



HEAVENN – H2 Energy Applications in a Valley Environment in the Northern Netherlands

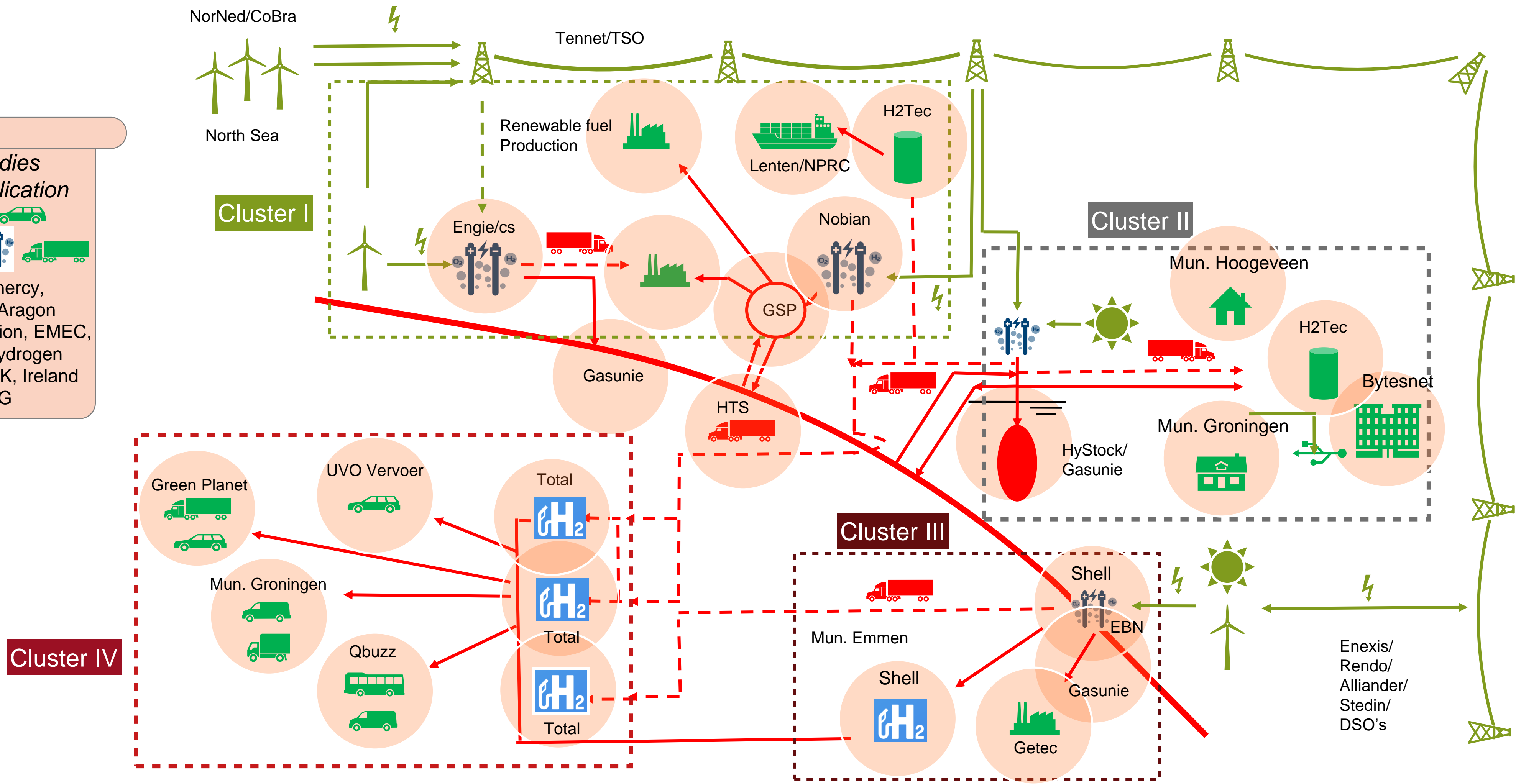
Goal: an integrated green hydrogen infrastructure: production, transportation, end use, research and replication.

HEAVENN is recognized by the European Commission as the first Hydrogen Valley of Europe – recently won award for Hydrogen Valley of the Year

Financial scope: 96 million (subsidies and co-financing)

Studies & Replication

RUG, Energy, Hincio, Aragon Foundation, EMEC, EWE, Hydrogen Valley DK, Ireland HA, ERIG



Lessons Learned from HEAVENN:

Biggest challenge: large ambitious project designed in 2019 in a fairly “new” industry (green H2 for decarbonization) means a lot of changes, insights, new knowledge. Some goals are no longer as relevant.

Due to time frame: lots of unforeseen circumstances such as Covid, war in Ukraine/Russian energy dependence leads to great unrest in energy markets, materials scarce and expensive.

Clear understanding on role of coordinator and role of CHP – manage expectations

Very diverse partners from very large to SMEs: help partners understand EU regulations (AMGA, TRUST)

In Europe: rules for state-aid make governments hesitant to contribute. Regulations must not slow down the development of the H2 economy

Best Practices from HEAVENN

A convincing project concept with a value chain coverage and technology choices that leverage local assets and address local needs.

A combination of different partners helps the project: big partners provide stability and resources; small partners provide agility and inspiration. Each their own strength.

Focus on creating the project with the partners, make sure all share in the vision. Everyone needs to be on board and feel responsible. This will protect your project when times are difficult.

Clear project structure (Clusters and WPs) helps distribute responsibility.

Ambitious project boosts expectations and exposure, help us reach out and help others.

We are in HEAVENN to learn and teach, inspire and cooperate: to help green hydrogen become the energy superhero!

International delegations & conferences – reach out and inspire new valleys in EU and beyond



Honda meets HEAVENN - 天国

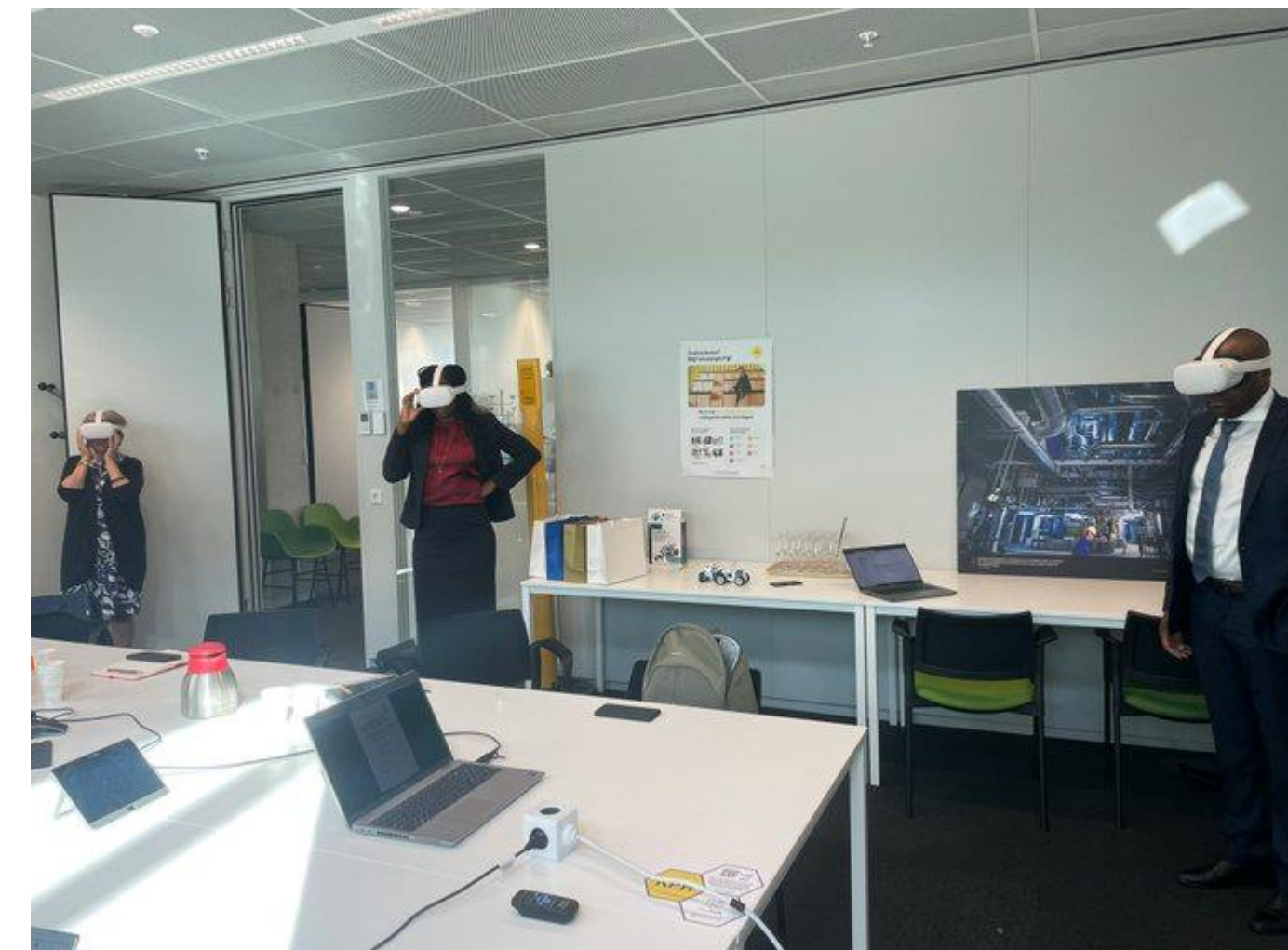
Today we welcomed our visitors from Honda to tell about our project and Europe's first hydrogen valley with presentations from [Green Planet Pesse](#), [Gasunie](#), [HyNorth](#), [EnTranCe](#) | Centre of Expertise Energy and Bytesnet

Thank you for your visit!

Thank you [René Schutte](#), [Arjen van Wijk](#), [Marcel Koenis](#), [Edward Doorten](#), [Hendré Sijbring](#), [Werna Udding](#) and [Patrick Cnubben](#) for your presence and contributions

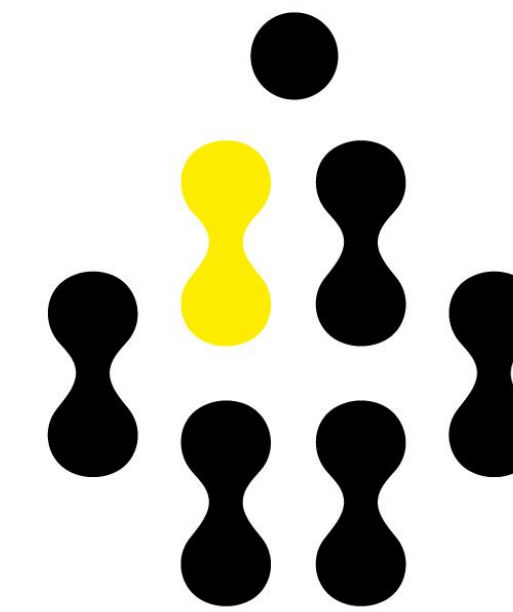
[Thomas Brachmann](#)

[Vertaling weergeven](#)



Thank you for your attention!

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HEAVENN



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