

**fluxys** 



**shaping together  
a bright energy  
future**

# Fluxys Belgium the driving force behind a carbon-neutral Belgium



Everyone needs energy: people, industry and communities. Fluxys Belgium meets that need. We've been moving energy for decades with our connected gas infrastructure. Today, we're preparing to repurpose our infrastructure for future generations and to transport carbon-neutral energy carriers and CO<sub>2</sub>.

# Today is a turning point

1

## The energy transition is moving full steam ahead

- European Green Deal
- Recovery plan for the EU and Belgium

2

## A carbon-neutral Europe by 2050 will mean a hybrid energy system for Belgium too

- Investing in energy efficiency
- Scaling up green electricity generation
- Quickly developing and consolidating the hydrogen economy
- Exploiting the potential of biomethane, synthetic methane, biofuels and other green gases such as methanol and synthetic ammonia
- Investing in CO<sub>2</sub> capture, reuse and storage

3

## Demand from industry

- Belgian industry is demanding green gas and CO<sub>2</sub> transmission so it can decarbonise

4

## Consolidating Belgium's long-term role as a gas crossroads

- Belgium is an international crossroads for natural gas. With the carbon-neutral gases of tomorrow Belgium can continue playing this strategic energy role long into the future

## Together!

Our energy future will be hybrid: Belgium needs both electricity and gases as carbon-neutral energy carriers. Fluxys Belgium is tackling the energy challenge head-on by innovating, transforming its infrastructure and collaborating.

# Fluxys Belgium: our assets for supporting energy policy

## Open access

As an **independent** infrastructure operator, we have 20 years' experience when it comes to **open access** to the natural gas grid

## Cost efficiency

We combine cost-efficiency with sustainability of our **existing infrastructure**

## Neutral

We are a **completely infrastructure-based** company whose core shareholders are the Belgian municipalities, meaning that the public interest comes first

## Strategic grid

We are **regarded across Europe** as an **experienced operator**, and the Belgian grid with its Zeebrugge terminal is an international crossroads for energy flows

**Independent** gas infrastructure partner

Headquarters **in Belgium**

**1,200 staff** in Belgium, the UK, France, Germany, Switzerland and Singapore

## Fluxys Belgium: part of the Fluxys Group

More than **8,000 km of pipes** in Europe

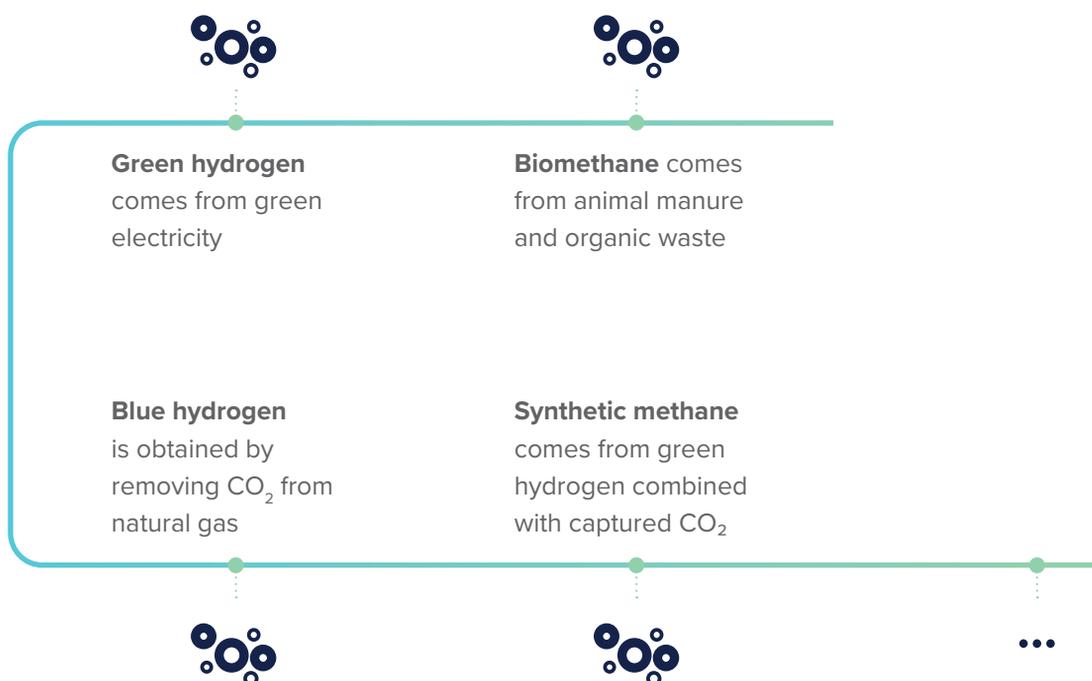
**Liquefied natural gas terminals** in Belgium and France

**Underground natural gas storage** near Antwerp

# Innovating and investing in a hydrogen and carbon backbone for Belgium



## Energy carriers of tomorrow



# Optimally reusing Fluxys infrastructure to reduce CO<sub>2</sub> emissions

- Biomethane, synthetic methane, hydrogen and other green gases – carbon-neutral energy carriers – will gradually replace natural gas in our infrastructure
- We will transport for reuse or storage the CO<sub>2</sub> captured in hard-to-decarbonise industrial processes

