

Energy and feedstock hub



The European demand for green and circular resources generates exciting opportunities. Port of Antwerp-Bruges has the ambition to become a major import hub for the hydrogen supply chain to Europe's industrial hinterland, and help drive change towards a greener, more sustainable future.

Change starts here.

Your green gateway to Europe

Hydrogen hub

It is clear that solar and wind will become the renewable energy sources of the future. As a solution to the lack of enough sun and wind in Belgium and Western Europe, Port of Antwerp-

Bruges invests in **importing renewable energy**, from for example Oman and Chile, and thus complementing local green and blue hydrogen production. **Hydrogen and molecules** derived from it, such as ammonia, methanol, methane or LOHC's (the so-called hydrogen carriers),

offer the solution because they make it possible to transport large volumes long-distance. Moreover these molecules are already processed and transported through our port infrastructure and companies today.

By 2026 an **open-access hydrogen backbone** will be in operation in the Antwerp platform, connecting Antwerp to Zeebrugge and the German hinterland between 2028 and 2030. The existing terminal infrastructure for ammonia, methanol and LNG will be adapted in the coming years for the rising hydrogen import flows and connected to splitting or cracking installations for reconversion to hydrogen gas.

Circular feedstock

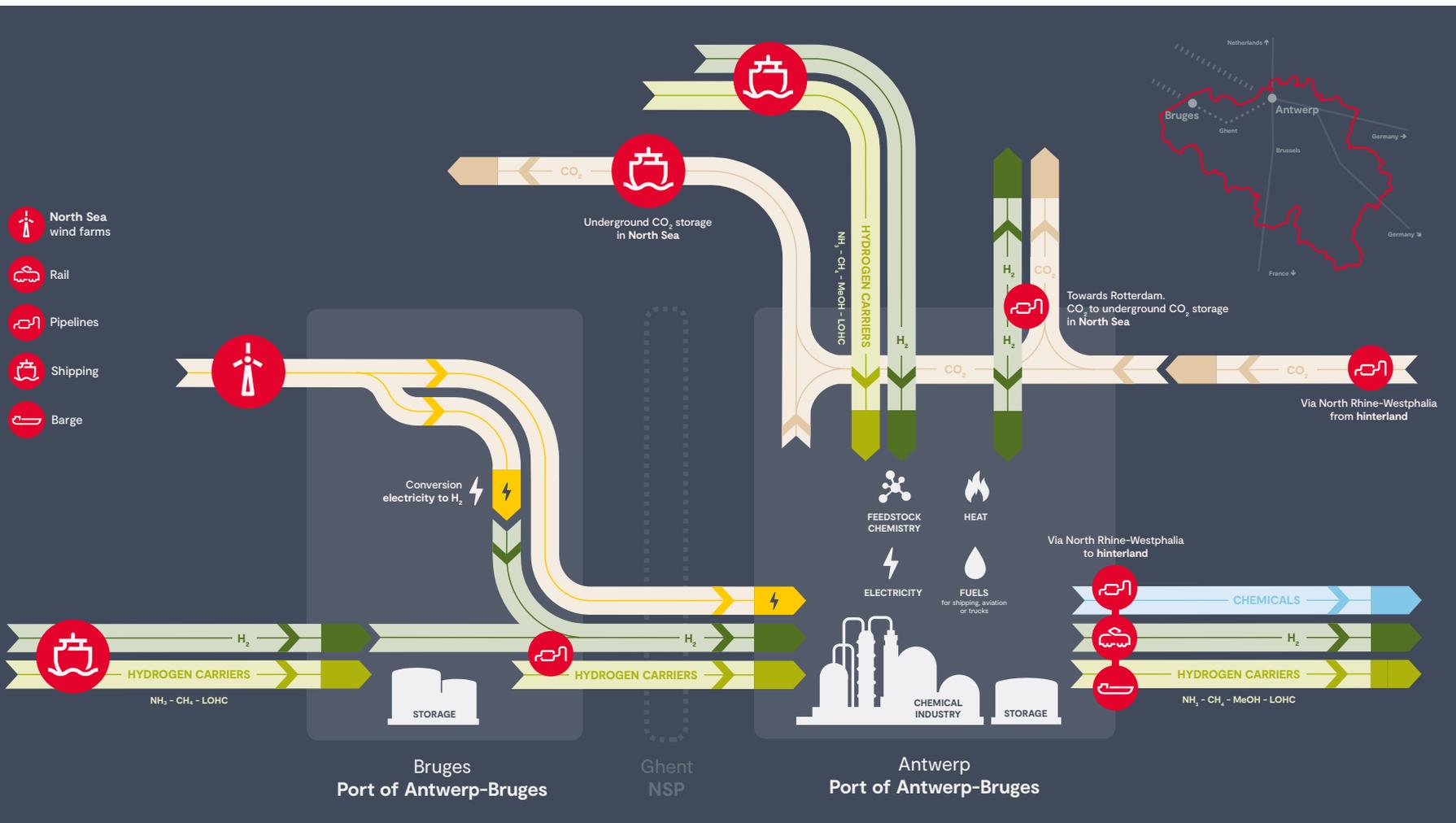
The use of renewable and recycled feedstock (so-called circular feedstock) in the (chemical) industry will increase in the coming years. Whether the **raw materials** are of **biogenic origin** or come from **waste streams**, the excellent maritime and hinterland connectivity, the existing terminals and logistics infrastructure, offer many opportunities to companies to source their raw materials via the Port of Antwerp-Bruges.

Carbon Capture Utilisation & Storage

The capture and storage of CO₂ (CCS) and, over time, the reuse of CO₂ as a raw material for various applications (CCU) are seen as important steps in the transition to a **carbon-neutral port**.

As such, we are joining forces with seven leading players from the energy and chemical sector in the Antwerp@C project with the potential to reduce the CO₂ emissions in Antwerp by half between now and 2030.

An **open access CO₂-transport network** in the Antwerp port area is under development. From 2025 companies will be able to export captured carbon from the port platform in Antwerp to offshore CO₂ storage facilities.



More information



Hydrogen Hub



Circular feedstock



Carbon Capture Utilisation



Contact our specialist



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Port of Antwerp-Bruges has an excellent position as a European gateway. With maritime connections to more than 1000 ports, Port of Antwerp-Bruges is at the heart of international world trade. The port has an excellent position as a European gateway, with an extensive intermodal network by rail and barge. In addition, we have a strong supply of feedstock flows. As the largest integrated European chemical cluster, our port is ready for the challenges of today and preparing for tomorrow.

So how can we help you shape your sustainable future?

COLOPHON