





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

Lili Navitas - Team of Experts





Kiran BhojaniFounder & CEO

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



Gerd J. LamersExecutive Director
Green Technology

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



Jan Andreas

Anleg – Founder & CEO

Hydrogen Technology

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



Marc Schwarzlose
Sundronix – MD

New-Technology

- Green-Technology Entrepreneur
- Diverse Portfolio (Carbon Capture, Solar Manufacturing, Pyrolysis)
- Airline Pilot & Instructor & Quality Officer

Our Core Competencies





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



Import Green Ammonia from India to Europe

 Off-Taker and Value Chain prepared for Green Ammonia from India



Cooperations with major Utilities and Hydrogen Players in Germany

■ Top Management Contacts to speed up all your Requirements

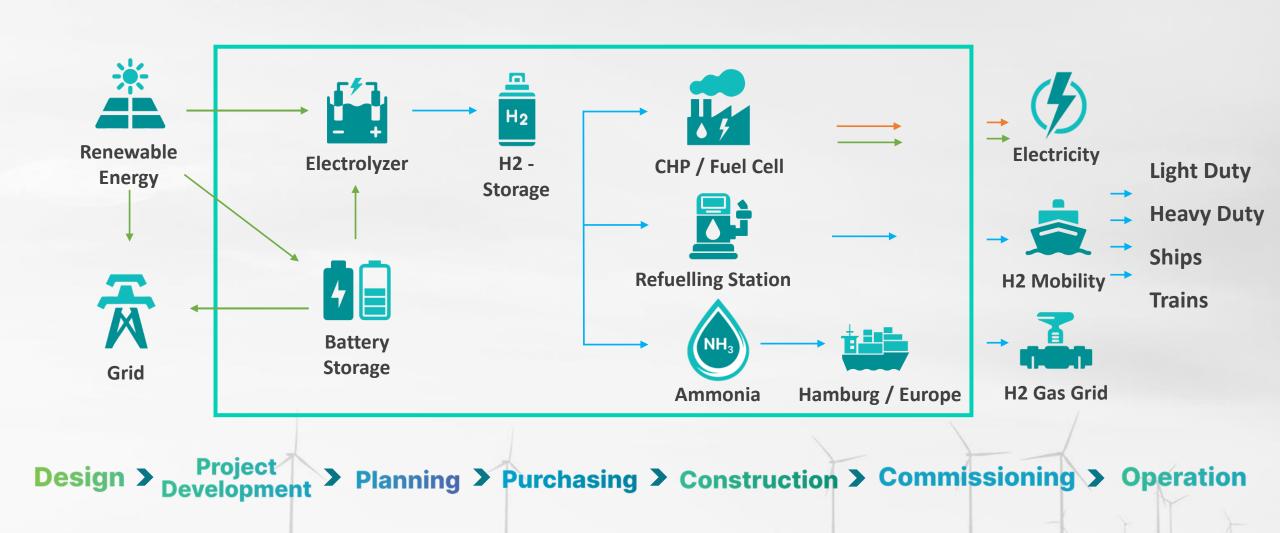


Eco system for the entire Hydrogen Mobility Sector

- Application Integration for all Hydrogen Mobility
- Top Technology Provider looking for Indian Partners

Project Development along the Value Chain







Sundronix – The Door to Europe





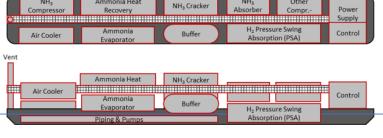
Integrated Project from FOB India to the Customers in Europe

- Integrated Ammonia Supply Chain:
 - Green Ammonia Sourcing
 - Storage
 - Ocean Shipping
 - Inland Shipping
 - Decentralized Ammonia/H2 Cracking
 Technology at point of consumption
 - Generates Local Industrial H2 Offtake
- Strategic partners for the Development: Laeisz Shipping, Duiker

Sundronix – Ammonia Cracking Technology



Ammonia Cracking Barge (Draft) NH₃ Ammonia Heat Recovery NH₃Compressor



Cracked Tonnage: t/h – Ammonia
Cracked Tonnage: t/h – Hydrogen
Cracked Volume: 11.130 Nm³/h – Hydrogen
Length: 70.0 m
Width: 9.5 m (or more)
Drawth: 2.0 m (Loaded)

}— 2.0 m

Ammonia Heat Recovery NH₃ Cracker Absorber Compr. Power Supply Pooler Ammonia Evaporator Buffer Absorption (PSA)

Refrigerated Ammonia Tank Barge

max. 120 hours to empty 1 barge incl. barge mooring at full load operation moored inland port

Hightech to solve the Problems of early technology Adopters

- Cracker landside or seaside (Barge or Ship)
- Integrated Technology
 - NH3 as Energy Source
 - No additional Electricity needed
- In-House Floating Cracker Technology
 - Higher Permission Rate
 - Higher Flexibility
 - Easer to integrate in existing Infrastructure

Ammonia Supply Chain Solutions





Built for Scale

- All aspects of the Value Chain on Scale
 - Production
 - Shipping
 - Conversion
 - Distribution
- Access to the European Market
- Strategic Partners to Scale with You





One-Stop-Shop for Green Ammonia







Argo-Anleg – Competencies in Mobility Lili Navitas ARGO







Proven Technology for World Class Players





BIG in JAPAN:

Argo-Anleg delivers innovative H2 tank system "ICE" for groundbreaking KEYOU-Komatsu project in Japan

World première:

H2 wheel loader from Liebherr with technology from Argo-Anleg





Refueling Stations Stationary & Mobile







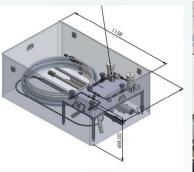
Stationary Refueling Stations

- Designed, Engineered and Built for Best-in-Class
 Operators
- Different Technology/Products available



Mobile Refueling and Overflow-Module

- Overflow-Module for 100% Flexibilty
- Mobile Refueling for any Application







H2 Transportation Technologies











MEGC, MEGC 20", **500kg @ 500bar**, ADR, ADN approval pending

Total per truck: 2 units (1.000kg)

USP's - all **H2Tank-Tainer** supplied with:

- **✓ MOTV**'s
- **✓TPRD**'s
- √TT's
- ✓ PT's
- ✓ Shock sensor
- ✓ Angle sensor
- ✓ Controller with software /cloud monitoring (integrated in ATEX proofed box)
 WiFi, 4/5G SIM card, GPS



MEGC, **126kg @ 500bar**, Transport via 20" ISO adapter ADR approval pending

Note

Storage of 3x H2Tank-Tainer on 1x20ft adapter Total per truck: 6 units (750kg)



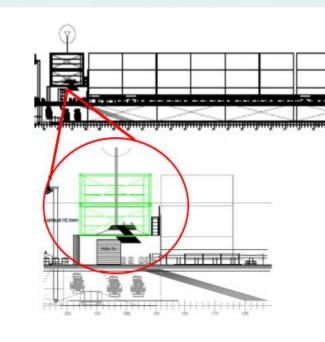
Maritime Applications











Elektra Push-Boat

- Modular H2 bunkering (6x125 kg @500 bar)
- Modules crate-able
- Refueling onshore
- Can supply different harbors

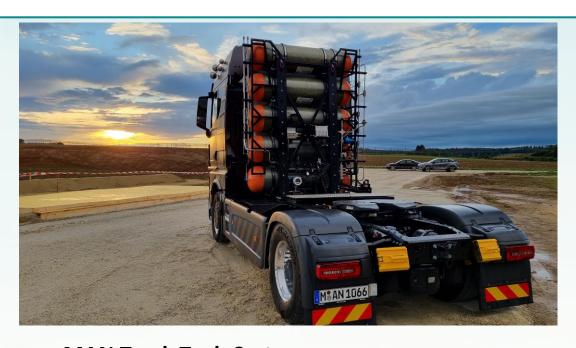
Elektra Push-Boat

- Multi Energy Supply System (400 kW Fuel Cell Modules, H2-ICU retrofit, H2-rotary engine swap)
- Multi-fuel options
- Systems designed for 24/7 operation

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

Complete Tank-System for Trains

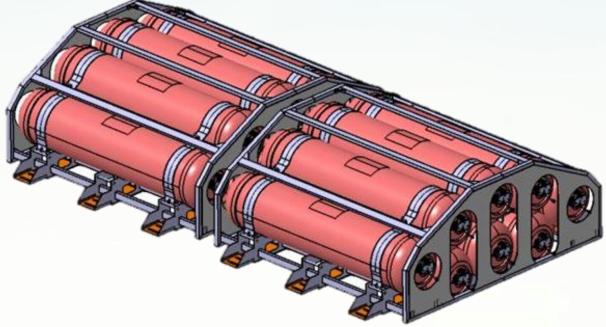






Integration of Tank-Systems in Trains

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



References

Delivered solutions for our customers





- Liebherr & Keyou-Komatsu-Project
- 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 regualtor 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



















Project Developer along the Value Chain



Import Green Ammonia from India to Europe



Fully developed Hydrogen Mobility Systems & Solutions