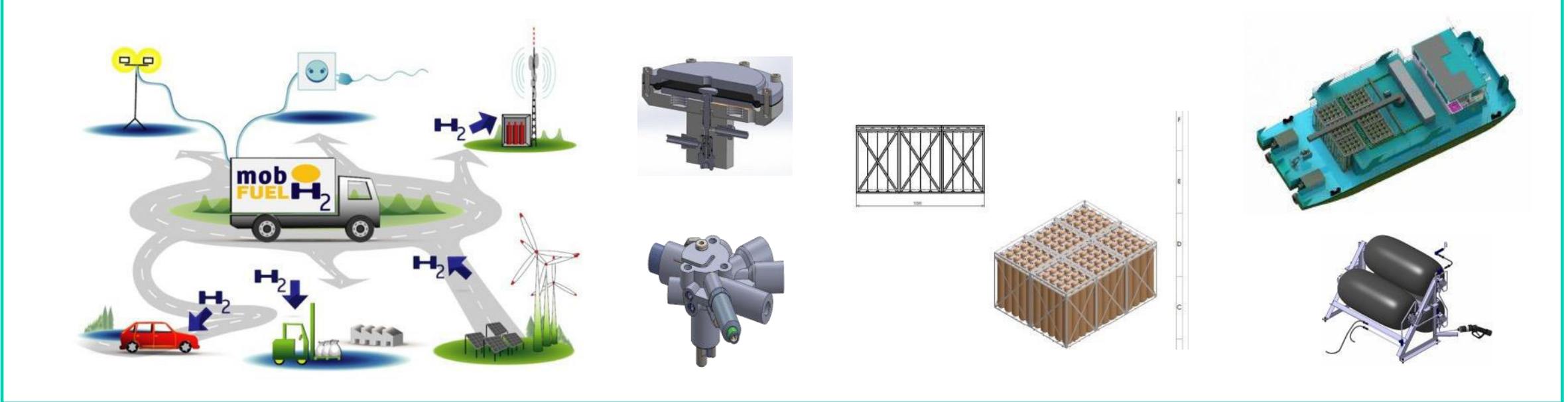


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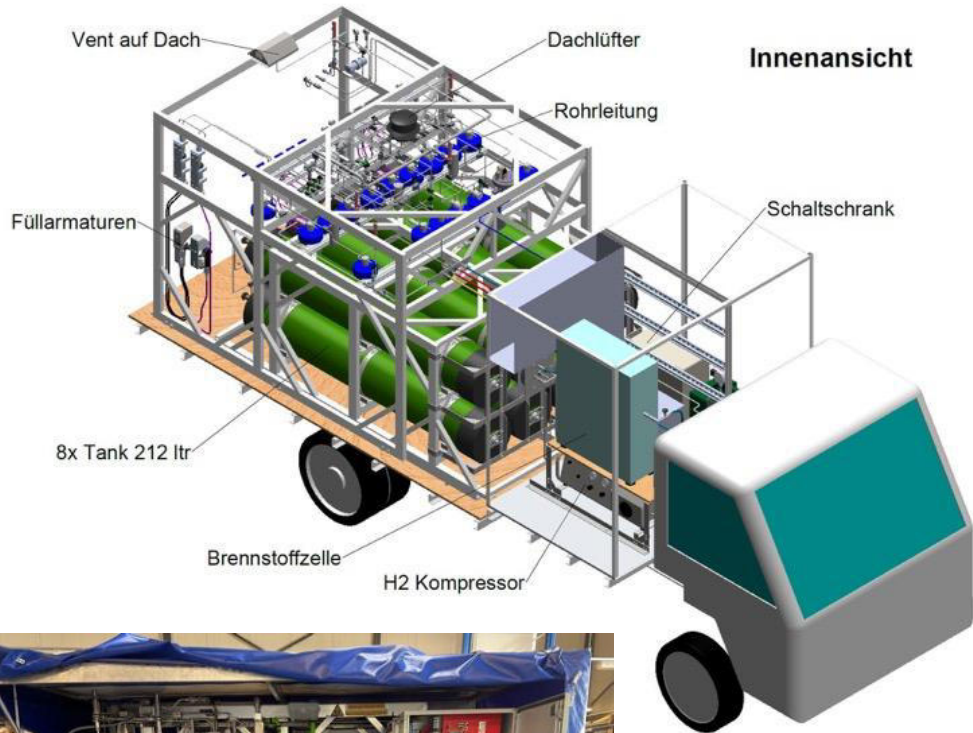
ARGO ANLEG
Advanced Hydrogen Technologies

Partners for Green Hydrogen Mobility





Refuelling Stations Stationary & Mobile



Enaq-Project

Mobile H2-Refueling solution:

(350 bar 700 bar) with on bord
Compressor (0,2kg/h) 4, 6 or
8 x 214 Lx400 bar:= 26,8 kg of
H2, 40,2 kg H2 or 53,6 kg of H2

Mobile Energy supply

2 KW, 5 KW, 10 KW

H2 Rack can be separated from
Trailer

Funded project: ZBT & Anleg

50 kg of H2 at 500 bar 2 x refueling
lines:

350 & 700 bar refueling line

Electrical Compressor

5 KW fuel cell system



Integration of tank-systems into Platform vehicles 40to and busses



MAN Truck Tank-System
development of Tank-System
Gas Handling Unit

**Energy Management of
3 x Fuel Cells, including the
recharge strategy of the Batteries**

- On Tank Valve
- Fire Safety-Solutions
- Increase of security of the H₂- supply
- New communication with the refueling station

Argo-Anleg systems in the Volvo H2-Heavy Duty Ecosystem

Neck mounted tank-system for Heavy duty vehicles

Complete integration of H2 Tanksystem into an existing vehicle, including Control System



Complete Tanksystem & FC-Integration for Mining Trucks



Integration of a tank-system and Fuel cells into a Mining Truck

- 1,2 MW Fuel Cell
- 420 kg H₂ storage

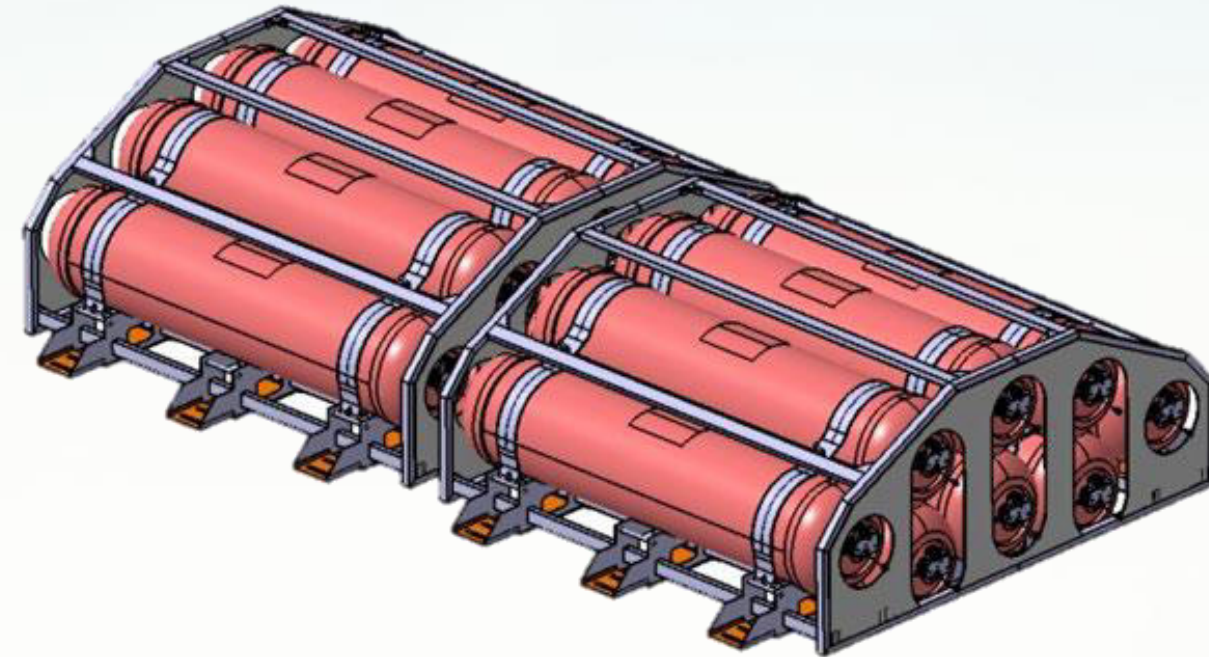


Complete Tanksystem for Trains



Integration of Tank-Systems in Trains

- Tank-Systems
- Gas Handling Unit
- On Tank valve, MOTV



References

Delivered solutions for our customers

Project List of the last years:

- **MAN Truck, Ursus-Bus, Daimler Truck, Volvo Truck**
- **GM** On Tank valve and Gas Handling Unit
- **Magna Steyr:** Tanksystem B-Class
- HDW: H2 Submarine, ATI-Küste: Deep Sea - submarine
- Mobile Filling Station 350 / 700 bar
- Filling Station for hydride storage tanks
- Proton Motor: Tanksystem for H2 Bus, H2 supply for **Linde** Fork Lifter
- Hydrogenics: Fuel Cell Bus Components
- DLR: Test Rigg components for Ariane Espace engine test rigg

ZBT Testbenches for H2 projects:

- ZSW-Ulm: Special differential pressure regulator for H2 of APU
- **Air Liquide, Air Products, Linde**
- **OPEL** solutions for fuel cell driven cars: GHU / OTV
- **AUDI, VW, Volvo Car**, Symbio Fcell, Green GT
- **Siemens** Train: H2 tank-system
- FutureE
- Amsterdam Ship
- Military Projects
- MUV-Range Extender



**DAIMLER
TRUCK**

SIEMENS



**ZODIAC
AEROSPACE**

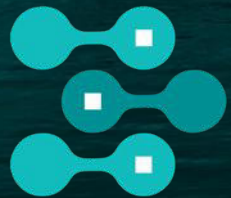




**Off-Takers for Green Hydrogen from
India to Europe**



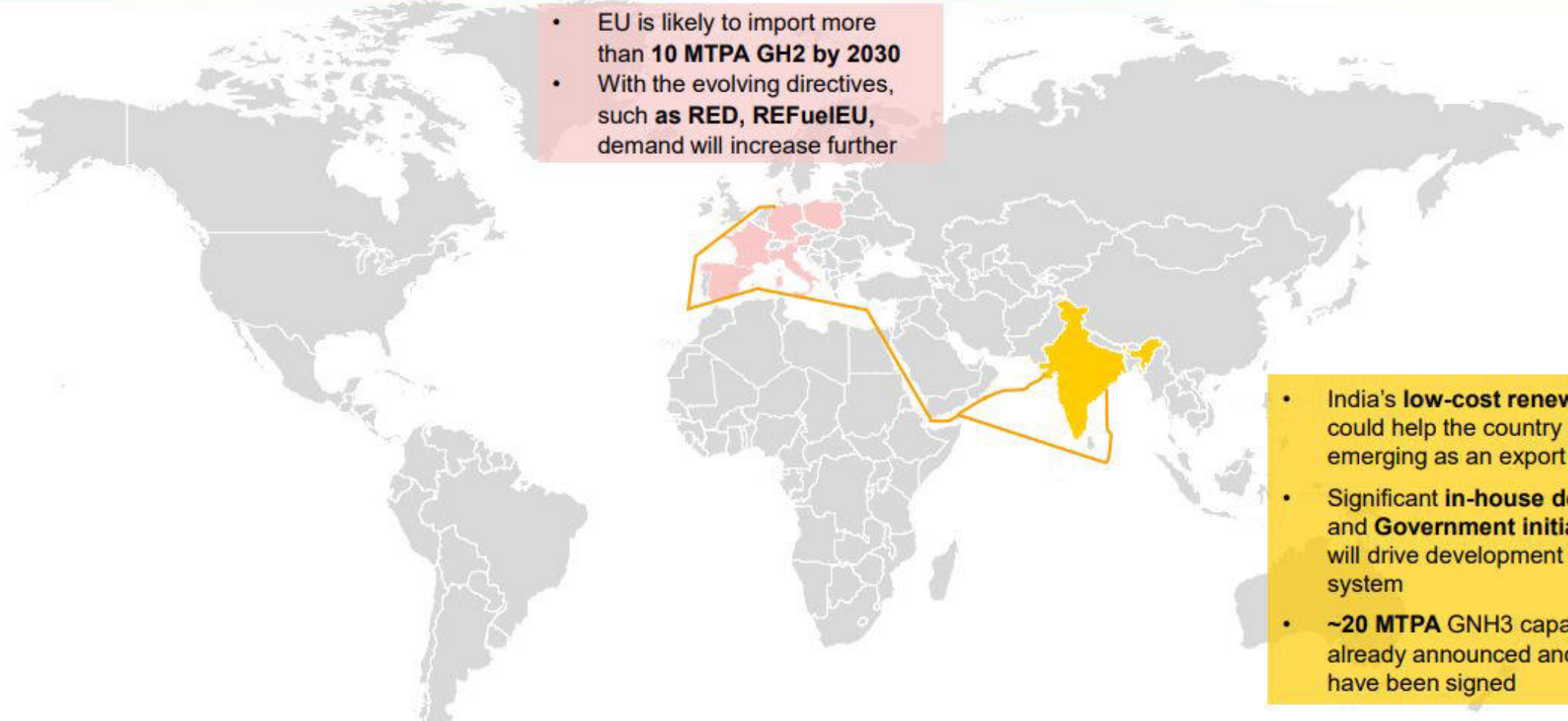
Project Developer along the Value Chain



**Fully developed Hydrogen Mobility Systems &
Solutions**

Backup-Charts

Context: Green ammonia demand from EU offers export opportunity from India



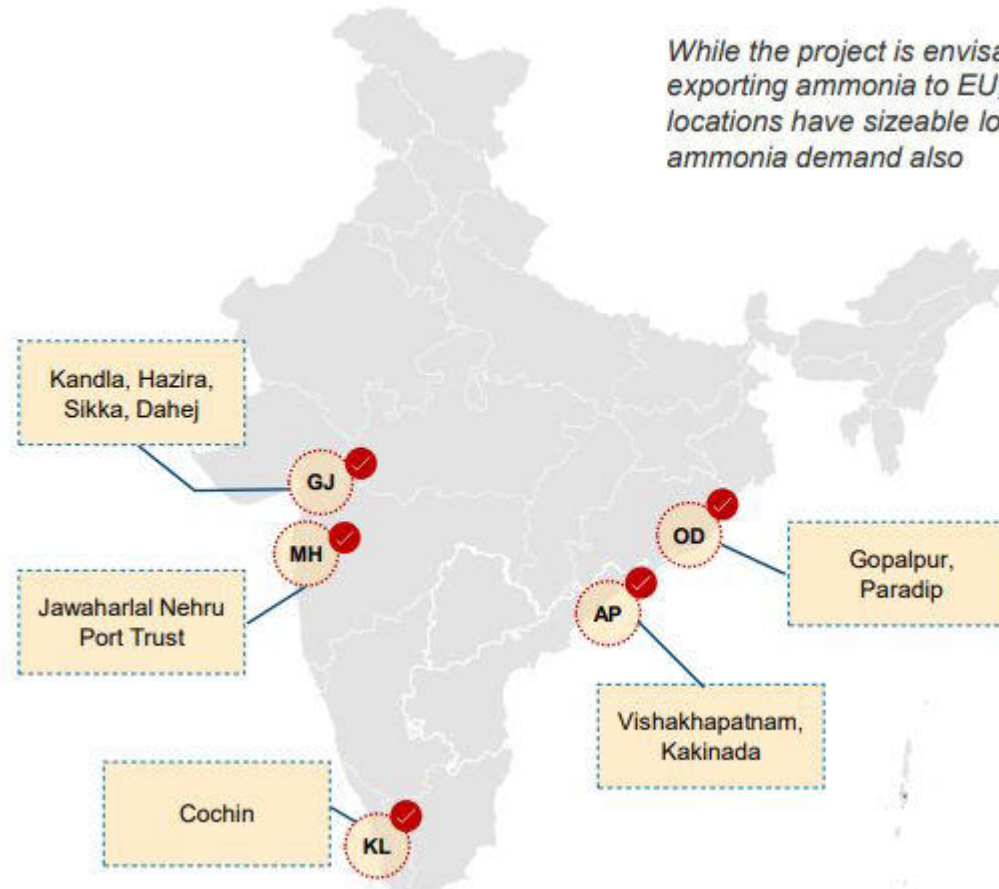
- EU is likely to import more than **10 MTPA GH2** by 2030
- With the evolving directives, such as **RED, REFuelEU**, demand will increase further

- India's **low-cost renewable** could help the country in emerging as an export hub
- Significant **in-house demand** and **Government initiatives** will drive development of eco-system
- **~20 MTPA GNH3** capacity is already announced and MoUs have been signed

A modular approach was undertaken to assess the 5 potential states for ammonia exports to Europe

5 coastal states have been shortlisted for assessment

While the project is envisaged for exporting ammonia to EU, these locations have sizeable local ammonia demand also



Options for seaborne transport of green ammonia from India to Europe

View on vessels availability for globally shipping ammonia

- 114 unique vessels (with a cumulative 2.5 Million DWT) were deployed for shipping ammonia over last 2 years
- Cumulative ammonia carrying capacity of the unique vessels deployed in CY 2023 and in CY 2022 add to 1.9 MMT
- 200 LPG tankers in operation with typical storage capacity of $\geq 40,000$ MT are cable of carrying ammonia at full refrigeration
- 20 Large Gas Carriers and 140 Mid Size Gas Carriers in service
- 1,200 LPG tankers could also become suitable for carrying ammonia shipments
- Existing fleet of more than 600 LNG vessels could also handle ammonia post retrofitting
- 19 Very Large Ammonia Carriers new building ships orderbook of 88,000/93,000 CBM each with deliveries commencing from 2026 onwards.