



# INVESTOR DAY 2023



HYDROGEN  
REFUELING  
SOLUTIONS

**23 / 11 / 2023**

# Disclaimer

**This presentation was prepared by HYDROGEN-REFUELING-SOLUTIONS (the "Company") for the sole purpose of being used at investor presentations.**

**By receiving this presentation and attending this meeting, you acknowledge yourself to be acquainted with the following restrictions.**

This presentation is promotional in nature and does not constitute a prospectus within the meaning of Regulation (EU) 2017/1129 of the European Parliament and of the Council of 14 June 2017 (the "Prospectus Regulation").

Neither this presentation nor a copy hereof, or any information contained therein constitutes an offer or invitation to sell or purchase, or a solicitation of any offer to purchase or subscribe for shares of the Company in any country.

This presentation is delivered to you on a personal basis, solely for your information, and may be used only for the requirements of the Company presentation.

Neither this presentation nor a copy hereof, or any information it contains, may be conveyed, disclosed or distributed, whether directly or indirectly, in the United States, Canada, Japan or Australia, or to any resident of those countries.

Non-observance of any or all of these restrictions may constitute a breach of statutory restrictions governing the offering of financial instruments in the United States, Canada, Japan or Australia. The distribution of this document in other countries may be subject to legal restrictions, and any persons who may come into possession of it must inform themselves of the existence of any such restrictions and comply therewith.

This presentation was prepared by the Company under its sole responsibility. The information shown hereafter has not been independently verified by the Company, its advisers or any other person, and it may be subject to possibly significant updating, additions and revisions.

The Company, its advisers and their representatives shall under no circumstances incur any liability for any loss or damage, whether arising from any use made of this presentation or its content, or in any way connected with this presentation. The Company is under no obligation to update the information contained in this presentation, and any information contained in this presentation is subject to change without notice.

This presentation contains statements about the Company's aims and lines of development. These statements are sometimes identified by the use of the future tense or conditional mood, as well as terms such as "estimate", "have the objective of", "intend to", "expect", "result in", "should" and other similar expressions. This data is subject to risks and uncertainties that may later result in actual results that are substantially different. This forward-looking information does not reflect historical data and as such may not be interpreted as warranties that the facts and data cited will occur, that the assumptions have been verified and the objectives will be met. By nature, these objectives might not be achieved and the assumptions on which they are based may prove to be erroneous, without the Company, its advisors and their representatives being subject to any obligations to update this forward-looking information, subject to applicable regulations. This information about the objectives and any other statements which may be made by the Company from time to time are subject to certain risks and uncertainties linked to the Company's operating performance as well as any other future events and their potential effects on the Company subject to risks and uncertainties, where the Company's results, performances or achievements may differ significantly from future results, performances or achievements expressly or implicitly indicated in these forward-looking statements on objectives. In addition, these forward-looking statements necessarily depend upon assumptions, estimates and dates that may be incorrect or imprecise and involve known and unknown risks, uncertainties and other factors. Accordingly, any forward-looking statements included in this announcement do not purport to be predictions of future events or circumstances and may not be realized.

Except as required by applicable law, the Company assumes no obligation to update any of these forward-looking statements to reflect actual results, changes in assumptions or changes in other factors affecting these forward-looking statements. Nothing contained herein shall be deemed to be a forecast, projection or estimate of the future financial performance of the Company.





- ◆ Hydrogen market & HRS Global Business Strategy
- ◆ Industrial project of the new plant
- ◆ Business model and financial objectives
- ◆ ESG Strategy
- ◆ HRS ambitions in terms of innovation and R&D

# Hydrogen market

Market data

Olivier Dhez, Deputy CEO



# The EU and the US strongly support hydrogen mobility



# Strong acceleration in the supply of hydrogen vehicles

2019



PASSENGER CARS



FORKLIFTS



TRAINS

ALSTOM

2023



PASSENGER CARS



UTILITY VEHICLES



TRUCKS



BUS



FORKLIFTS



TRAINS/LOCOMOTIVES



CONSTRUCTION MACHINES



BOATS/FERRYS

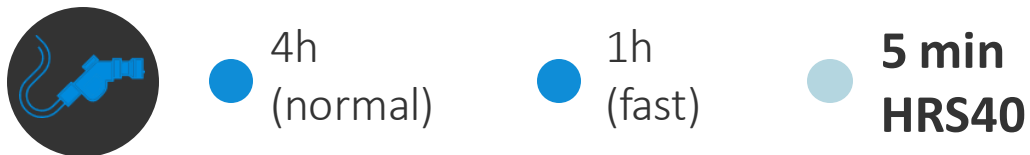
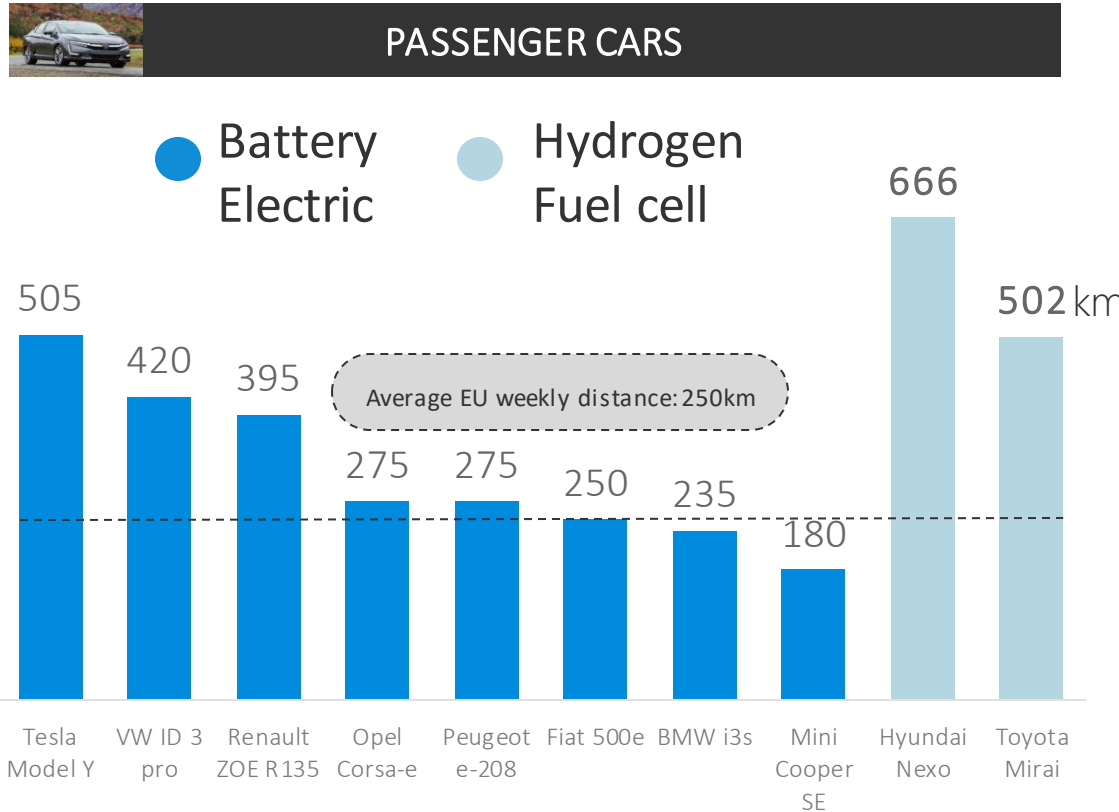


WASHER MACHINES

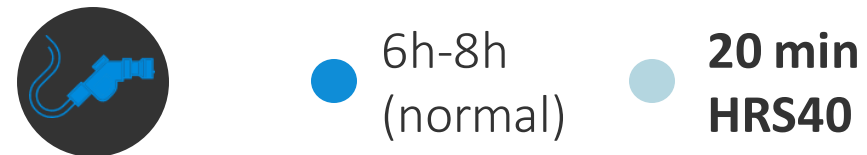
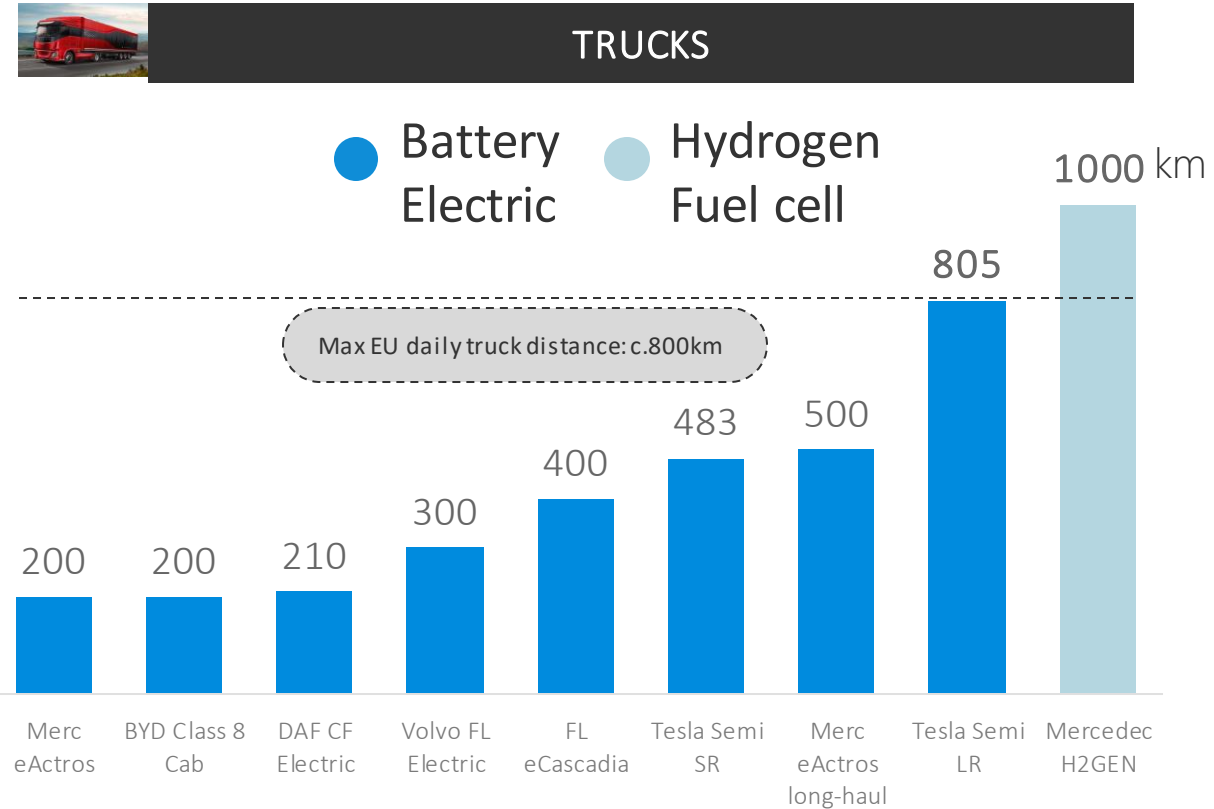


# Technological maturity

Vehicles autonomy distances in kilometers



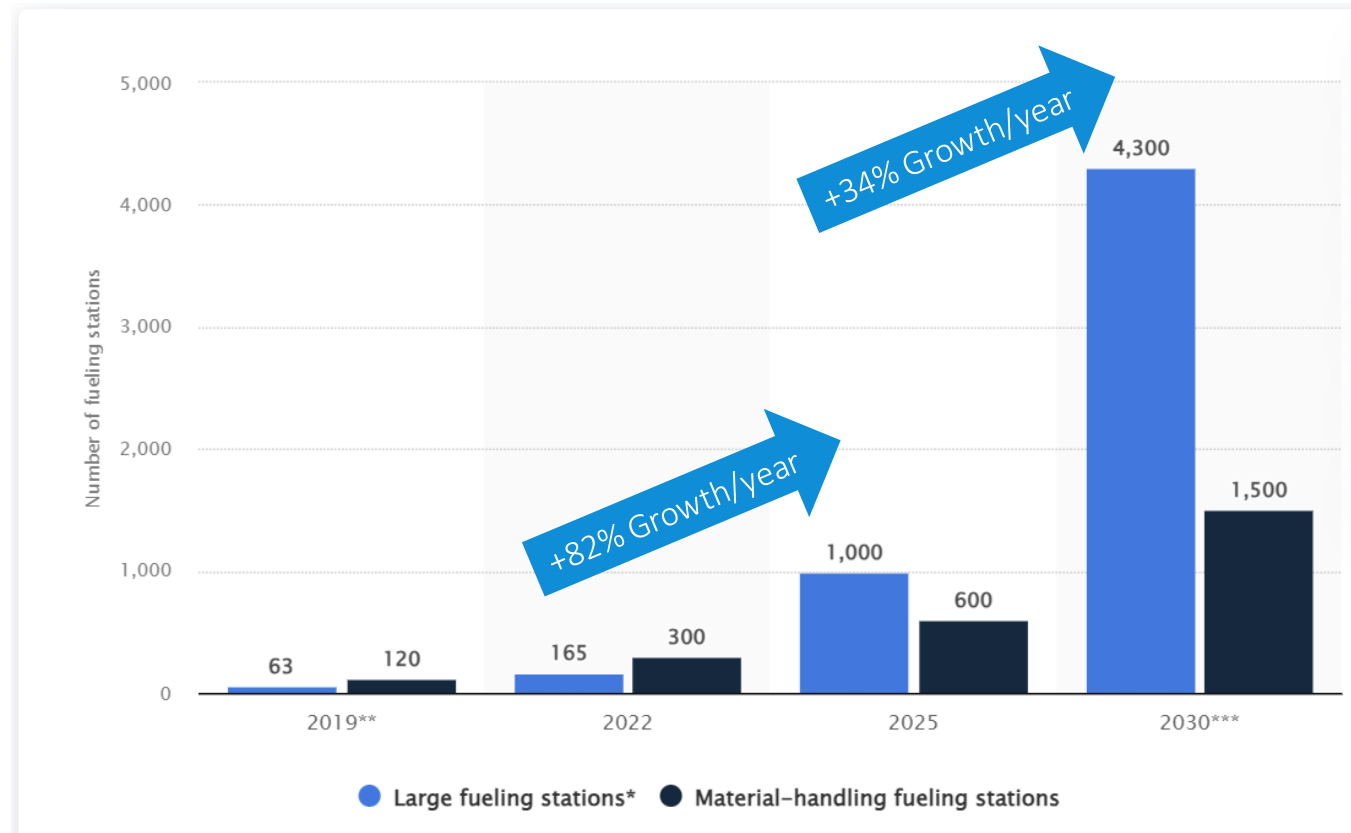
Vehicles autonomy distances in kilometers



Sources : Goldman Sachs, Carbonomics, « The Rise of Clean Hydrogen », HRS, TP ICAP Midcap

# U.S. Market for hydrogen refueling stations

💧 Promising market with exponential growth potential to 2030



4300

Number of large stations in the U.S. by 2030

1000

Number of large stations in the U.S. by 2025

\* Large fueling stations: hydrogen fueling stations with 1,000 kilograms daily capacity in 2030 and 500 kilograms daily capacity in 2025; utilization relative to steady state.

\*\* 2019 figures comprises 47 public and 16 private fueling stations and excludes temporarily unavailable stations.

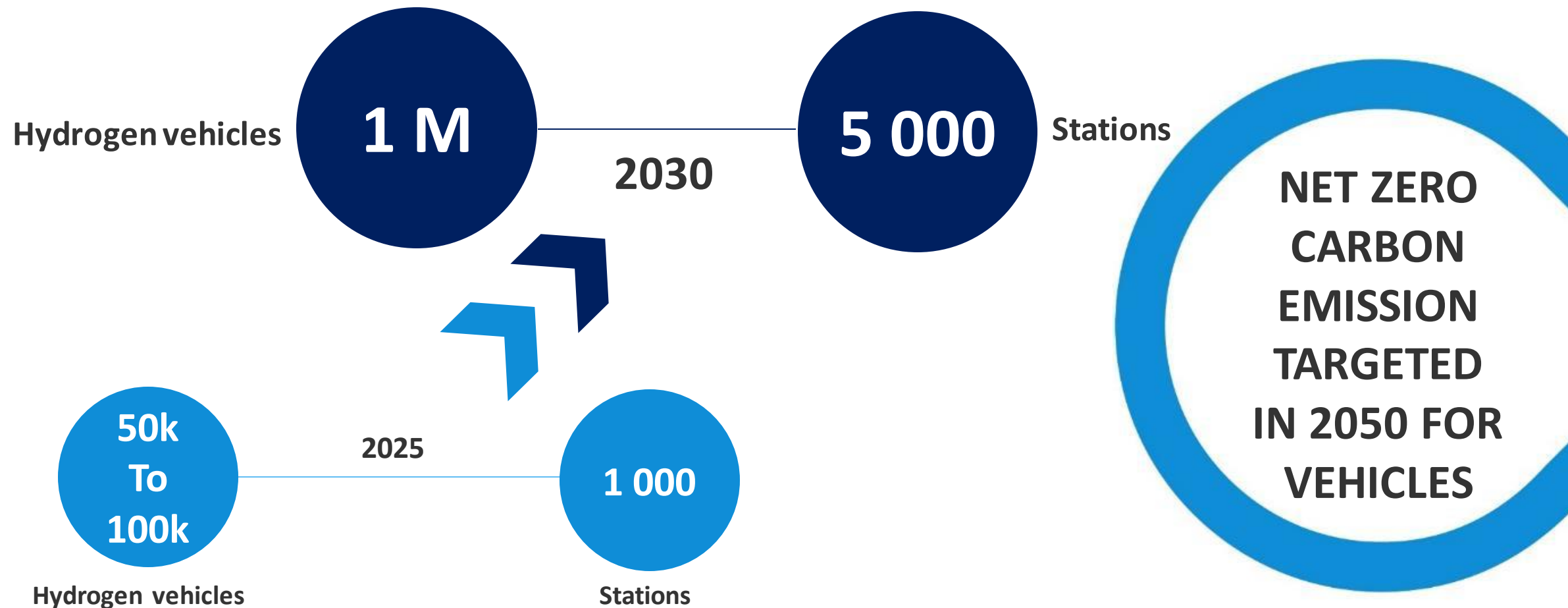
\*\*\* Figures for 2030 considers an ambitious deployment scenario.

Source: <https://www.statista.com/statistics/1179571/us-number-of-hydrogen-fuel-stations/>



# Largest market for hydrogen infrastructure : China awakening

⦿ Major ambition contemplated by the Chinese government's plan



Source: IEA – [www.ieafuelcell.com](http://www.ieafuelcell.com) – July 2022 – Deployment of Fuel Cell Vehicles and Hydrogen Refueling Station Infrastructure: A Global Overview and Perspectives

# Promising market for hydrogen infrastructure : Middle East

Minimum stations  
**200**  
By 2030

**JV under discussion for  
distribution, and  
maintenance services**



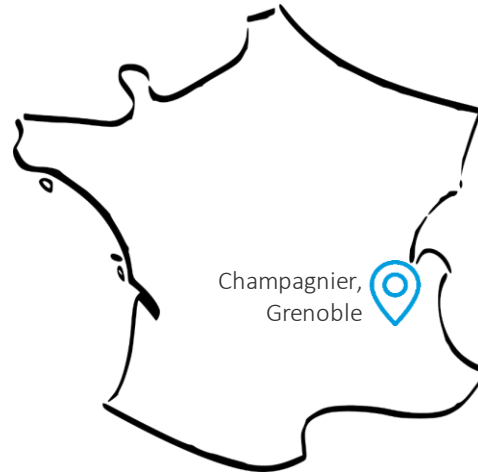
# HRS Global Business Strategy

Introduction | Market | International

Olivier Dhez, Deputy CEO



# HYDROGEN REFUELING SOLUTIONS



2004

INDUSTRIAL PIPING  
ENGINEERING



2009

HYDROGEN  
STATION  
INTEGRATOR



2019

DESIGNER &  
MANUFACTURER OF  
HYDROGEN STATIONS



23/11/23

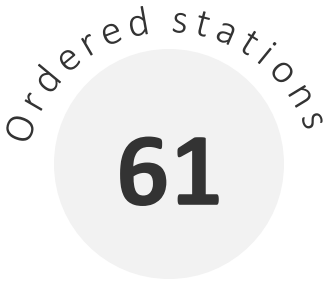
Hydrogen Refueling Solutions Investor Day – 23 November 2023



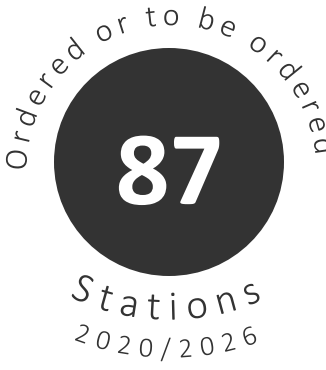
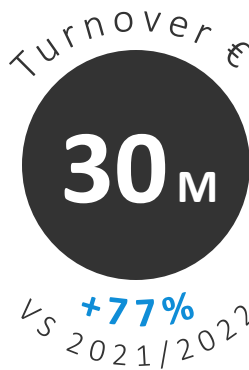
# HRS ambition

## EUROPEAN LEADER IN HYDROGEN REFUELING STATIONS

2021/2022:



2022/2023



by 2025:



# HRS position in the hydrogen value chain

HYDROGEN  
SOURCES

→ **HYDROGEN REFUELING STATION**

Hydrogen compression, storage and distribution

→ **VEHICLES**



PIPELINE



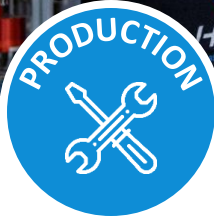
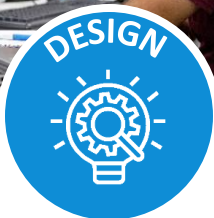
ELECTROLYSIS



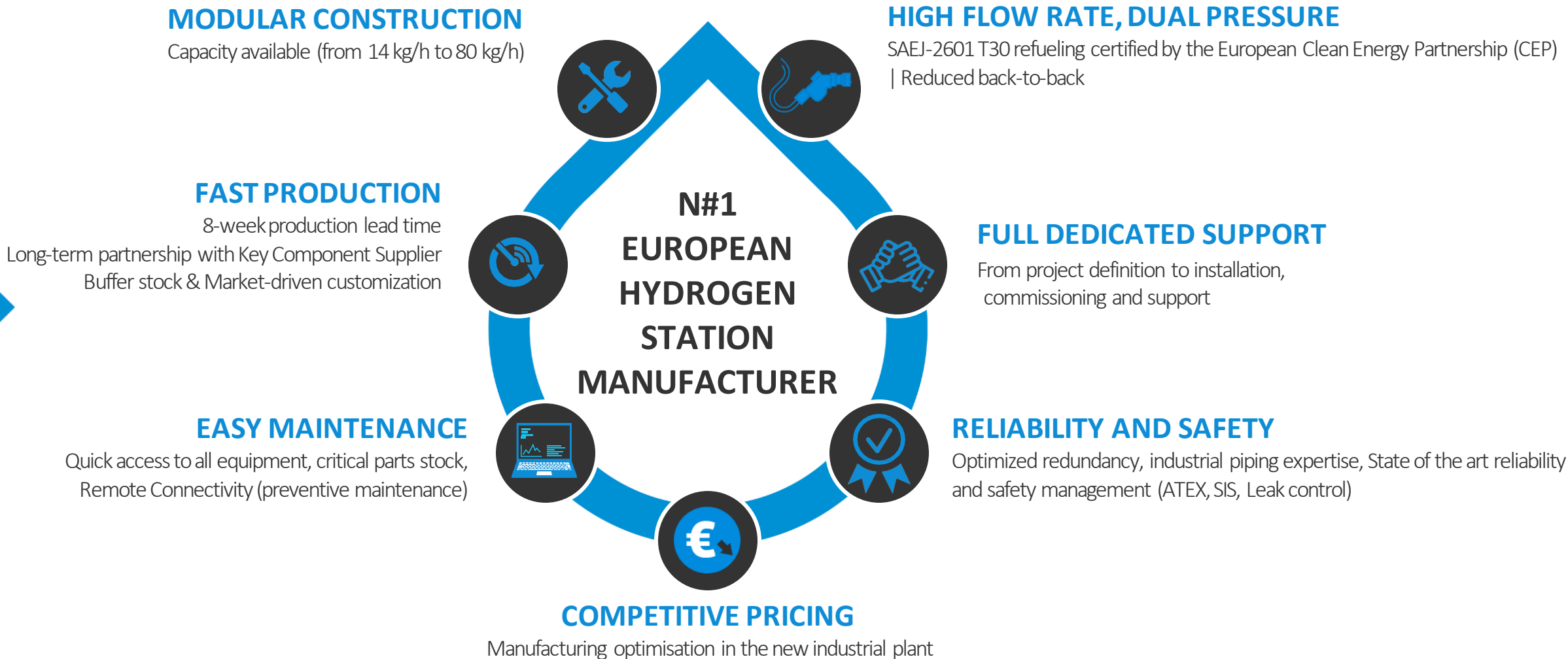
TUBE TRAILER



**H<sub>2</sub> STATION PURE PLAYER**  
« **TURNKEY** » OFFER

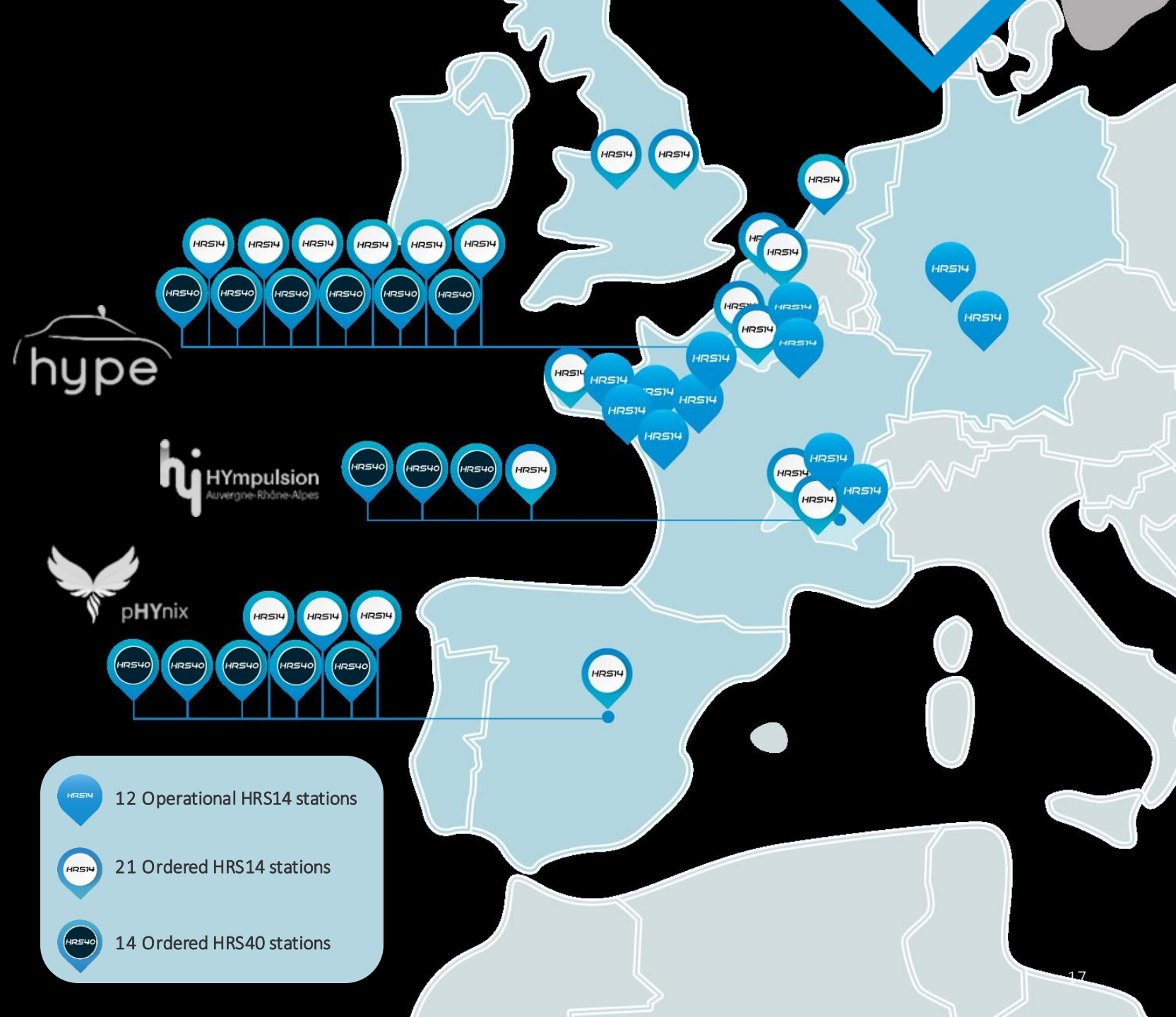


# Proven competitive advantages



# HRS stations map

## OUR CUSTOMERS





# Commercial and technological partnership with ENGIE

Develop a range of hydrogen refueling stations adapted to the needs of ENGIE Solutions

15

Developing 15 hydrogen projects together between 2022 and 2026

1+3

First station ordered and 3 additional stations planned by 2024



# Support and drive Plug Power's commercial deployment with a specific refueling station

**Specific stations** designed to supply hydrogen to fleets of forklifts fitted with Plug's fuel cell solution

5

**Stations ordered in H2 2022/2023**

To be installed in:    

5

**Other stations under LOI**



**60,000 fuel cells  
around the world**





# Selected for large-scale projects



## Zero Emission Valley -ZEV

### Largest green station project in France

18 hydrogen stations by 2024

450 captive vehicles

115 heavy vehicles

**2** HRS14 stations  
already ordered

**3** Request to move  
upmarket to **HRS40 -1 ton/ day**



First HRS station installed in Saint-Priest in late 2021



# GCK and Flex'hy choose HRS to speed up the implementation of its charging solutions for hydrogen mobility



23/11/23



AGILE HYDROGEN  
DISTRIBUTOR



2

Station HRS14 ordered (o/w 1 in September 2023)



Ambition to address heavy mobility market  
with green H2 solutions -supply + distribution



# An ambitious partnership strategy | Zoom on 3 partnerships



**DEVELOP A RANGE OF HYDROGEN REFUELING STATIONS ADAPTED TO THE NEEDS OF ENGIE SOLUTIONS**



**Develop 15 hydrogen projects together between 2022 and 2026**

First station ordered and 3 additional stations planned by 2024



**SUPPORT AND DRIVE PLUG POWER'S COMMERCIAL DEPLOYMENT WITH A SPECIFIC REFUELING STATION**



**Specific stations designed to supply H<sub>2</sub> to fleets of forklifts fitted with Plug's fuel cell solution**

5 Stations HRS ordered since the start of 2023



**DEVELOP LARGE-SCALE MOBILITY PROJECTS PROVIDING GREEN H<sub>2</sub> PRODUCED BY GAIA IN MOROCCO**

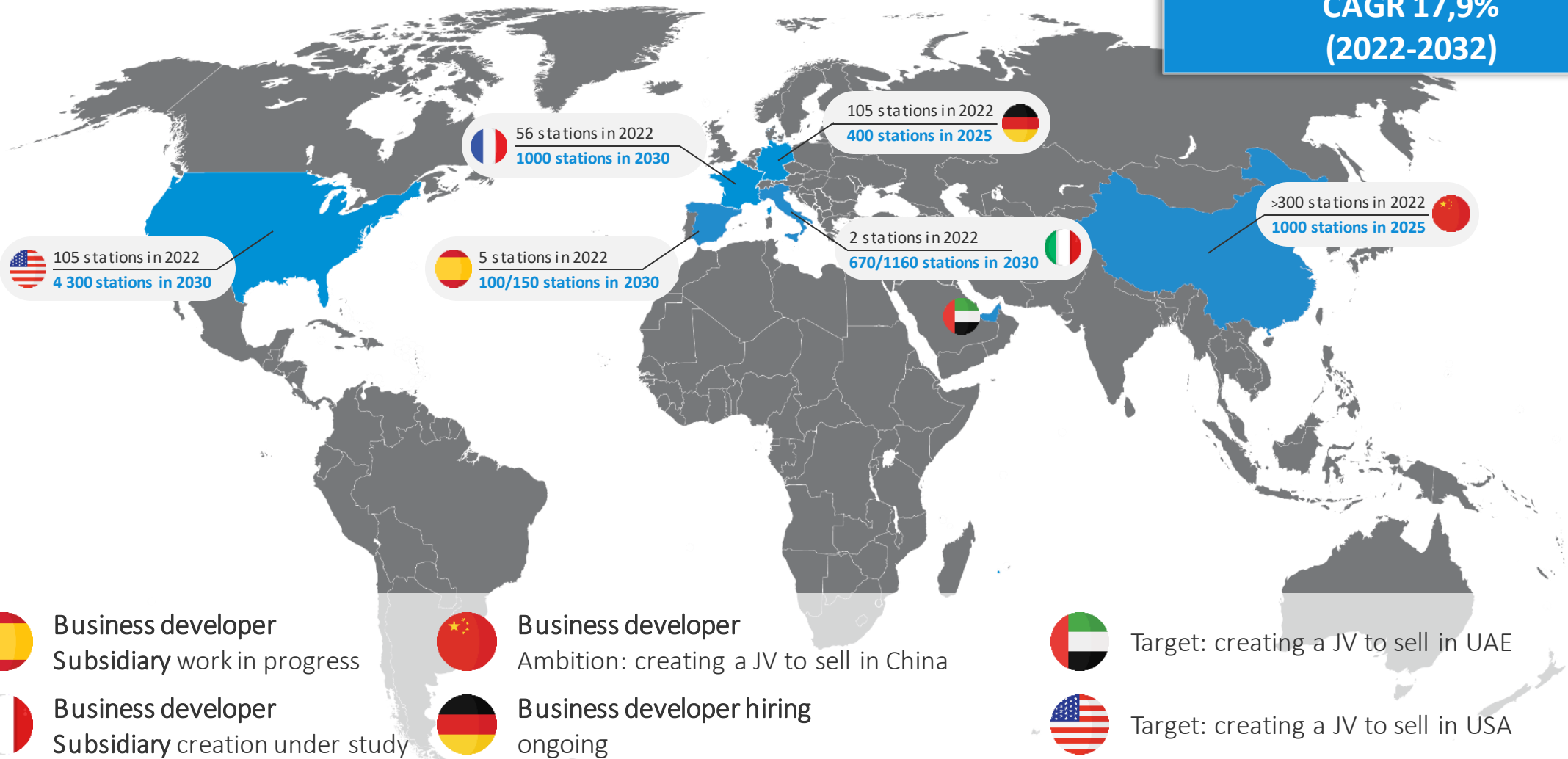


**Provide global green hydrogen distribution solutions for mobility combining competitive green H<sub>2</sub> produced by Gaia Energy and HRS' hydrogen refueling station**

Gaia Future Energy aims to produce, from its projects in Morocco, a volume of 1 million tons of green hydrogen by 2030 and 3 million tons by 2040, destined for the European market, while offering the most competitive price for green hydrogen in the world.

# Targeted markets

Global market size  
From \$4,8 B to +\$25,7 B  
CAGR 17,9%  
(2022-2032)



Source : Goldman Sachs, Carbonomics, « The Rise of Clean Hydrogen » - Hydrogen Insights 2023 – Hydrogen Council Mc Kinsey & Company - Global Market Insights



- ◆ Hydrogen market & HRS Global Business Strategy
- ◆ Industrial project of the new plant
- ◆ Business model and financial objectives
- ◆ ESG Strategy
- ◆ HRS ambitions in terms of innovation and R&D



# Industrial project of the new plant

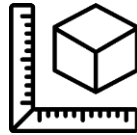
On-site visit (after lunch)



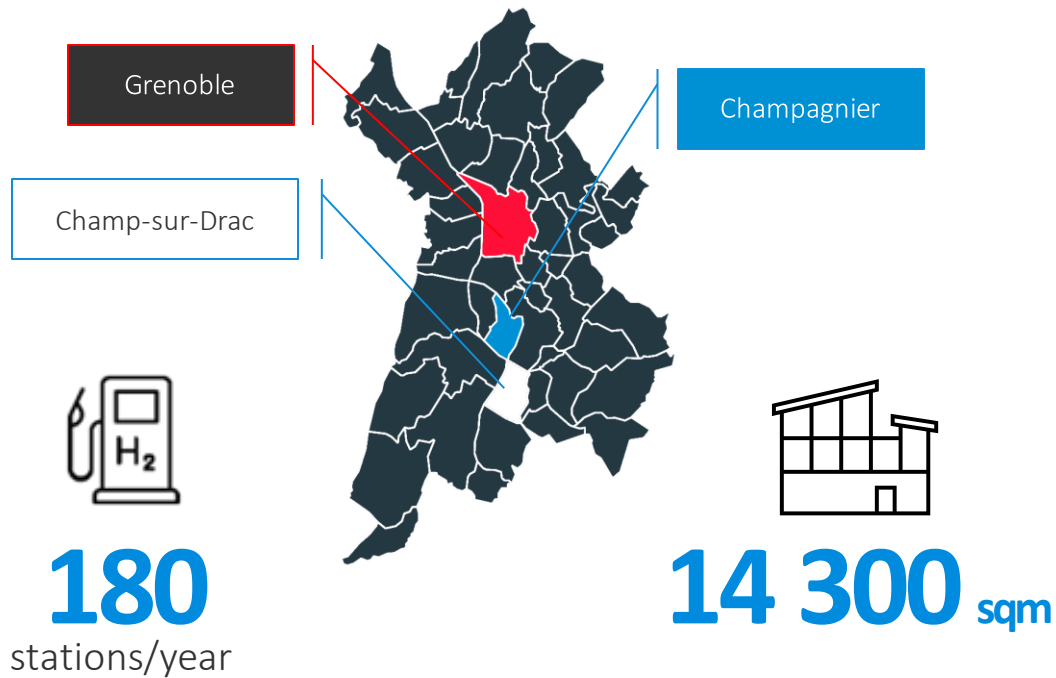
# The new production site



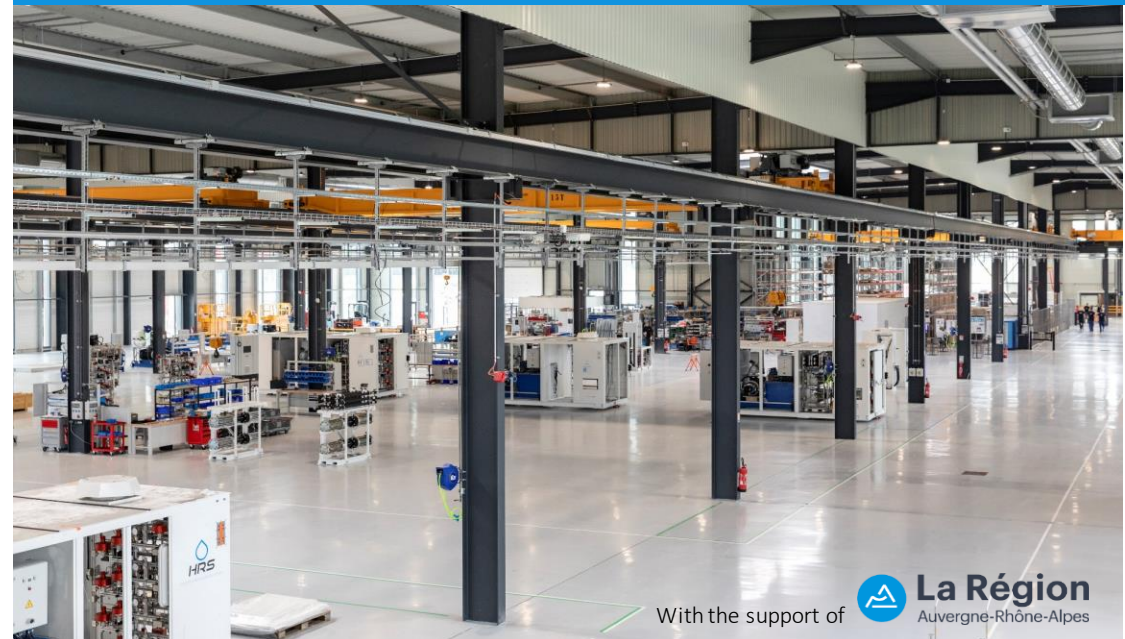
**30M€**  
investment



**2.6ha**  
area



**Start of the production in 2023**



With the support of **La Région**  
Auvergne-Rhône-Alpes

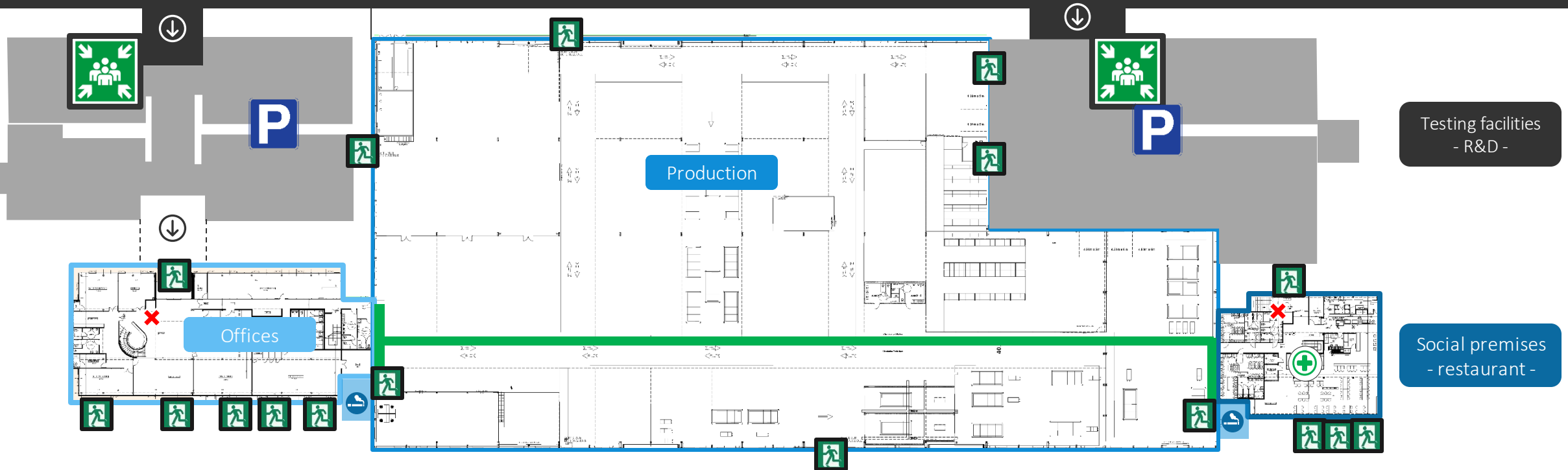


# The new production site



# The new production site | Visit

← Access ZAC du Saut du Moine



Urgency meeting point



In the event of evacuation,  
do not use the lift



Emergency exit



Infirmary



Pedestrian traffic zone



Smoking area



**Production facilities visit  
= Protective overshoes**



- ◆ Hydrogen market & HRS Global Business Strategy
- ◆ Industrial project of the new plant
- ◆ Business model and financial objectives
- ◆ ESG Strategy
- ◆ HRS ambitions in terms of innovation and R&D





# HRS Business model & financials

## ESG Strategy

Kader Hidra, Chief Financial Officer

# Business model key points

## Pure-player with end-to-end manufacturing capabilities

### Key activities & Value proposition

- H2 Stations Design
- Best-in-class sourcing
- Manufacturing end to end
- Installation & Commissioning
- Maintenance services

### Cost Structure

- Targeted gross margin of 30-40%
- Financial discipline

### Human resources and industrial site dedicated to H2

- Long standing expertise in H2
- Strong R&D multidisciplinary skills
- State of the art industrial hall

## HRS PURE-PLAYER HYDROGEN STATIONS

### Clients segments

- Captive fleet
- Public entities
- H2 projects developers
- Energy suppliers

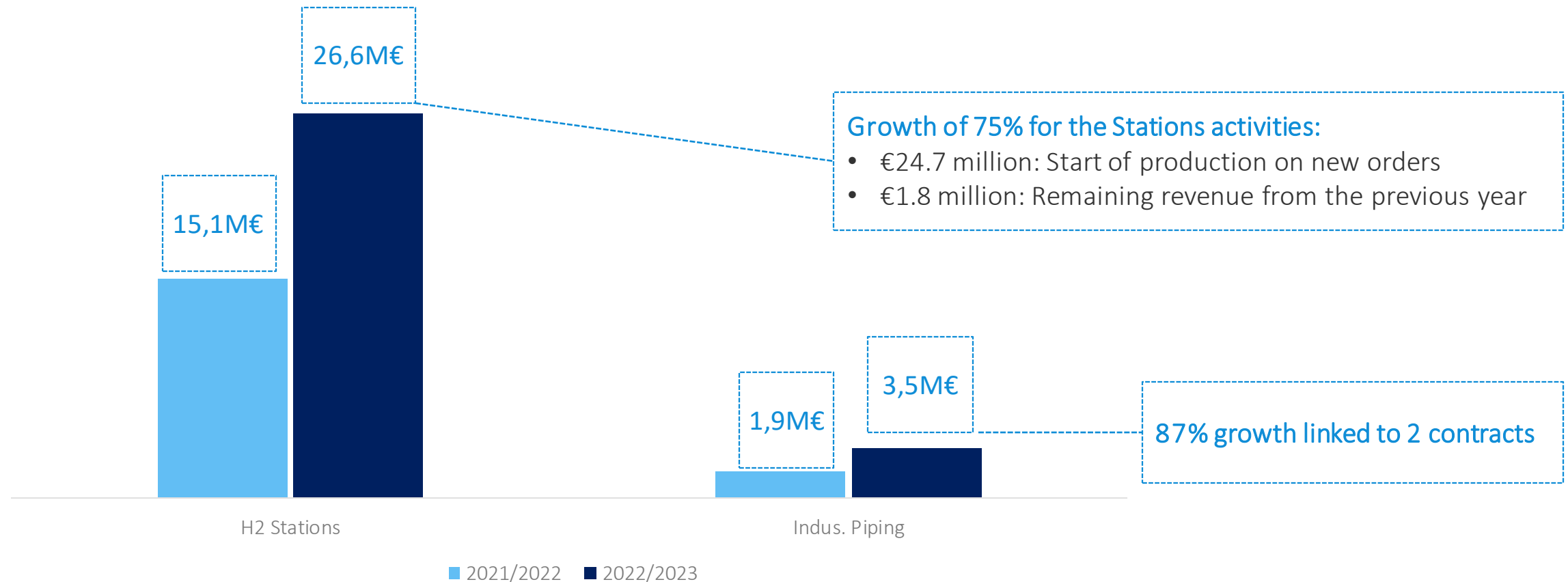
### Streams of revenues with growing recurring revenues

- HRS14 Stations
- HRS40 Stations
- Higher capacities Stations
- Maintenance services

### Sales Channel & Partnerships

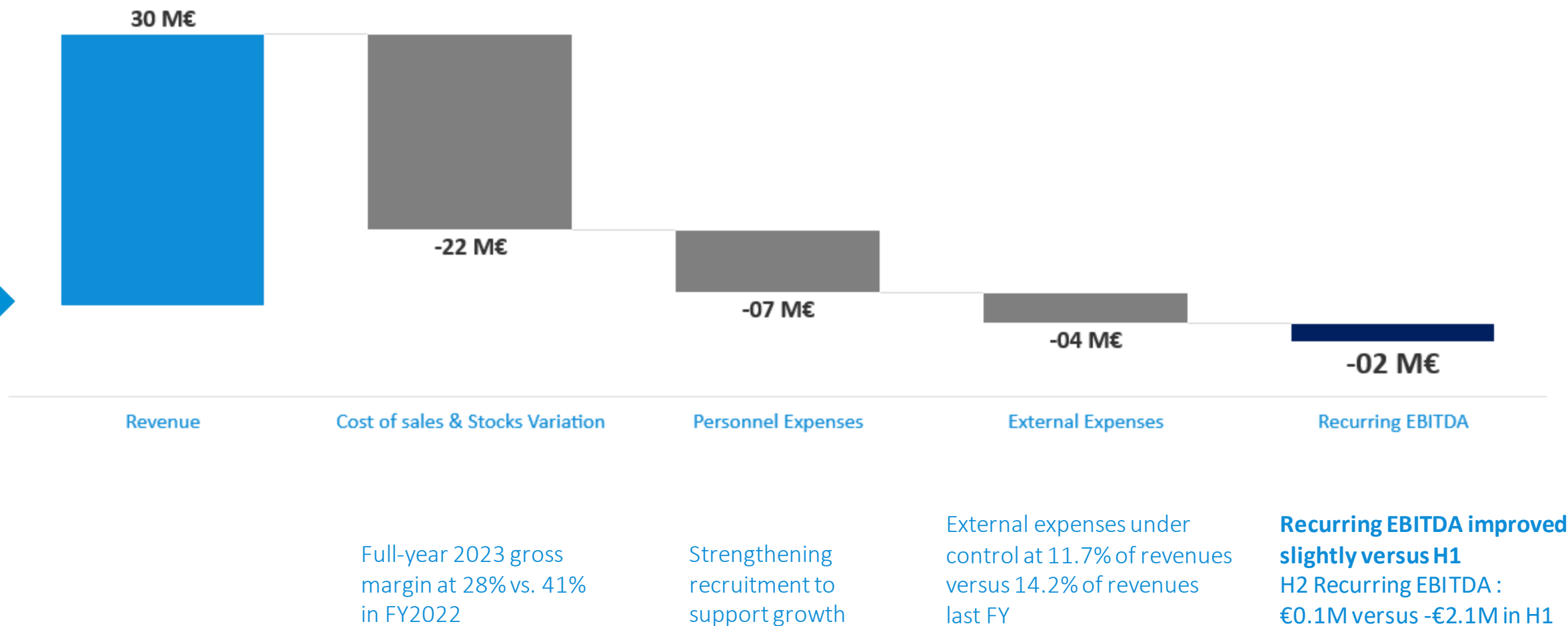
- Direct approach through HRS BDM
- Indirect approach through local partners
- Other models under study (JV, etc.)

# Full-year 2022/2023 revenue growth of +77%



**ANNUAL GROWTH OF 77% VERSUS AN INITIAL TARGET OF +50%**

# Operating performance under control with Recurring EBITDA<sup>(1)</sup> at breakeven in H2

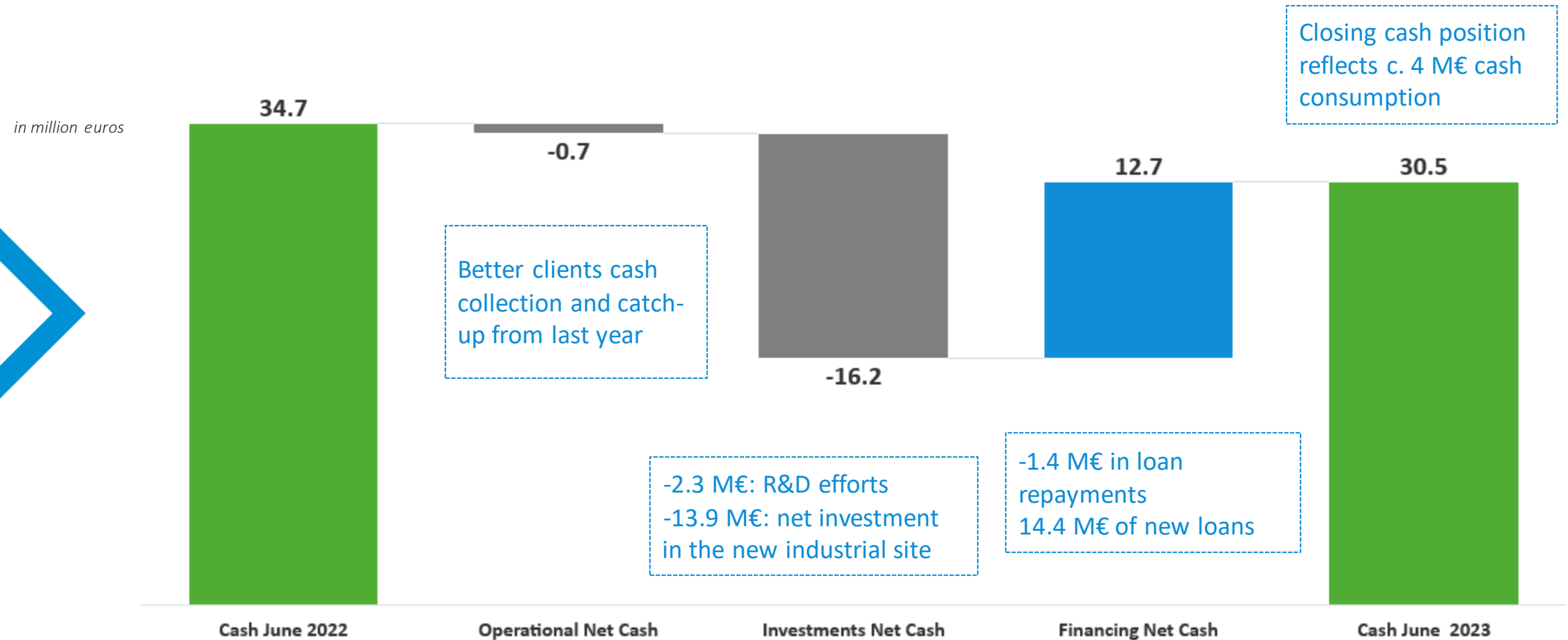


(1) Recurring EBITDA corresponds to Revenue less direct costs, personnel expenses excluding non-cash impact of free shares allocation plan, and SG&A cost



# Cash position at end of June 2023: 30.5 M€

## Comfortable financial capacity to support the HRS' ambition



# 2023/2024 revenue growth target between +50% and +100%

Snapshot between mid-2020 and mid-2025

+100 new stations to be delivered

+ 1100%

Revenue  
>€85m  
EBIT  
≈20%

Revenue  
€45-60M

Target may  
be reviewed  
in January  
2024

Revenue  
€30.1M

€26.6M  
Stations

Revenue  
€17.0M

€15.1M  
Stations

Revenue  
€10.5M

€8.3M  
Stations

Revenue  
€2.5M

Industrial  
piping  
engineering

06/20

06/21

06/22

06/23

06/24e

06/25e

Stations

Recurring revenues generated by maintenance contracts could reach between €40M and €70M on 2030 horizon

## STATIONS MAINTENANCE

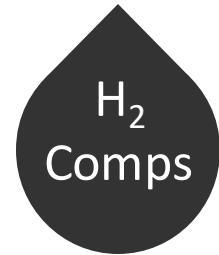
Key assumptions for recurring maintenance revenue estimates on 2030 horizon:

- Start 12 to 24 months after the installation
- Contract of 1 to 10 years
- Billing of an average 7% of the sales price/year
- On-call duty of € 40k /year
- Average unit price of the installed base between €1.3M and €2.9M

Assuming 300 HRS stations installed by 2030 horizon,  
annual maintenance services could generate  
**€40M to €70M**  
in revenue/year



# 2022/2023 Key takeaways



## P&L

- CONTINUED **STRONG GROWTH** WITH BETTER-THAN-EXPECTED REVENUES
- **H2 22/23 EBITDA AT BREAK-EVEN** SIGNALING INFLECTION POINT ON OPERATIONAL LEVERAGE

- Dozens of negative million euros of EBITDA
- Weak revenue growth

## BALANCE SHEET

- DEBT ON NEW INDUSTRIAL SITE **FINANCED AT A RATE BELOW 1.1%**
- CAPEX ON NEW INDUSTRIAL SITE **90% COMPLETION**

- Remaining huge capex needs in higher interest rate environment
- Capex financing needs highly dependent on subsidies

## CASH

- **IMPROVED CASH POSITION** VERSUS FIRST-HALF YEAR RESULTS
- **COMFORTABLE FINANCIAL CAPACITY** TO SUPPORT THE HRS' AMBITION

- Dozens of negative million euros of cash-burn
- Remaining huge cash needs in the next 2 years

## GUIDANCE

- **2 YEARS OF REVENUE GROWTH GUIDANCE 2024 AND 2025**
- **EBITDA BREAK-EVEN TARGET IN 2024**

- No near-term quantifiable guidance
- No near-term visibility on profitability



- ◆ Hydrogen market & HRS Global Business Strategy
- ◆ Industrial project of the new plant
- ◆ Business model and financial objectives
- ◆ ESG Strategy
- ◆ HRS ambitions in terms of innovation and R&D





# HRS extra-financial reporting initiative

- ◊ HRS being an impact driven company, a proactive communication around its governance and environmental and social initiatives comes naturally
- ◊ Increased transparency with HRS' Investors and ecosystem
- ◊ Voluntary and ahead of the curve compliance with upcoming EU regulatory requirements
  - ◊ Due to the application of SFDR (Sustainable Finance Disclosures Regulation) for European investors, listed companies (regardless of their size) are under pressure to disclose ESG related information
  - ◊ In response to SFDR, European regulator created CSRD (Corporate Sustainability Reporting Directive) which purpose is to provide investors with reliable ESG data directly from issuers
  - ◊ CSRD implementation is scheduled to be gradual but large corporates have already started

 **EARLY AND GRADUAL CSRD IMPLEMENTATION  
TO PUT HRS DISCLOSURE AHEAD OF OUR PEERS  
AND ALIGN IT WITH INVESTORS' EXPECTATIONS**

## HRS RAPPORT EXTRA-FINANCIER 2023

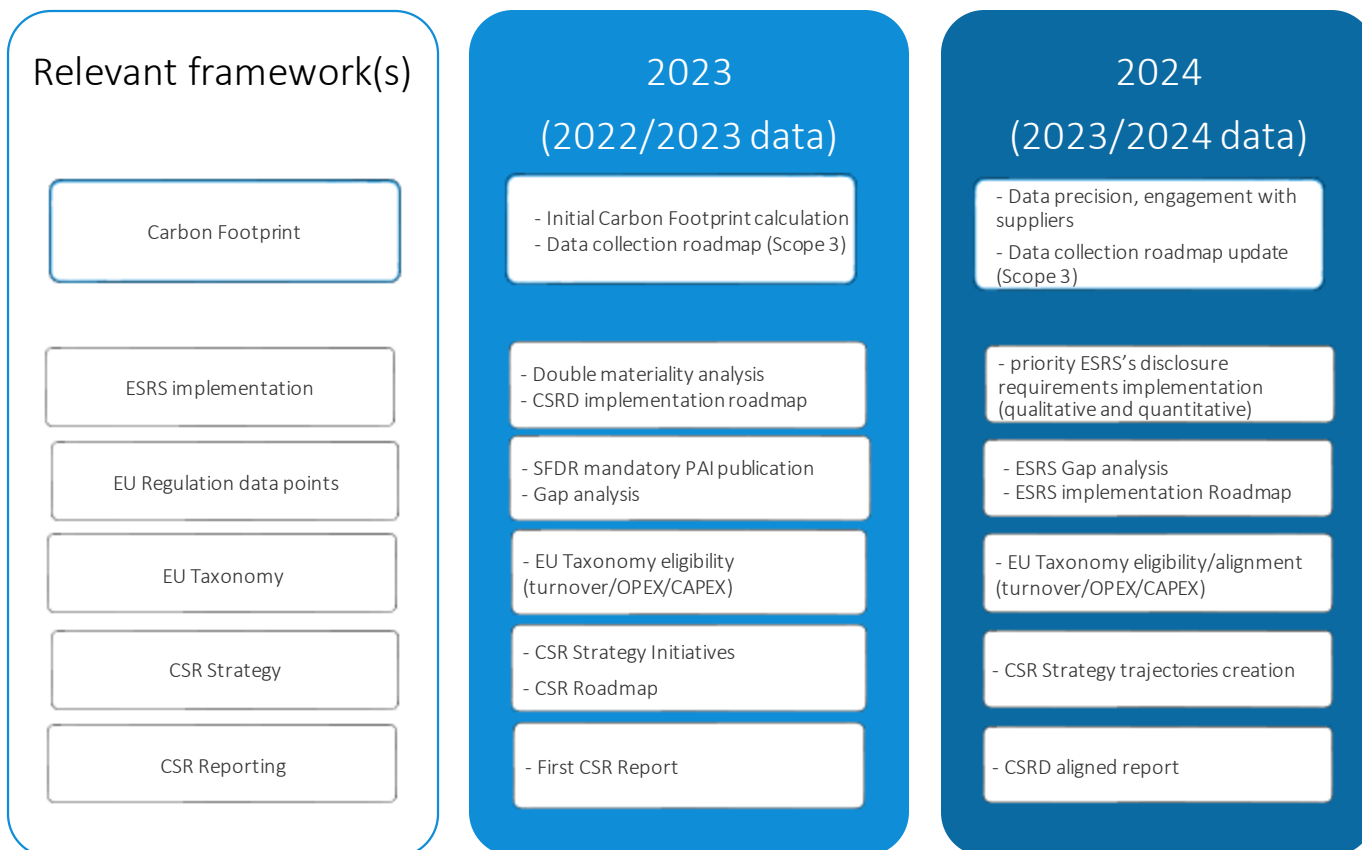


# CSRD and extra-financial reporting implementation process

## Voluntary and best-in class compliance with upcoming regulations

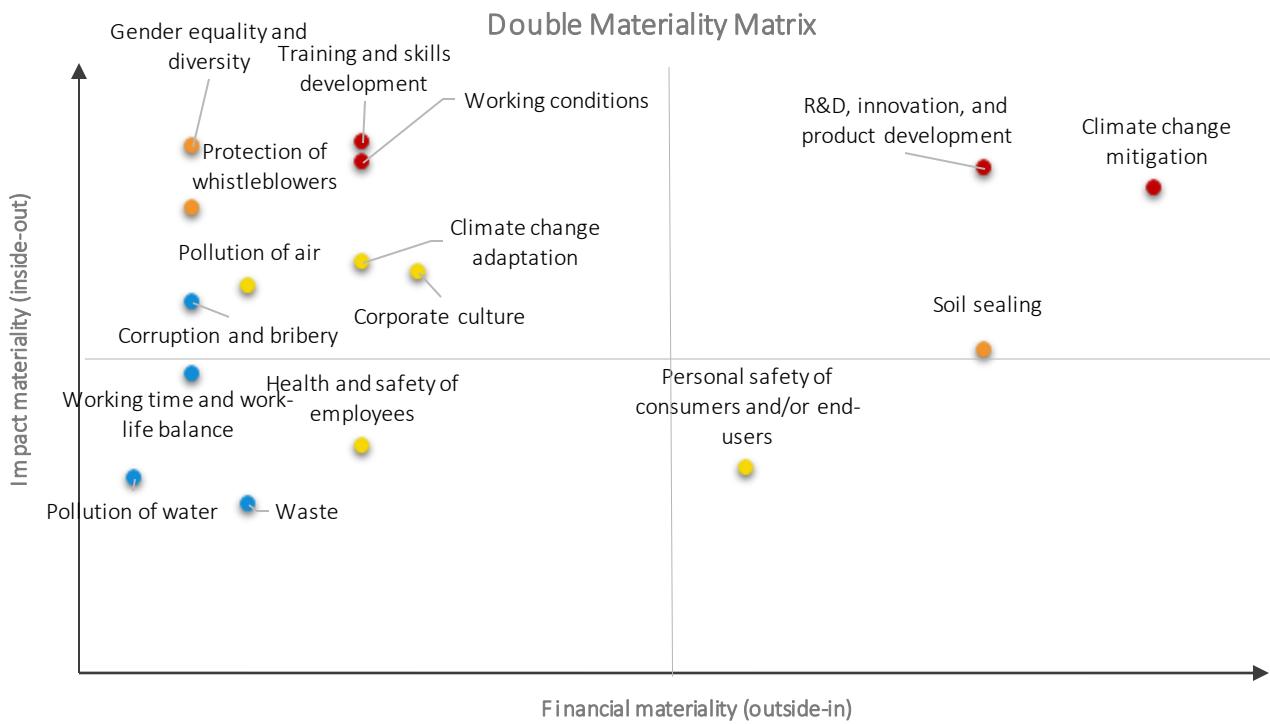
Aligning CSR Strategy through with well-defined ESG risks and opportunities

Progressive CSRD Implementation



# Main ESG risks and opportunities – DOUBLE MATERIALITY

## Stakeholders’ engagement and materiality matrix



- Materiality classification based on scores
- Critical
  - Important
  - Significant
  - Informative

## Stakeholders' engagement

| Stakeholders                                | Mode of engagement |
|---|--------------------|
| Board members                               | Interviews         |
| Employees                                   | Online survey      |
| Clients                                     | Interviews         |
| Investors                                   | Interviews         |
| Financial analysts                          | Interviews         |
| Business partners (suppliers, associations) | Interviews         |

## HRS Material topics (as per double materiality analysis)

| ESRS Topic  | Material topics as per ESRS 2           | Materiality classification | Associated ESRS                       |
|-------------|---|----------------------------|---------------------------------------|
| Environment | Climate change mitigation               | Critical                   | ESRS E1   Climate                     |
| Sectoral    | R&D, innovation and product development | Critical                   | Out of scope ESRS                     |
| Social      | Training and skills development         | Critical                   | ESRS S1   Own workforce               |
| Social      | Working conditions                      | Critical                   | ESRS S1   Own workforce               |
| Environment | Soil sealing                            | Significant                | ESRS E4   Biodiversity and ecosystems |
| Social      | Gender equality and diversity           | Significant                | ESRS S1   Own workforce               |
| Governance  | Protection of whistleblowers            | Significant                | ESRS G1   Business conduct            |



# ESG Reporting: Action Plan up to 2025

|             | TARGETS   | DEADLINE  |
|-------------|---|-----------|
| ENVIRONMENT | Installation of solar panels in order to achieve self-sufficiency for self-consumption  | 2024/2025 |
|             | Promote carbon-free mobility for home/work journeys through the initiation of a mobility plan   | 2024      |
|             | Establishment of partnerships with green hydrogen producers to promote the development of a low-carbon sector                                     | 2023/2024 |
|             | Replacing the diesel fleet with hybrid, electric or hydrogen vehicles   | 2024/2025 |
|             | Implementation of a business travel policy that promotes the use of responsible mobility, rather than the most carbon-intensive forms of mobility | 2024      |
| SOCIAL      | Setting up an annual interview for each employee  | 2024      |
|             | Creation of a training course specifically dedicated to management  | 2023/2024 |
|             | Implementation of an annual survey addressed to all employees   | 2024/2025 |
| GOVERNANCE  | Strengthening the risk management system  | 2023/2024 |
|             | Establishment of a whistleblower procedure  | 2023/2024 |
|             | Creation of a crisis management procedure in the event of a station incident  | 2023      |
|             | Increased from 90% compliance with MiddleNext Code recommendations to 100% compliance   | 2024/2025 |
|             | Strengthening CSR governance and data collection to comply with CSRD  | 2024/2025 |

# CSR strategy to address well defined risks and opportunities

Climate change mitigation and adaptation (European Sustainability Reporting Standards E1)

## Our climate change related commitments are based on 2 priorities:

### ➤ Reduction of HRS Carbon Footprint

- In 2023, HRS's Scope 1 and 2 GHG emissions amounted to 131t CO<sub>2</sub>e with a carbon intensity of 1.14t CO<sub>2</sub>e per employee versus 1,4t CO<sub>2</sub>/year on average amongst French employees.
- Launch of project for energy auto-sufficiency through installation of solar panels
- HRS will support employees' decarbonated mobility choices and gradually replace its vehicles fleet
- New site aiming for "VERY GOOD" BREEAM certification score
- We have initiated our first greenhouse gas emissions assessment and aim to develop Net Zero trajectory including Life Cycle Assessment of Hydrogen stations in the coming years

### ➤ Decarbonation of the transport industry

- Priority to Hydrogen refueling stations infrastructure with Green Hydrogen friendly solutions
- Developing partnerships with green hydrogen producers (ex. pHYnix in Spain and GAIA Energy in Marocco)

# CSR strategy to address main risks and opportunities

Human Capital – Own workforce European Sustainability Reporting Standards E1)

***Our culture is focused on the pursuit of technological excellence, industrial efficiency and the well-being of our employees.***

Our employees have access to several advantages:



A company sponsored restaurant, run by a 2\*\* chef and offering local and seasonal products



Free of charge gym space, with many machines and an area dedicated to classes



Brand new modern offices spaces for collaboration, individual work and creativity



Work-life balance through homeworking and partial time arrangement



# A culture based on knowledge sharing & mutual support

**LAUNCHED IN 2023,  
HRSCHOOL ADDRESSES  
CHALLENGES OF RECRUITMENT  
AND SKILLS DEVELOPMENT**



## TRAINING PROGRAMME

- ◊ 3-week programme dedicated to newcomers in shortage and retraining positions
- ◊ Tailor-made course in partnership with training center
- ◊ Technical, theoretical and practical training with dedicated HRS' tutors allowing the transfer of their know-how
- ◊ 20 trained technicians / year

## LEARNING PLATFORM

- ◊ Simplifying access to training to enable everyone to get the best out of themselves
- ◊ Dedicated to every HRS employees
- ◊ Offering a wide variety of programmes and a flexible, interactive learning experience

# Simplified organizational chart

CEO  
Hassen Rachedi

DEPUTY CEO

Business  
development

Research &  
Development

Operations

Commissioning/  
Maintenance

QHSE

CFO

Accounting

Human  
Resources

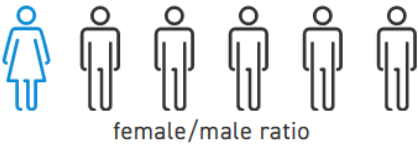
Communication

Purchasing

Legal



30%  
R&D





- ◆ Hydrogen market & HRS Global Business Strategy
- ◆ Industrial project of the new plant
- ◆ Business model and financial objectives
- ◆ ESG Strategy
- ◆ HRS ambitions in terms of innovation and R&D

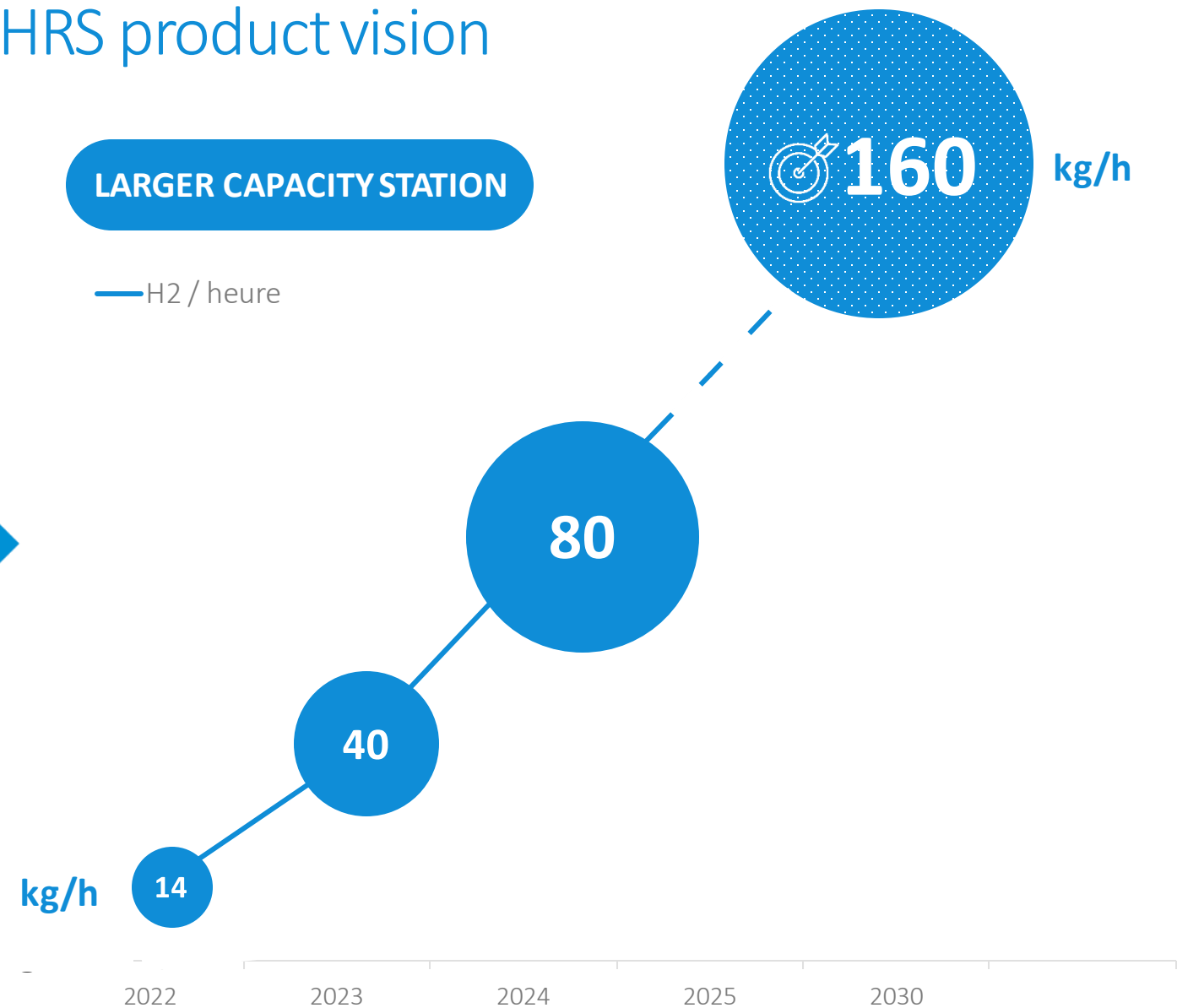




# HRS ambitions in terms of innovation and R&D

Rémi Marthelot, Chief Technical Officer

# HRS product vision



-  SAFETY
-  RELIABILITY
-  AVAILABILITY
-  ENERGY CONSUMPTION

**COLLABORATIVE TEST AREA**

# Our product certifications



## HYDROGEN DISTRIBUTION CONFORMITY VALIDATED BY CEP<sup>1</sup>

CLEAN ENERGY PARTNERSHIP is a **reference entity** in the H2 sector gathering the main vehicle manufacturers (Toyota, Hyundai, Daimler, BMW, Faurecia...)



in accordance with the **SAE J2601 protocol** and process limits for hydrogen fueling of vehicles, based on ISO 19880-01



**CE** certification



**OIML R139:** compressed gaseous fuel measuring systems for vehicles (LNE - Laboratoire national de métrologie et d'essais): in progress

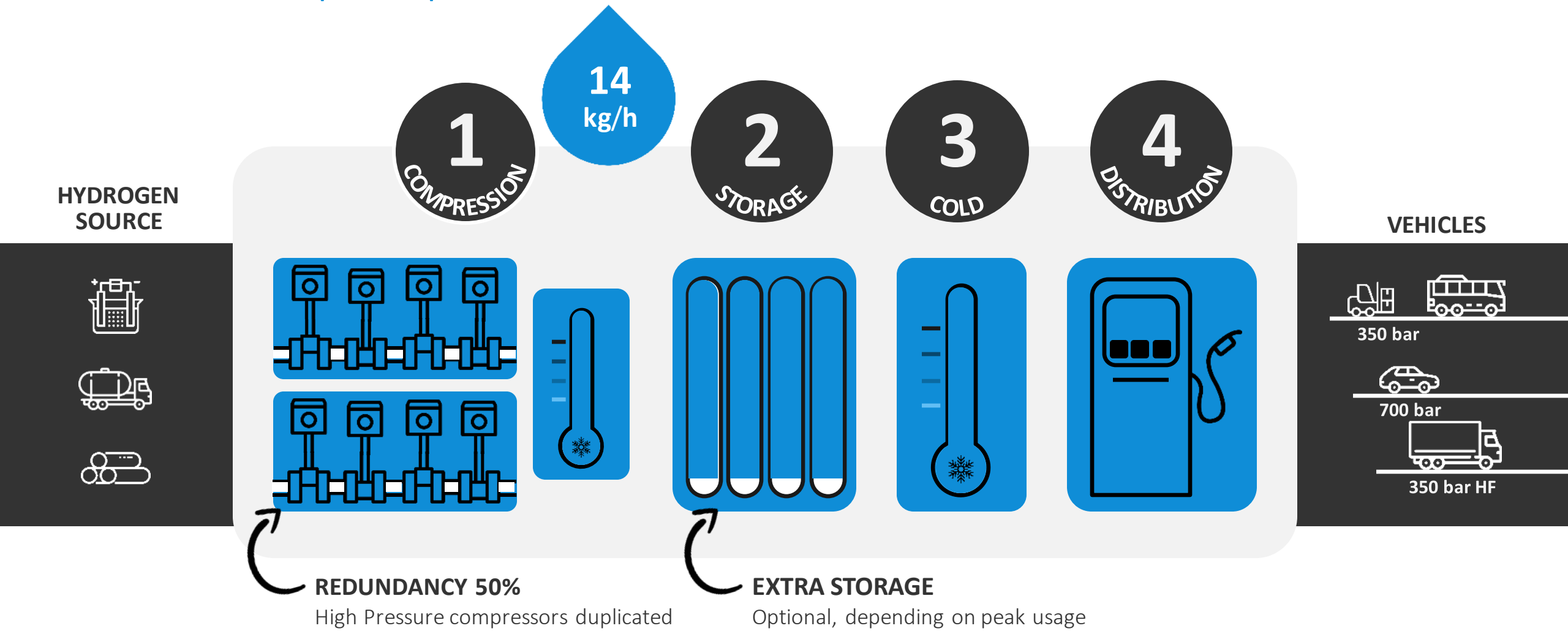
<sup>1</sup> 6-month validation delivered in April 2023

# HRS14 - on site installation

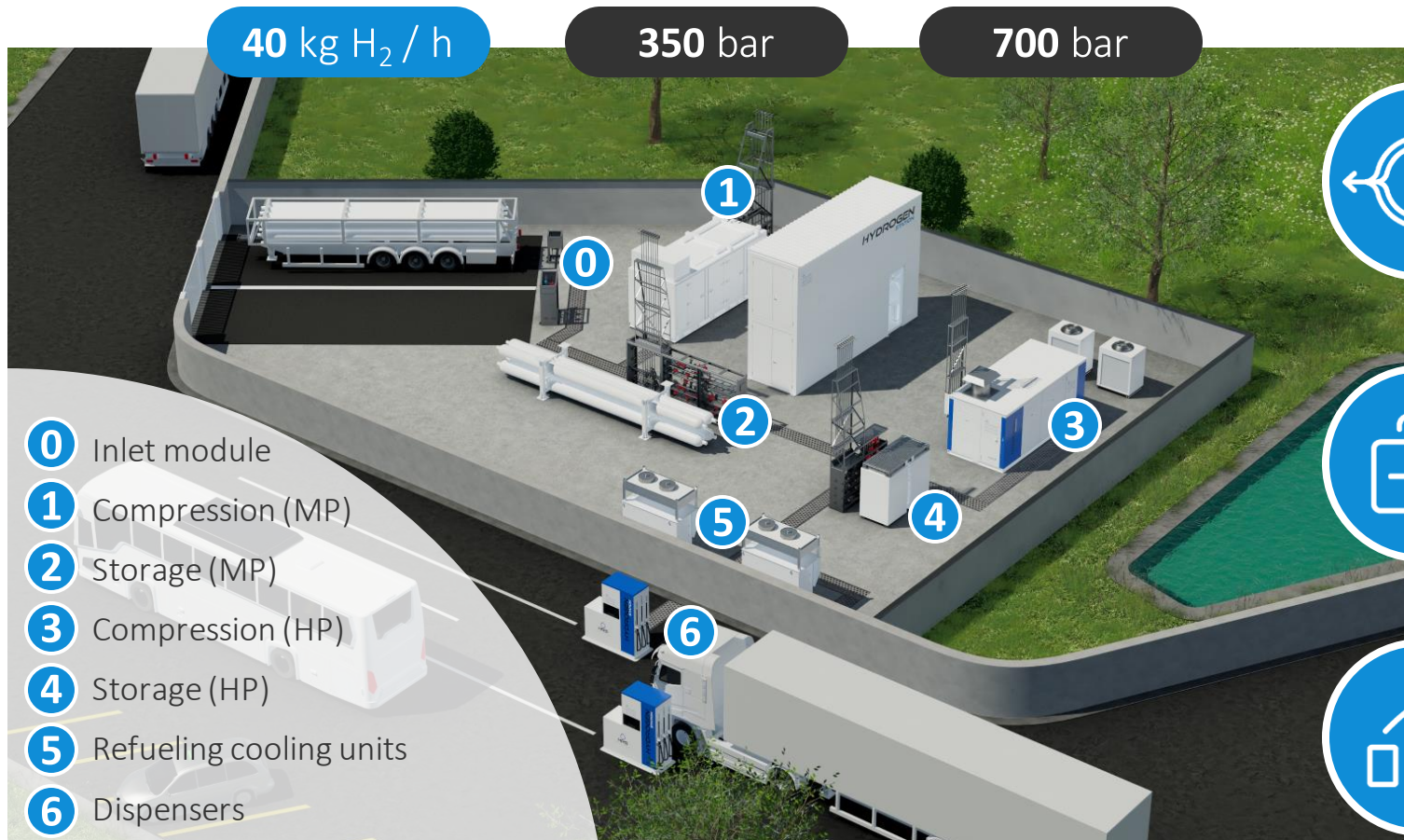




# HRS14 – the principle



# HRS40 - typical layout



## SIMULTANEOUS REFUELING

Two bi-pressure dispensers  
(350 bar - 700 bar)



## RELIABILITY & REDUNDANCY

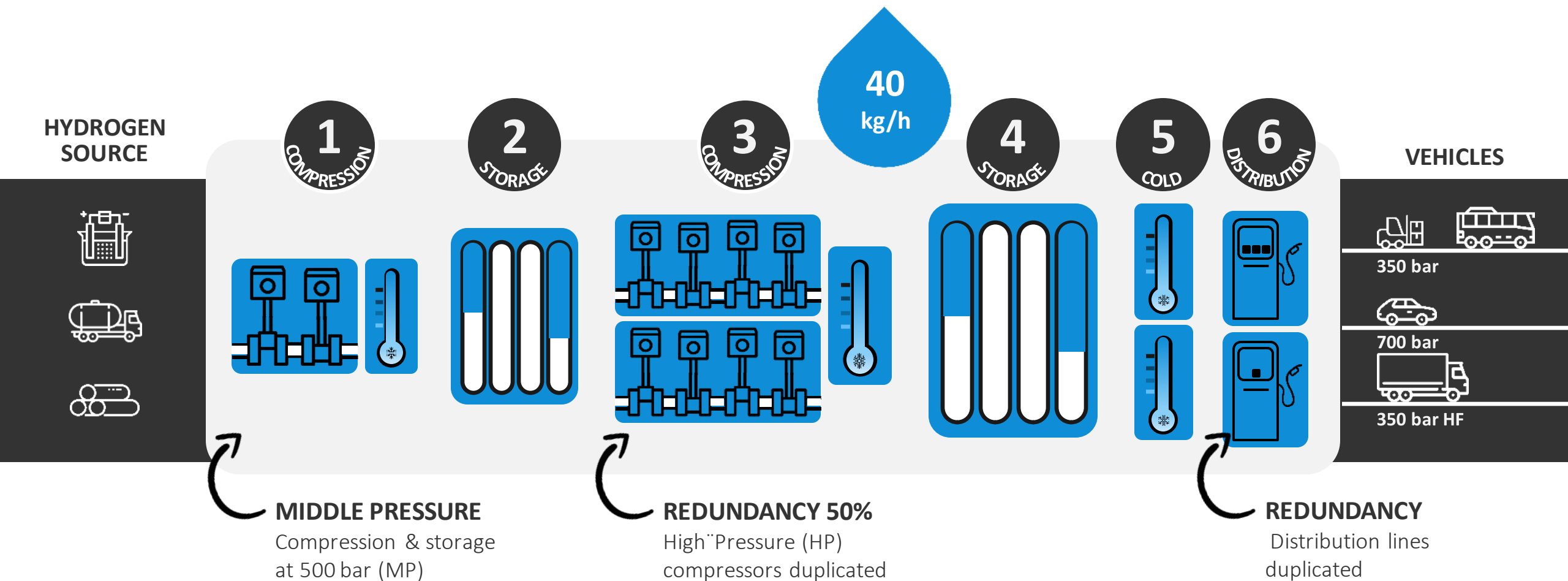
Duplicated high pressure  
compression and distribution lines



## EVOLUTIVE STATION

Possibility to upgrade the compression  
capacity up to 80 kg/h (350 bar)

# HRS40 - the principle



CE Certification



SAE J2601 - ISO 19880-01 : pre-validation CEP



OIML R 139 (LNE) Regulation : in progress

# Product development roadmap

2021-2022

First H14 installation

Optimization on the H14

Start of the development of H40

2023

More than 10 HRS14 operational

Qualification of the first H40 in our testing facilities

Start of two European projects (Rheadhy and H2Ref-DEMO)

2024

1<sup>st</sup> client installation of the H40

1<sup>st</sup> installation of a bus depot (night-filling of 19 bus in parallel)

1<sup>st</sup> refueling of boat for Olympic Games in Paris

Modular design to reduce development time



2025-2026

1<sup>st</sup> installation for train refuelling

Fast refueling dispenser release (Rheadhy) (up to 300g/s)

1<sup>st</sup> installation of H80

Development of higher capacity



2026-2030

Maritime refuelling development

Aircraft refuelling development



## HRS R&D PRIORITIES



SAFETY



RELIABILITY



PERFORMANCE



ENERGY  
CONSUMPTION



TCO  
REDUCTION




# Development of key differentiators for next generation HRS stations

## INVOLVEMENT IN 2 EUROPEAN PROJECTS TO BOOST THE DEPLOYMENT OF HEAVY DUTY MOBILITY




### RHEADHY<sup>1</sup>

Design of key components to ensure very high flow refueling line for 700bar H2 truck.

 Fully implement & validate new refueling protocols to refuel 100kg hydrogen trucks in 10 min

### H2REF-DEMO<sup>2</sup>

Optimization of hydraulic compression system for large capacity hydrogen refueling station

 Addressing heavy mobility and distributing several hundred kg of hydrogen per hour

RHADHY and H2REF DEMO projects have received funding from the Clean Hydrogen Partnership under grant agreement No 101101443 (1) and No. 101101517 (2).  
The JU receive support from the European Union's Horizon Europe research and innovation programme.

# Most advanced hydrogen station testing facilities in Europe



# Most advanced hydrogen station testing facilities in Europe

**2023**

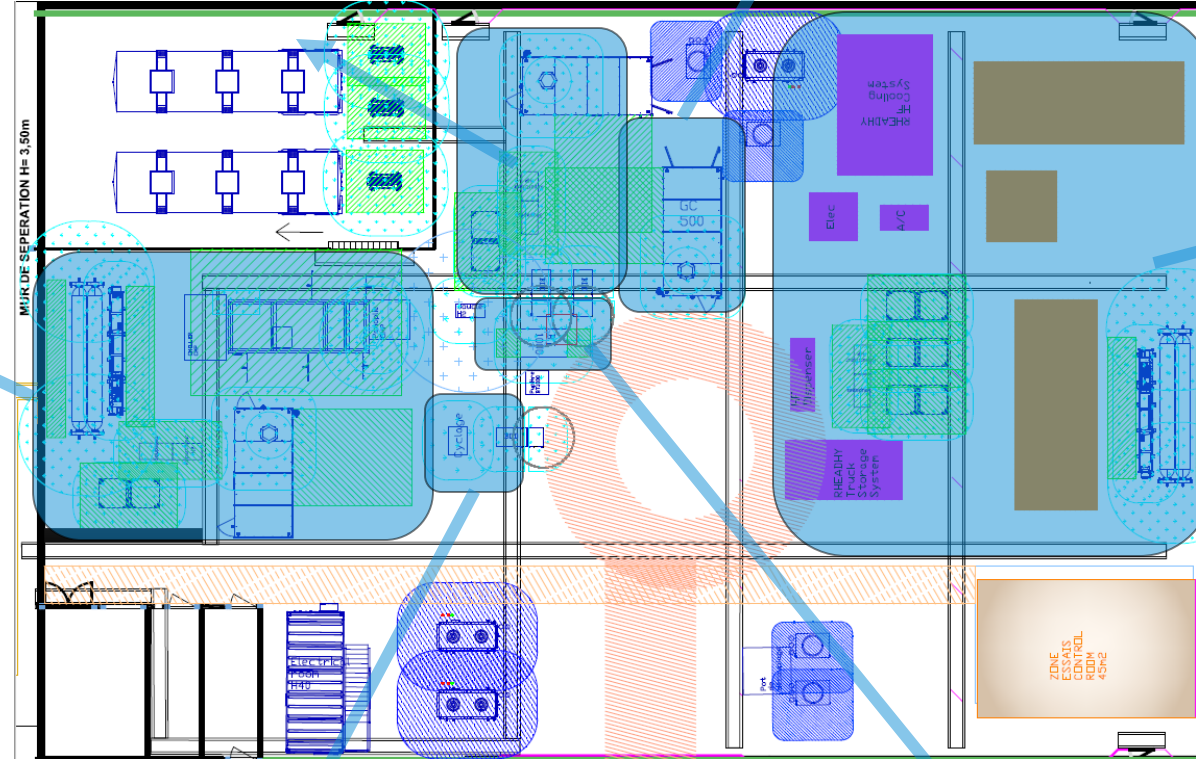
**Refueling station – 200kg/day**  
Product engineering - reliability

**2023**

**Compression test bench**  
For boosters and Hydraulic power unit

**December  
2023**

**Refueling station  
1Ton/day**  
Product engineering - reliability



**2024-2025**

**EU Projects**  
- **Rheadhy** : refuelling Heavy Duty with very high flow Hydrogen  
- **H2 Ref** : Advanced new compression and buffering solution for hydrogen refuelling stations

**2024**

**Cycling bench**  
For high pressure equipments stress tests

**November  
2023**

**High pressure storage bench**  
For fueling tests and H2 recycling





ZAC du Saut du Moine  
38800 Champagnier, France

[contact@h-r-s.fr](mailto:contact@h-r-s.fr)  
+33 476 140 778

[www.hydrogen-refueling-solutions.com](http://www.hydrogen-refueling-solutions.com)  
Mnemo Code: ALHRS