

Building a H2 backbone in Belgium



Belgian Offshore Days - 9 March 2023

Laurent Remy



Agenda



1. **A purpose-driven company**
2. Energy transition
3. Fluxys vision of a H2 backbone

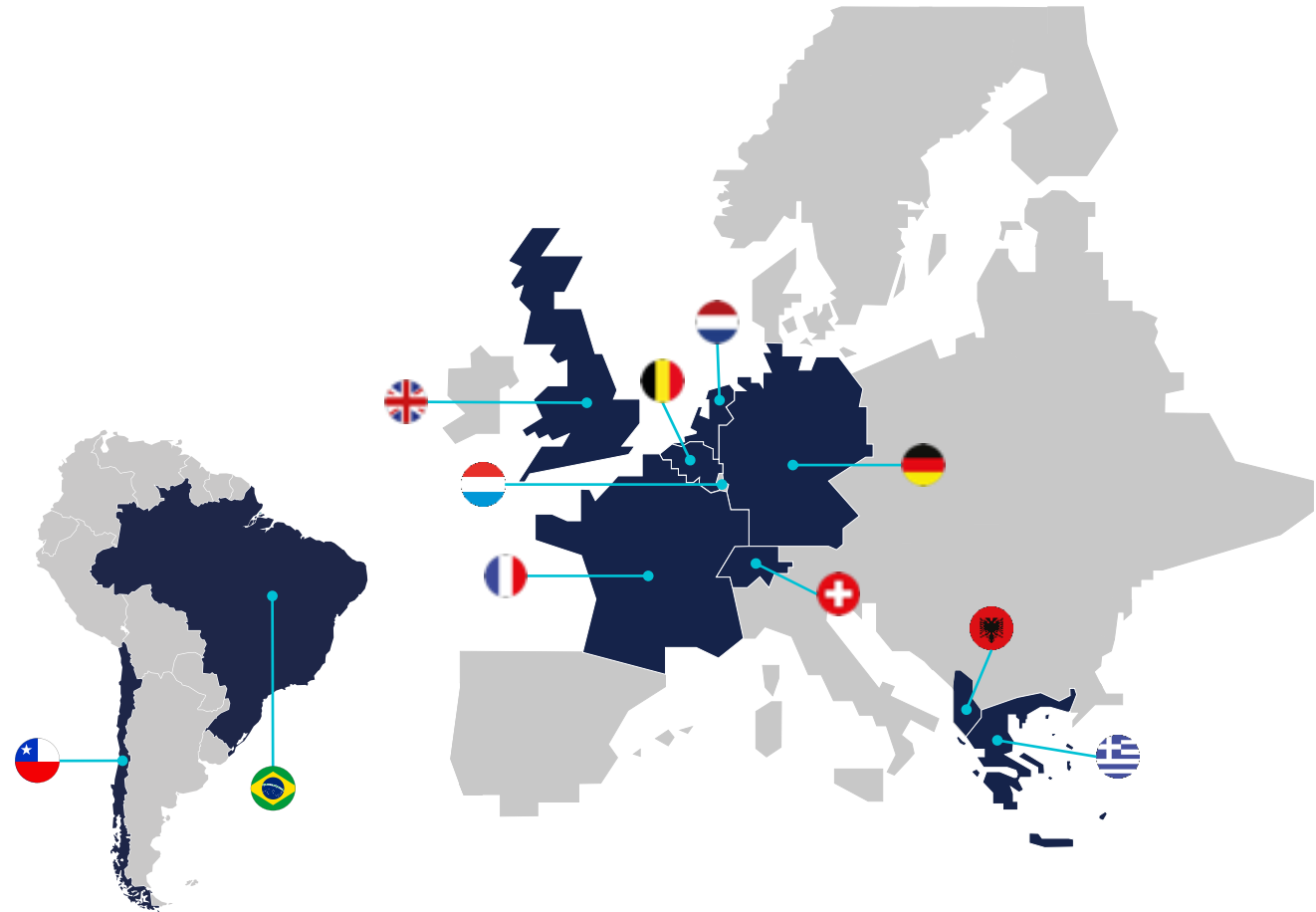


Who we are?

4 facts about Fluxys

- 1 Fully independent energy infrastructure partner headquartered in Belgium
- 2 Strong European presence with associated companies across Europe and entities in LatAm
- 3 A growing group of 1 300 employees
- 4 Purpose-driven company committed to building a greener energy future for the generations to come

shaping together a bright energy future



What we do?

We are a midstream infrastructure company, not involved in energy production or supply

Terminalling



380 TWh/y of
LNG regasification capacity with
terminals in Belgium, France,
Greece & Chile

Transmission



12 000 km
gas pipelines in operation

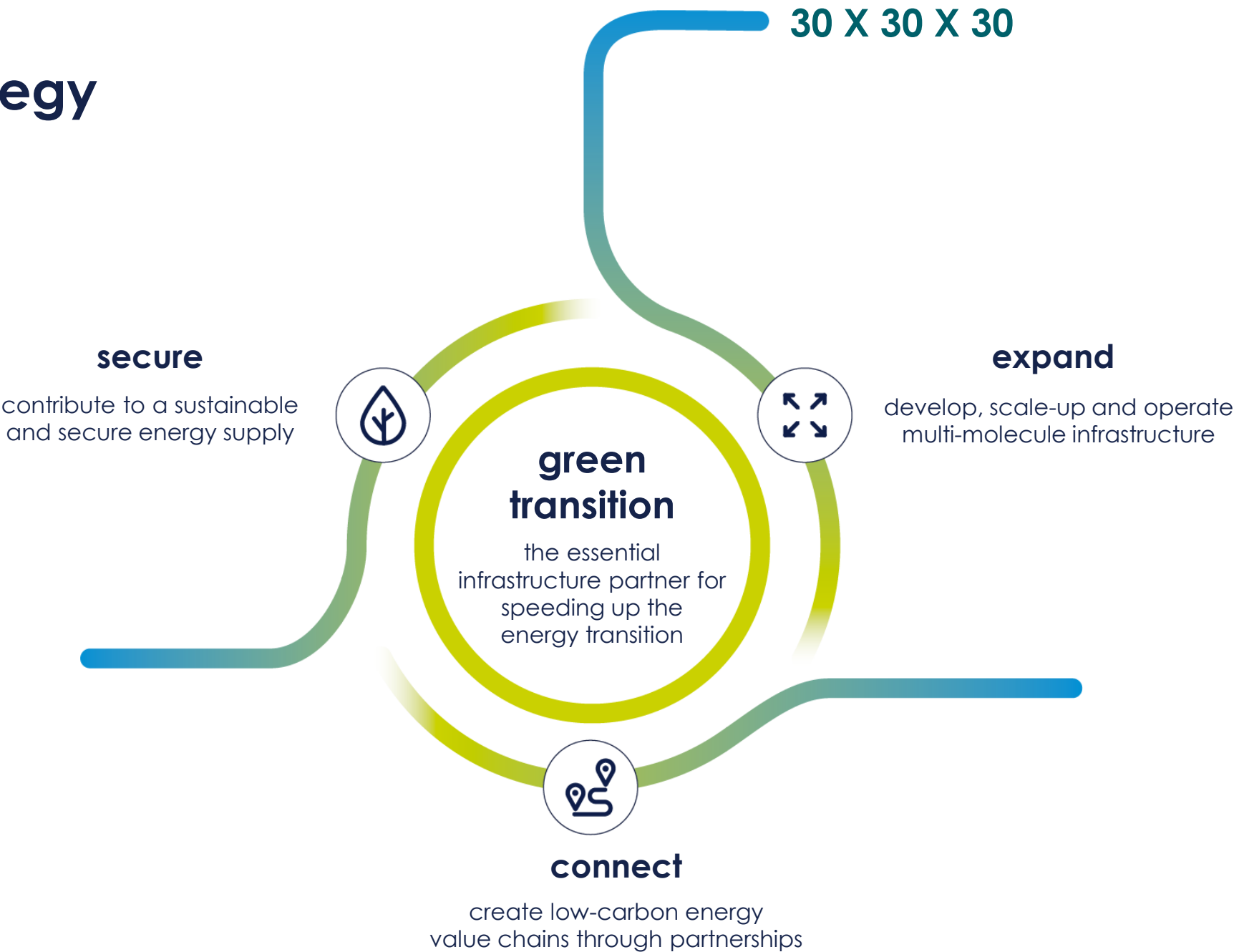
Storage



7610 GWh
underground
gas storage
in Belgium

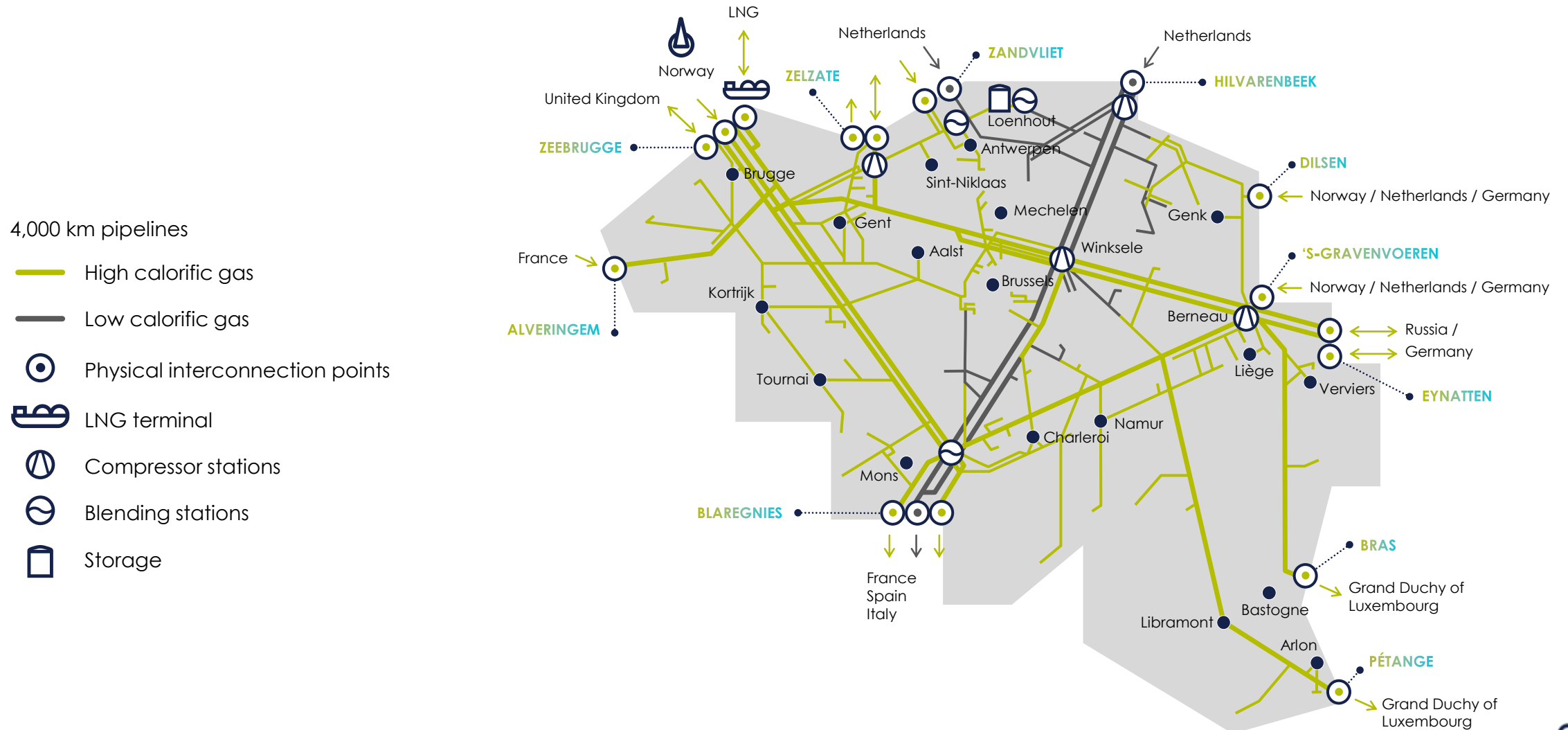


Our strategy



Key assets in Belgium: pipelines, LNG terminal, storage

100% open access and fully regulated activities



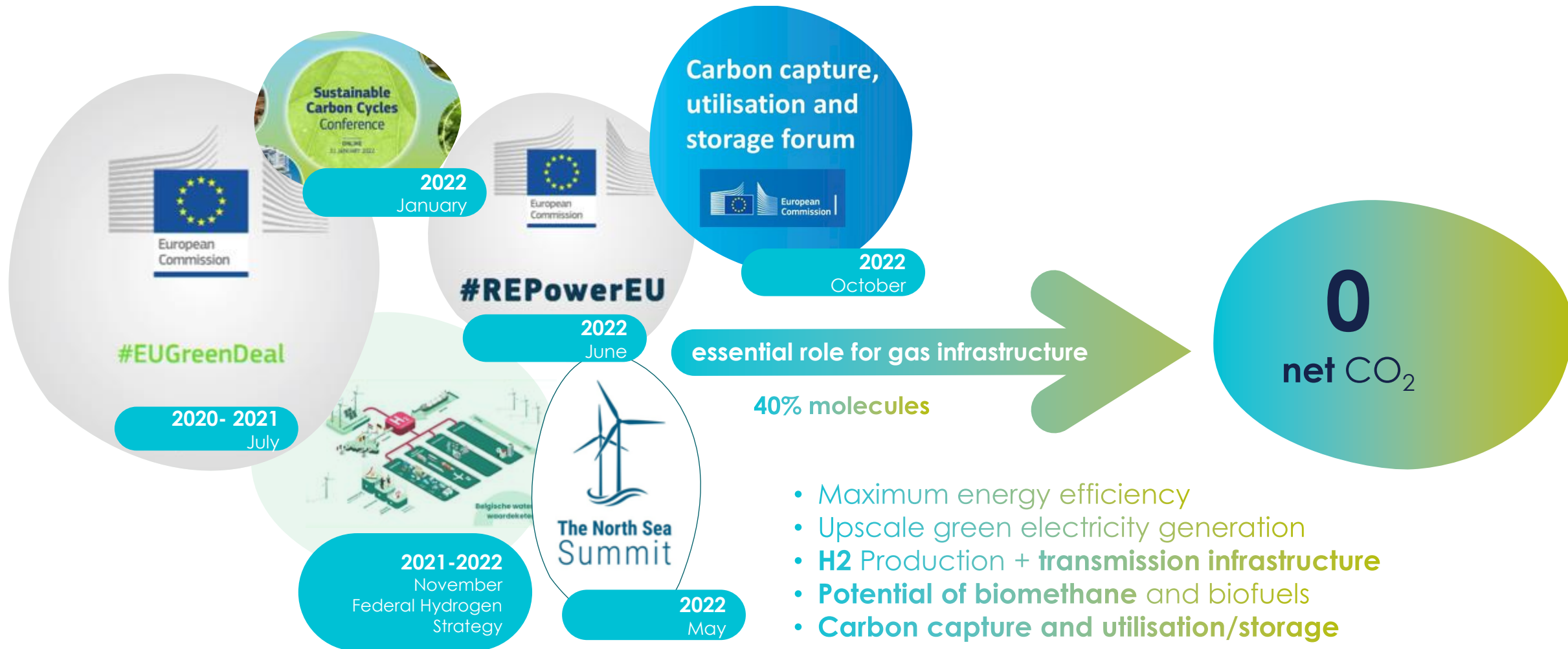
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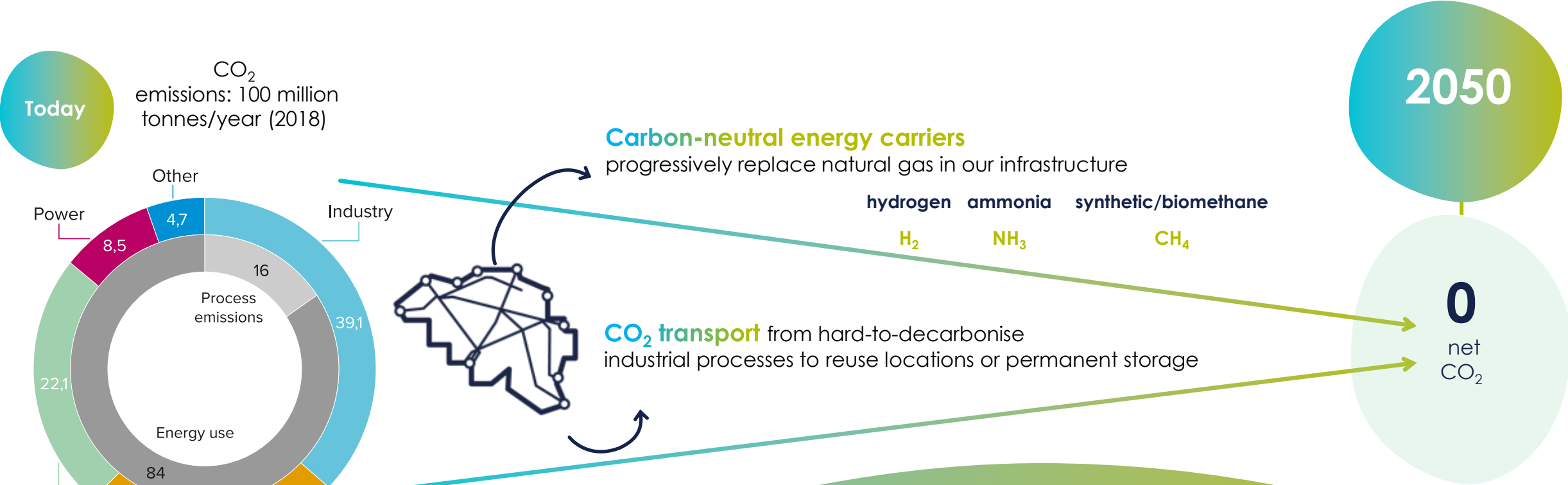
1. A purpose-driven company
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Fluxys fully supports the European Green Deal and major policy steps to bring net CO₂ emissions to zero by 2050

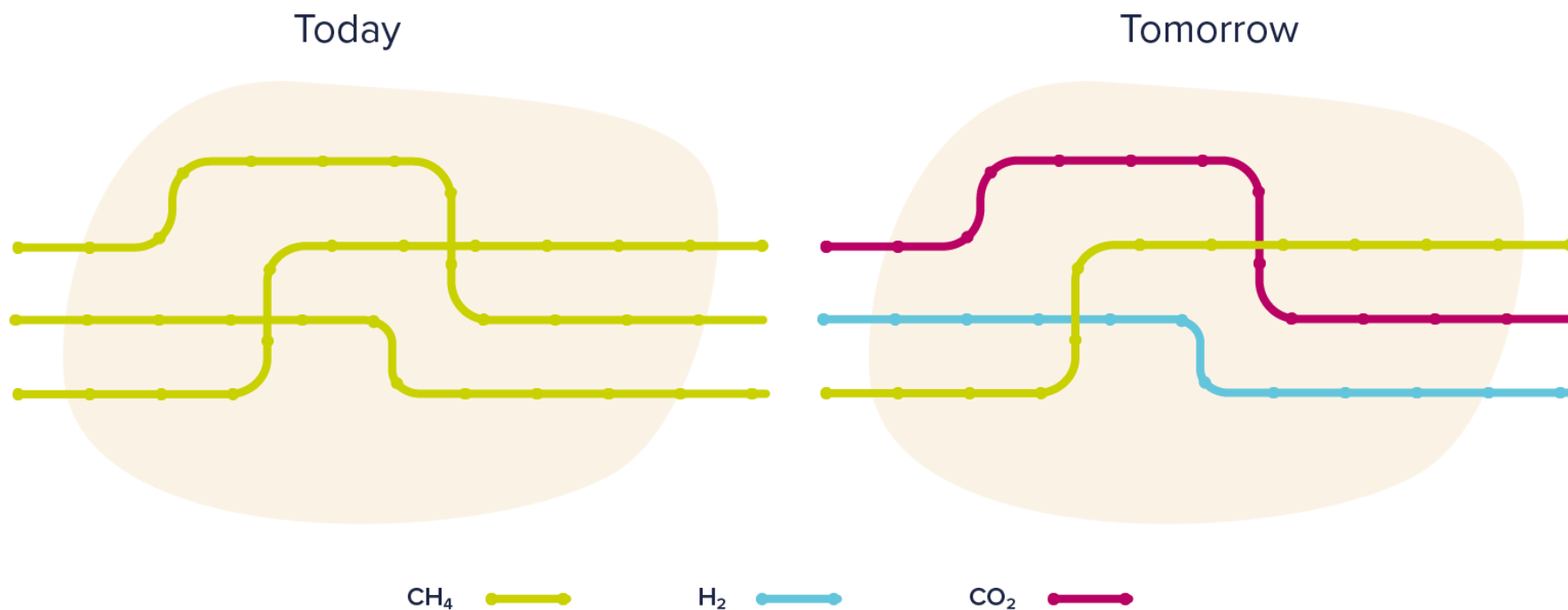


With our infrastructure we can make a key contribution to decarbonisation

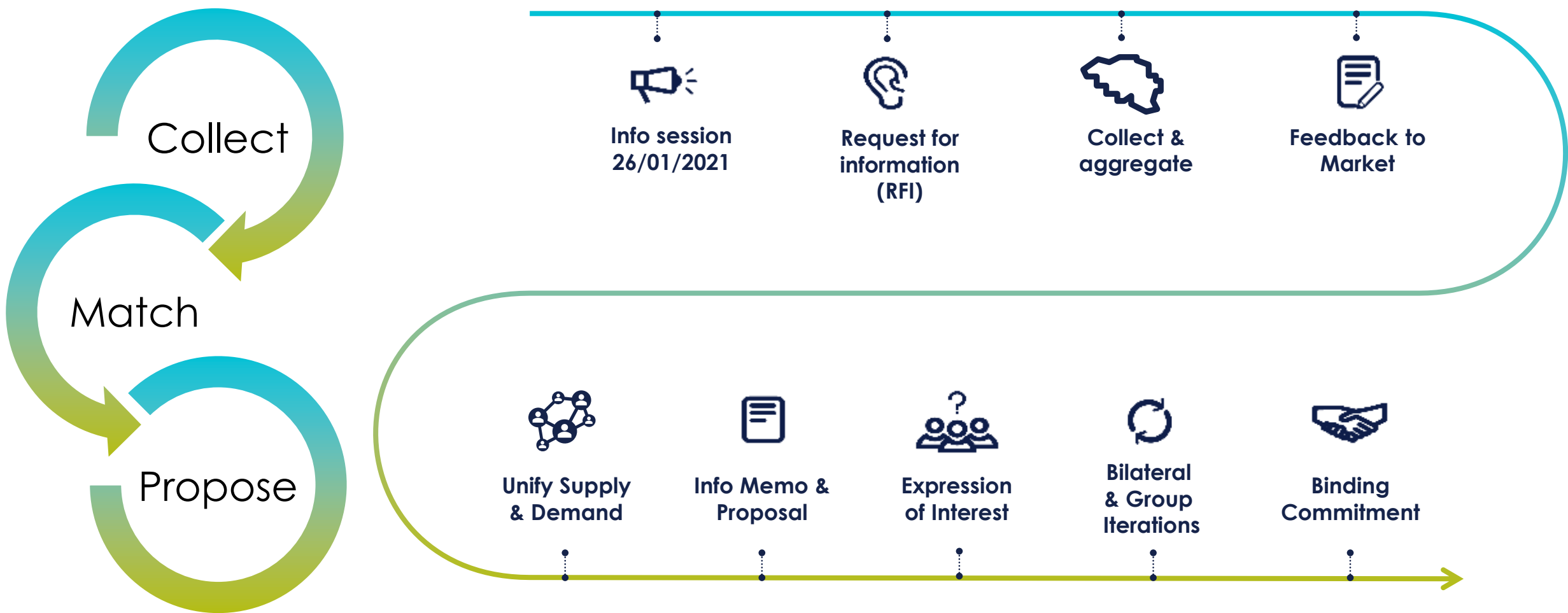


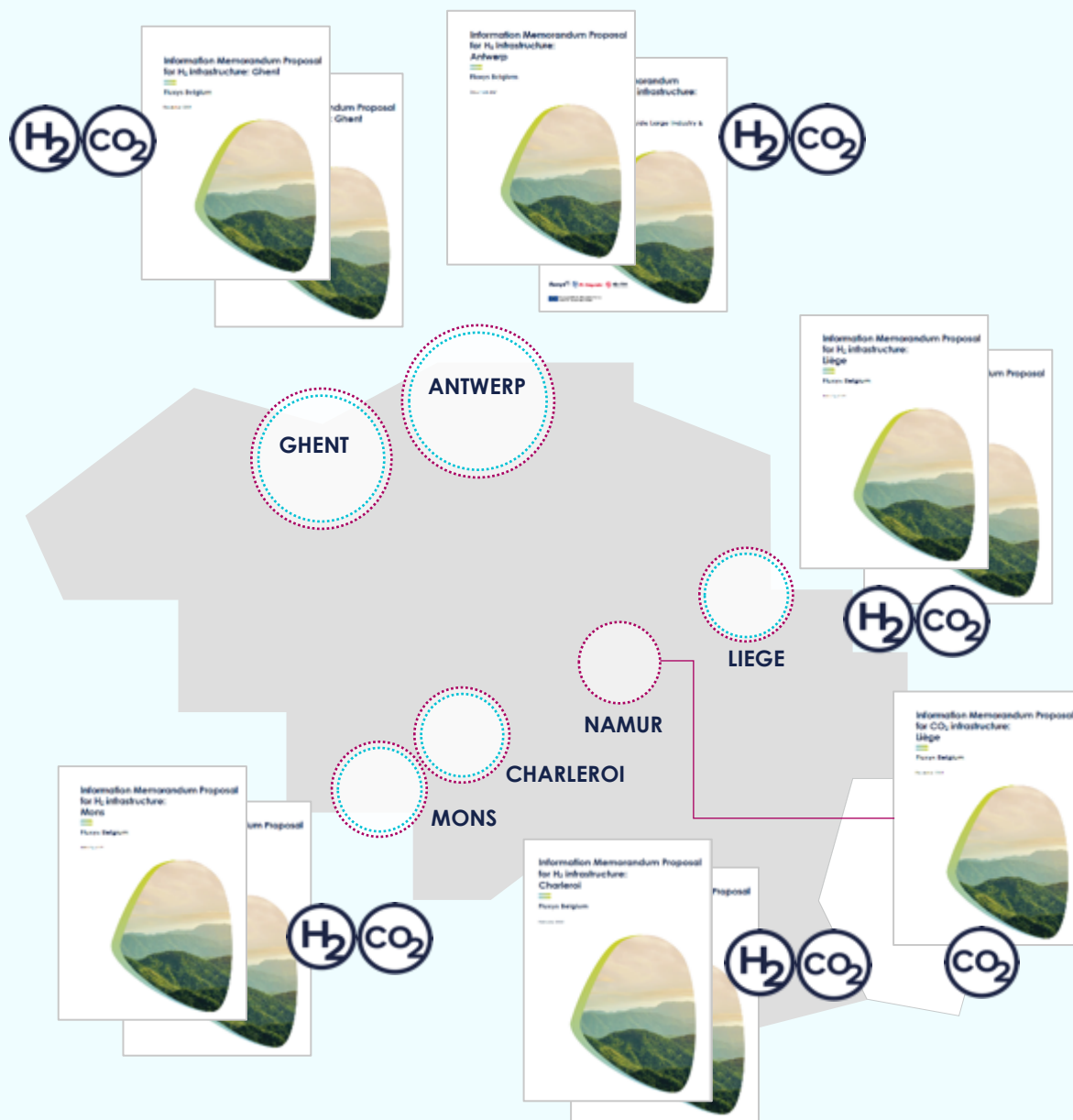
Natural gas = key energy bridge to a carbon-neutral society

Ready to sustainably re-use and develop our infrastructure into a multi-molecule system



Strong interest from industry





first infrastructure in 2026
length 150 km



today

industry expresses
its interest to join open
access H₂ and CO₂
infrastructure

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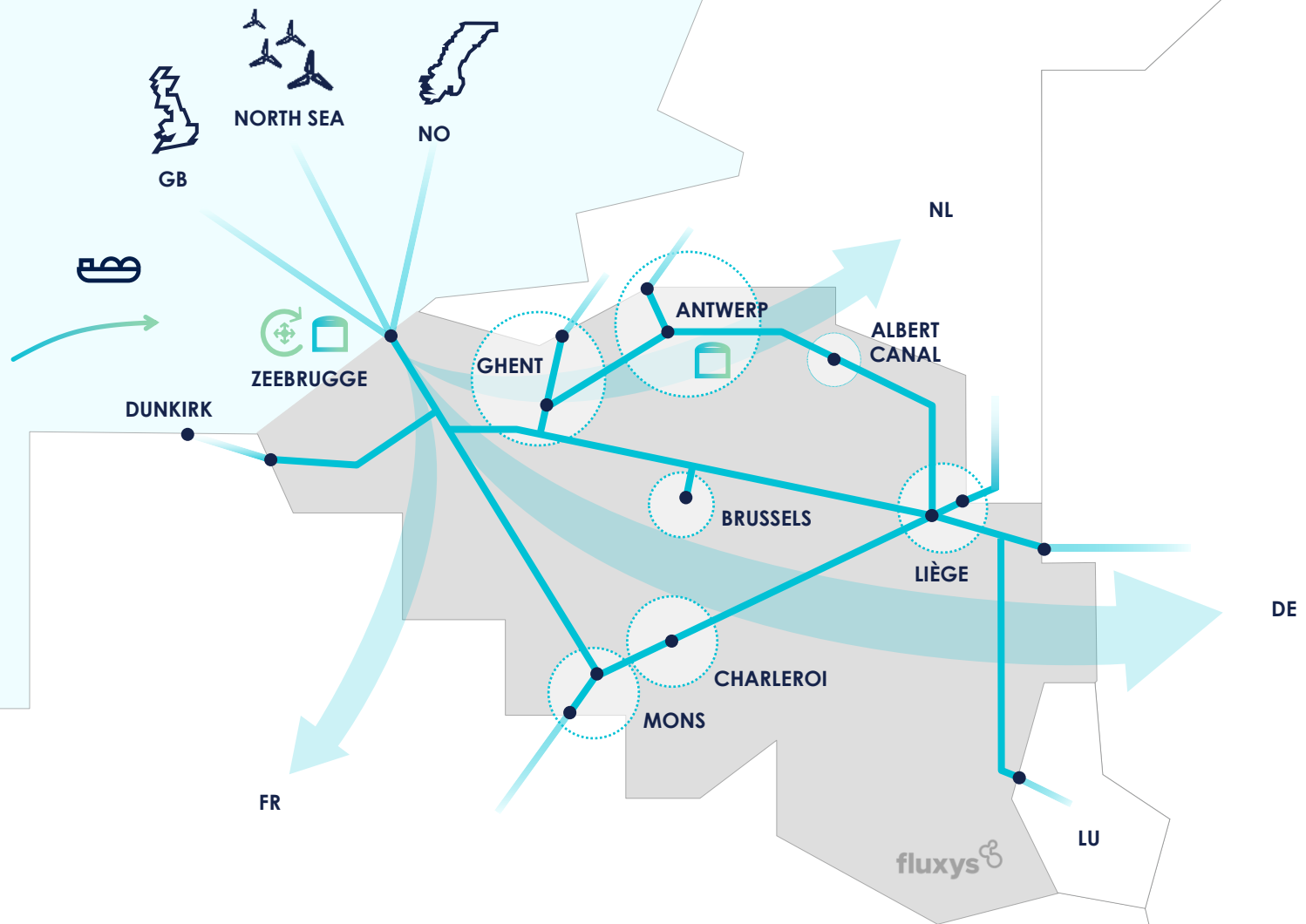


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H2



Fluxys Hydrogen network



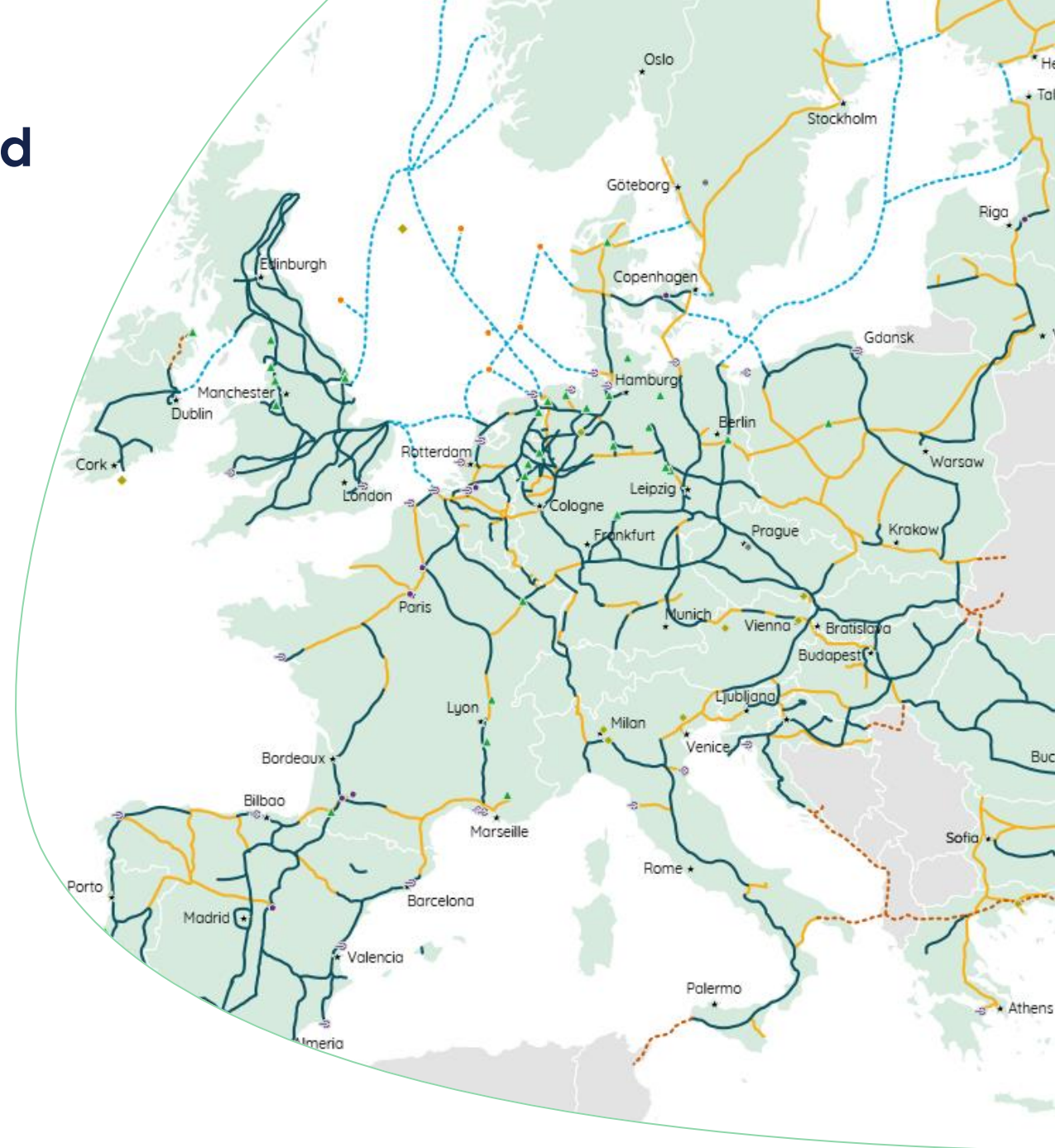
Shaping the hydrogen and carbon infrastructure for Belgium and beyond



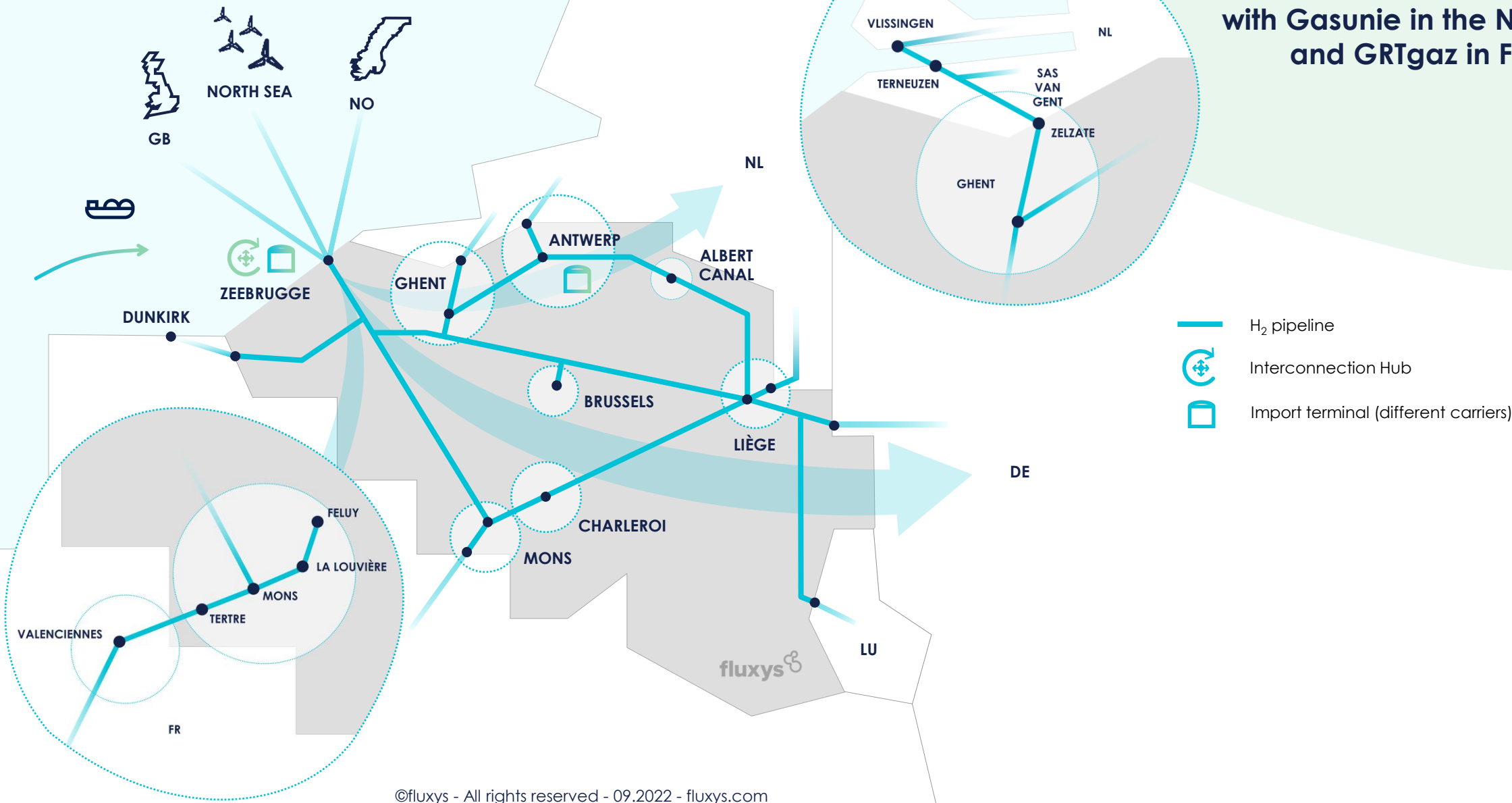
With cross-border connections linked to European Hydrogen Backbone

- **Vision 2030-2040** developed by 31 TSOs from 28 countries in line with EU hydrogen strategy
- **Fluxys** key **promotor** of vision and proposed H₂/CO₂ backbone Belgium integral part of EU backbone
- by 2030 **28.000 km** of H₂-grid
- by 2040 **53.000 km** of H₂-grid
- substantial repurposing of existing natural gas grids

Source : Extending the European Hydrogen Backbone – a European hydrogen infrastructure vision covering 28 countries, April 2022



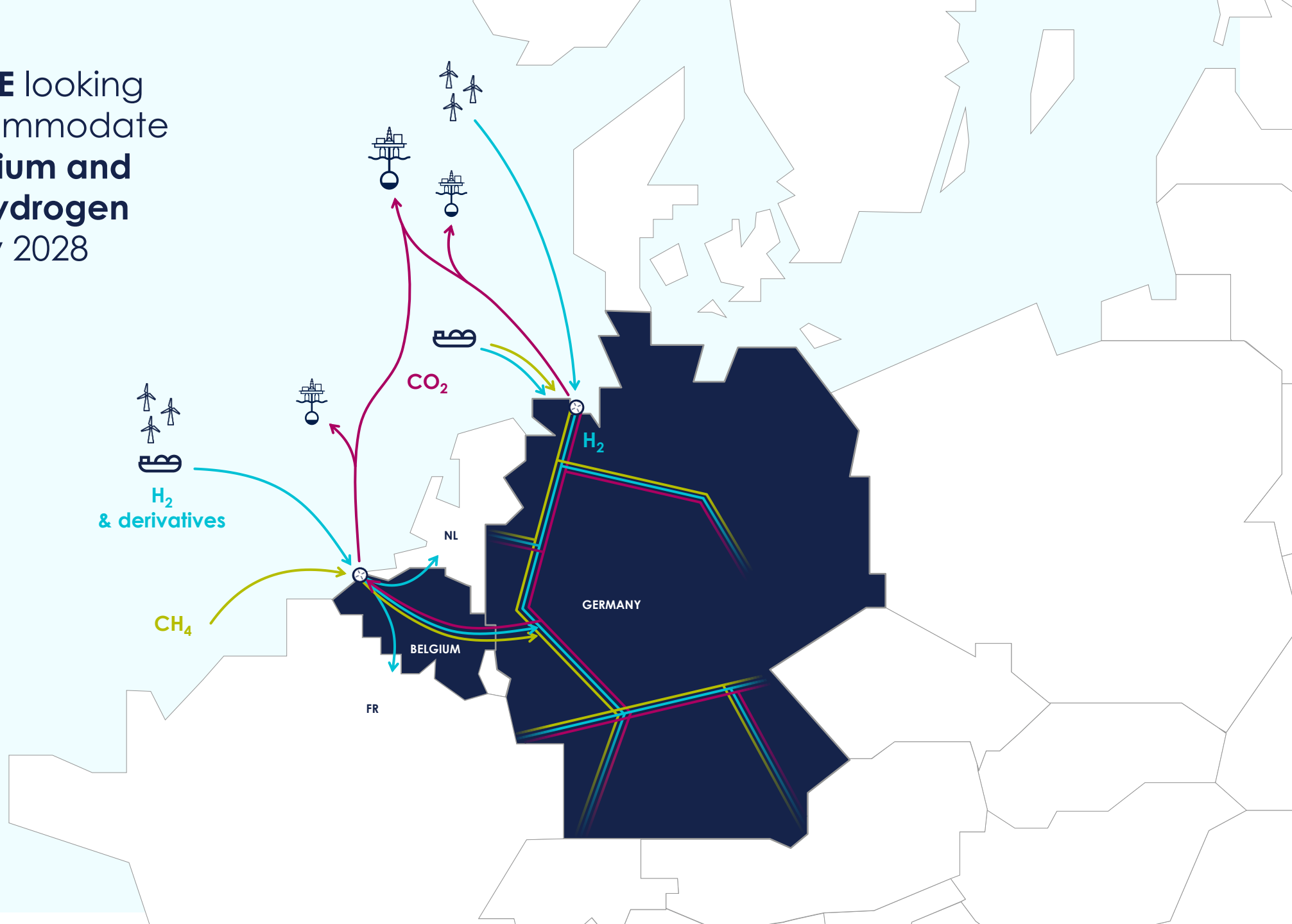
Fluxys Hydrogen network



First agreements for cross-border development with Gasunie in the Netherlands and GRTgaz in France



Fluxys and OGE looking forward to accommodate **between Belgium and Germany** a **hydrogen highway** by 2028



fluxys 