

EHRIN

Excellent Hydrogen Regions in Europe

Interreg



Co-funded by
the European Union

North Sea

Marieke Hoekstra

**27-28 February
2024**



About EHRIN

- **The EHRIN project is part of the the Interreg North Sea Programme 2021-2027 .**
- **The programme supports cooperation to stimulate a green and sustainable future. Enabling people across the North Sea Region to work together and bring their ideas to life.**
- **EHRIN is a small-scale project: running 18 months, until November 2024 and with three project partners in Sweden, Germany and The Netherlands.**
- **Lead partner: Province of Drenthe.**

provincie **D**renthe



Amt für regionale Landesentwicklung
Leine-Weser



The County
Administrative
Board of Skåne



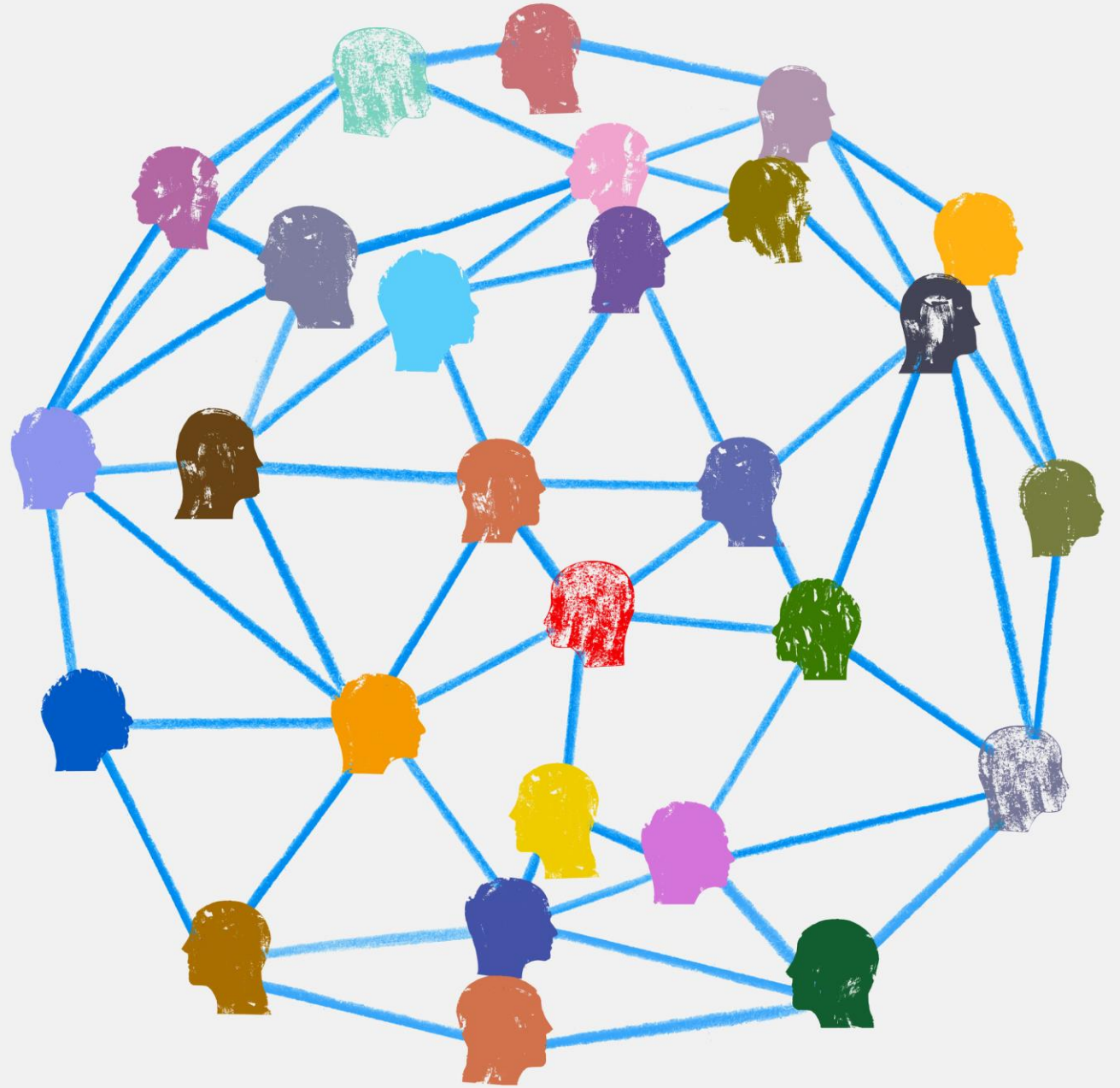
BETTER GOVERNANCE

Objective EHRIN

Networks are drivers of change. One can say that Hydrogen development depends on the strength of the network. EHRIN aims at strengthening governance for hydrogen development. EHRIN develops strategies in the setting of three concrete Hydrogen projects, to optimize engagement with actors in networks. A transnational partnership ensures a rich exchange of knowledge and learnings.

A network of networks

- Introduction to other people with experience in building a regional hydrogen ecosystem.
- An invitation to connect and engage.



Introductions

The background features a white central area with several teal-colored organic shapes and a thick orange wavy line. Scattered throughout the white area are several orange dots of varying sizes.



ENERGY TRANSITION ZONE

ETZ
ENERGY TRANSITION ZONE

Marine Gateway
A specialised cluster of activity centred around the £400 million **Aberdeen South Harbour**, primarily targeting high-value manufacturing opportunities.

Energy Transition Campuses

- A **Hydrogen Campus**, to provide infrastructure that supports **Green Hydrogen Test & Demonstration Facilities**, production projects and high value manufacturing opportunities.
- An **Offshore Wind Campus**, centred around the **National Floating Wind Innovation Centre** and brownfield land to the east of Altens.
- A **Skills Campus**, centred around NESCol, including the **Energy Transition Skills Academy**, a Net-Zero Exemplar development that provides Energy Transition pathways for future apprentices.
- An **Innovation Campus**, centred around the new-build **Energy Incubator & Scale-up Hub** that supports green start-ups.

Operational 4Q 2025.
Operational June 2023.
Operational 3Q 2024.
Operational 4Q 2024.

Aberdeen City Council
& Aberdeenshire

Sharing experiences on the roles of authorities in creating a hydrogen ecosystem in Scotland.

Ms. Louise Napier & Mr. Philip Smart





Municipality of
Hoogeveen

Sharing experiences on the application of hydrogen in the
built environment.

Mr. Kees Boer



Municipality of Groningen

- Sharing experiences on creating an emission free inner city.
- 64 Hydrogen vehicles: street scooters, cars, waste trucks.

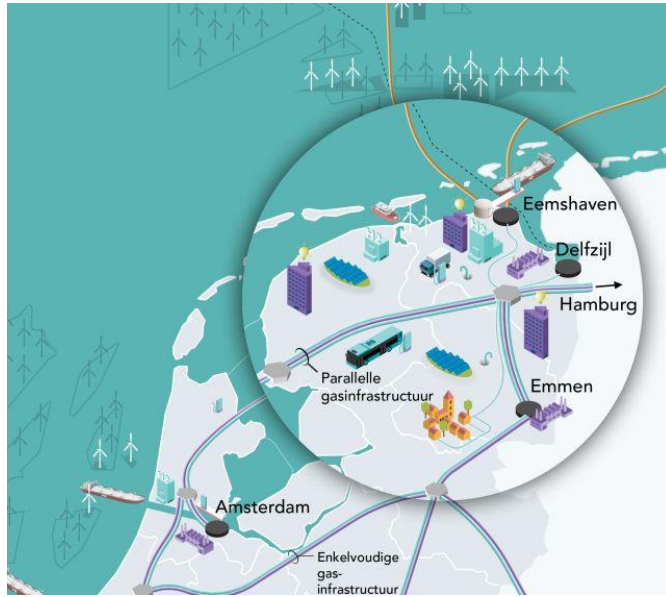
Ms. Iris Kolkman





Mr. Aldwin Oechies

- **Sharing experience on developing and retrofitting vehicles for hydrogen**
- **A company partnering with the regional authorities to drive the market.**



HyNorth

A platform – building coalitions to drive the development of hydrogen chains in the Northern Netherlands.

Mr. Detmar Ypma

Groningen Airport Eelde

**A Retrofit of GPU Diesel to H-GPU electric
Hydrogen with fuel cell and small Battery.**

Sharing experience on Building Coalitions:

Mr. Aldwin Oechies & Ms. Marike Hoekstra.

KES Schiphol for support. • Airport Eelde dismantling diesel by airport mechanics. • Noorderpoort College with Student internship Vincent Fennis. • Entrance Groningen Practitioner Cor Scholte mounting parts. • Different local suppliers for components. • Engineers electrical, hydrogen and mechanical from Holthausen Clean Technology for developing en mounting



Mr. Marcus EK

Sharing experiences from Trelleborgs Energi in Sweden

a municipal energy company



Let's get engaged!

EHRIN – Let's get engaged!



Interreg



Co-funded by
the European Union

North Sea

