

From HEAVENN to Hydrogen Valleys

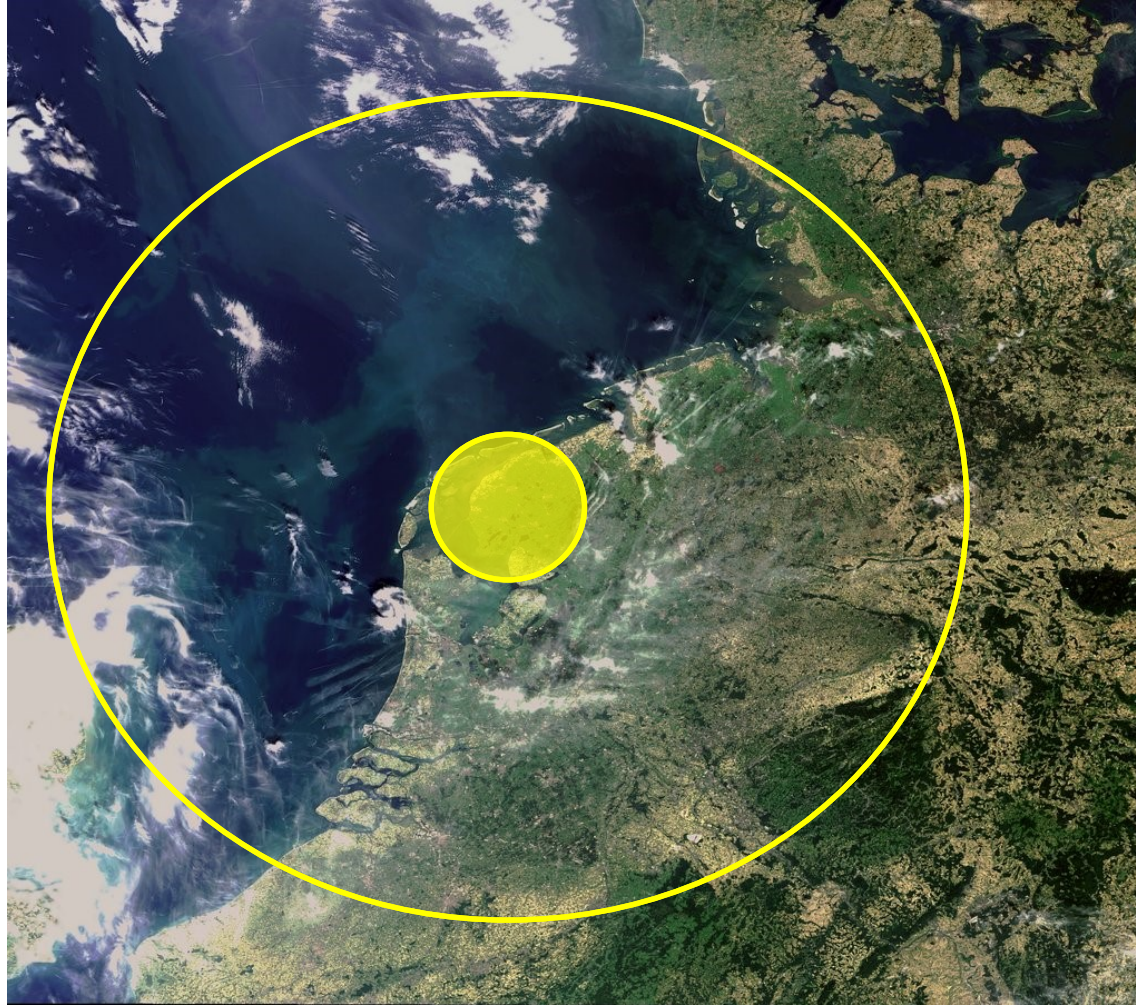
Transition to a Hydrogen Economy

Patrick Cnubben

New Energy Coalition



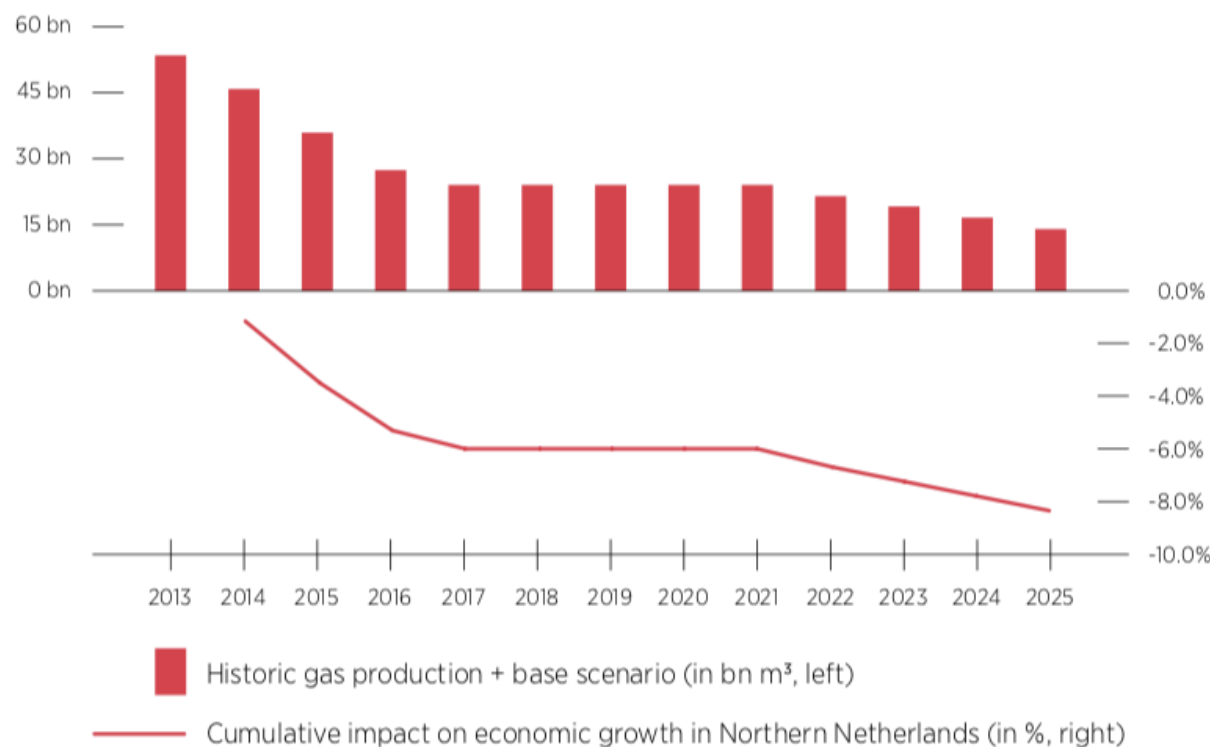
Where are we located?



Situation in the Northern Netherlands



Gas production and cumulative economic impact - **baseline**



We have a plan

**Green Hydrogen
Economy in the
Northern Netherlands**

Elements of the narrative

Energy transition poses challenges:

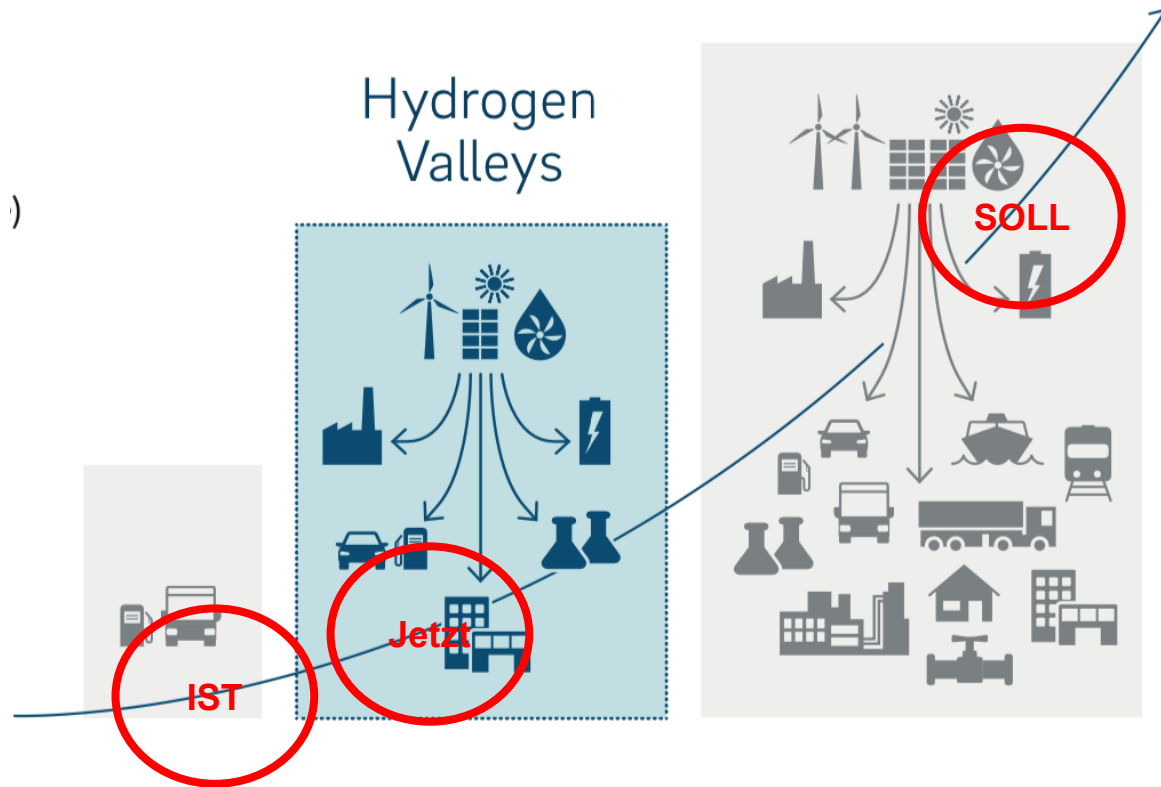
- Large energy intensive cluster
- Exit Natural Gas extraction
- Greenhouse gas emission reduction challenges

Dramatic loss of 20.000 jobs!!!

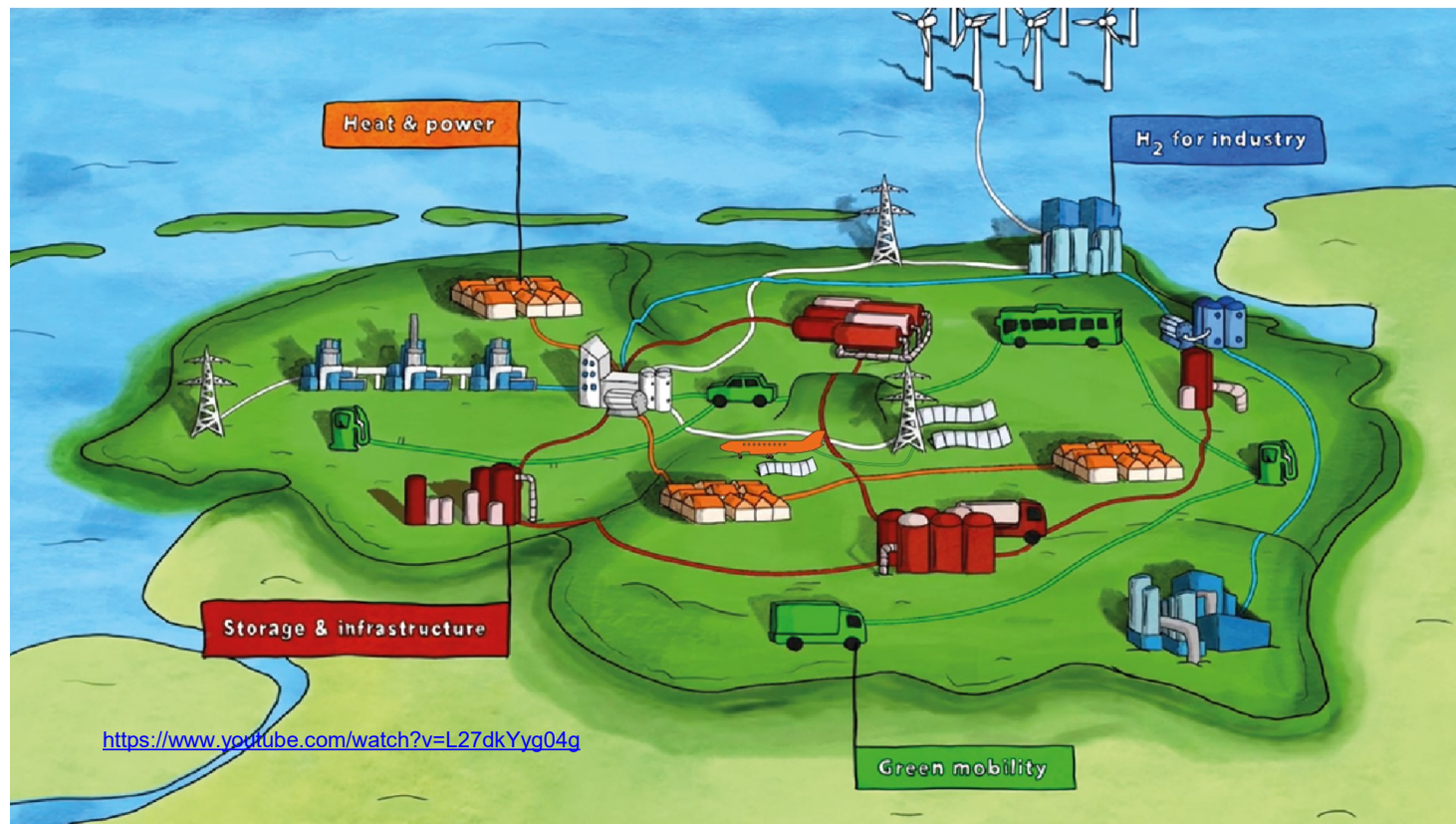
Target region, H2 fits as a glove

- Become a Integrated Hydrogen Economy
- Full green Hydrogen value chain
- Deployment → Clean and renewable energy, efficiency, GHG reduction, produce and use green Hydrogen in Industry, Built environment, Mobility
- Research and Innovation → advanced technologies
- Upskilling and reskilling of workers.

Becoming a Integrated Hydrogen Economy

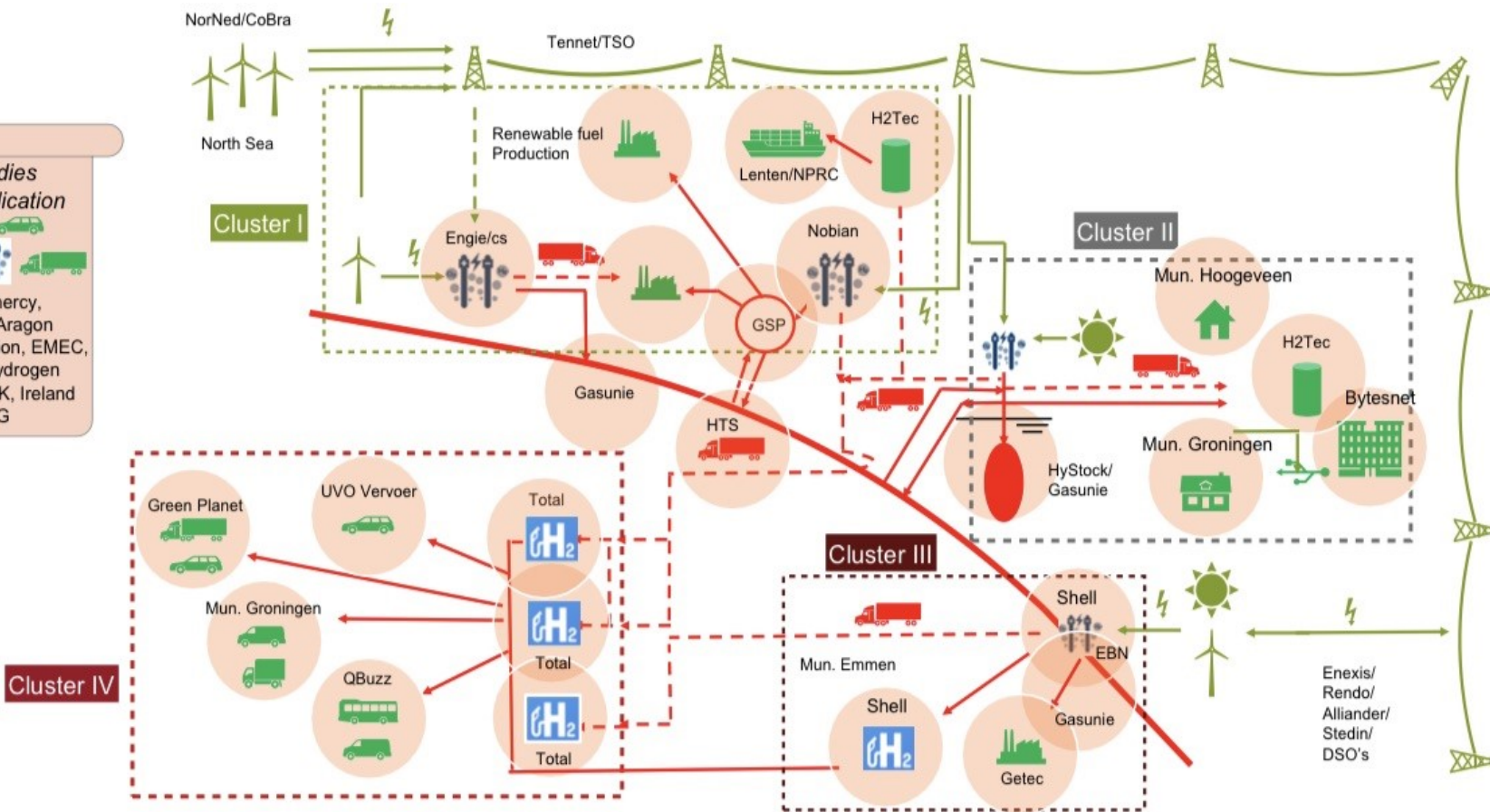


The *first* Hydrogen Valley of Europe

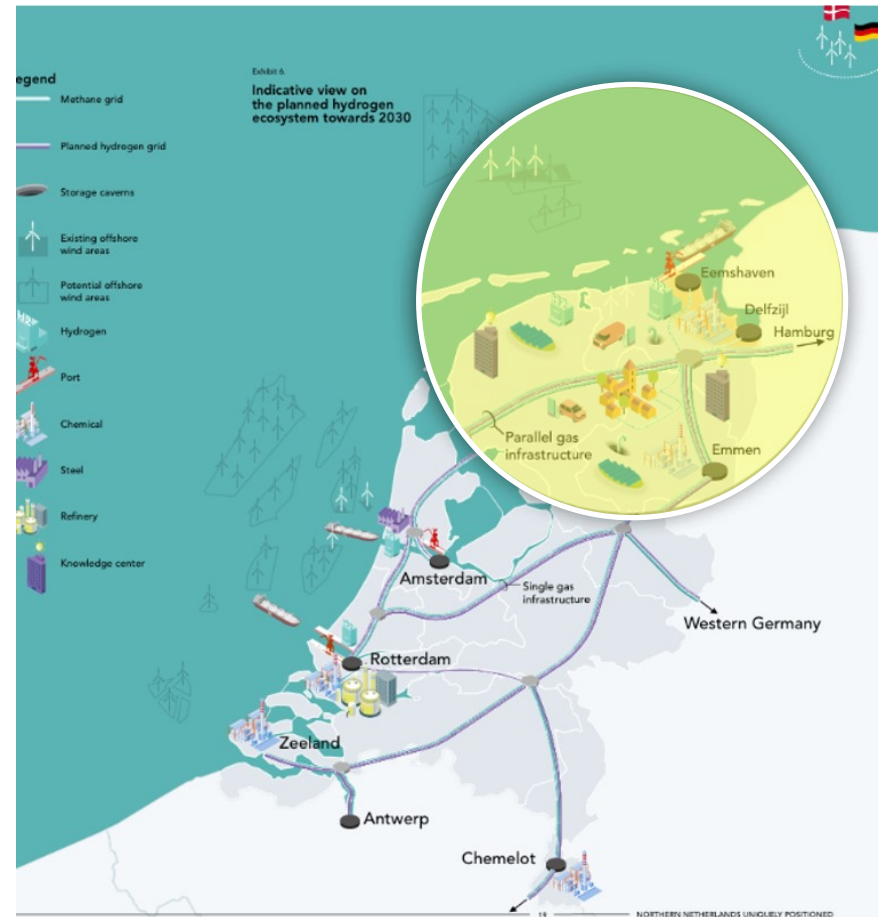
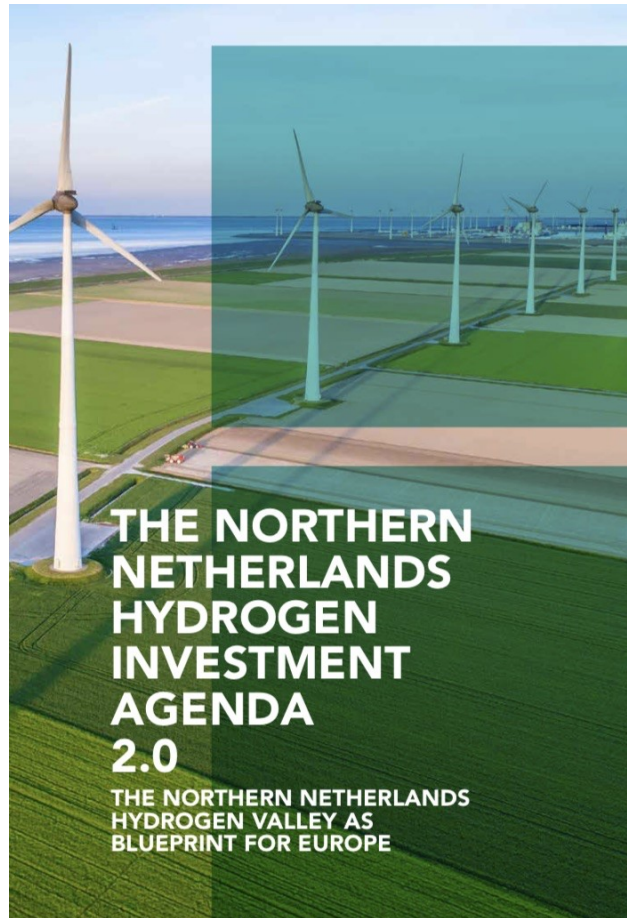


Studies & Replication

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



Hydrogen Investment Plan 2.0



Mission Innovation Hydrogen Valley Platform



<https://www.h2v.eu/>

Hydrogen Valley's perspective



"More of the same"

Hydrogen Valleys can help develop first H₂ projects in new markets and geographies



Connected Valleys

Connecting existing Hydrogen Valleys (e.g., NL and DE) can enable the market



Towards a commodity

Pioneering more mature and innovative de-risking and financing models

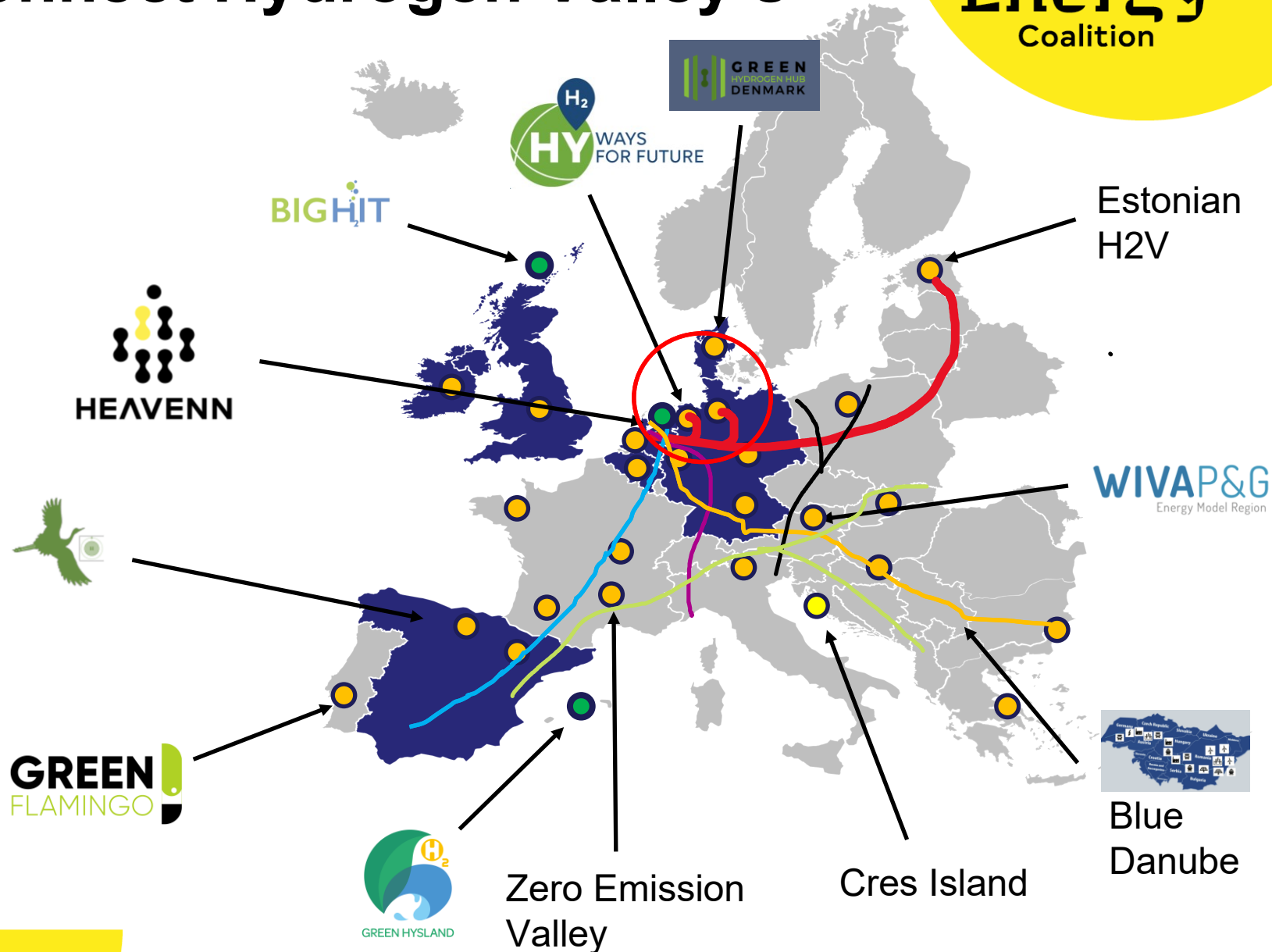


A green hydrogen future

Raising awareness and social acceptance at local and regional level

Connect Hydrogen Valley's

New
Energy
Coalition



Join us in Heavenn!

New
Energy
Coalition

Patrick Cnubben

p.cnubben@newenergycoalition.org

