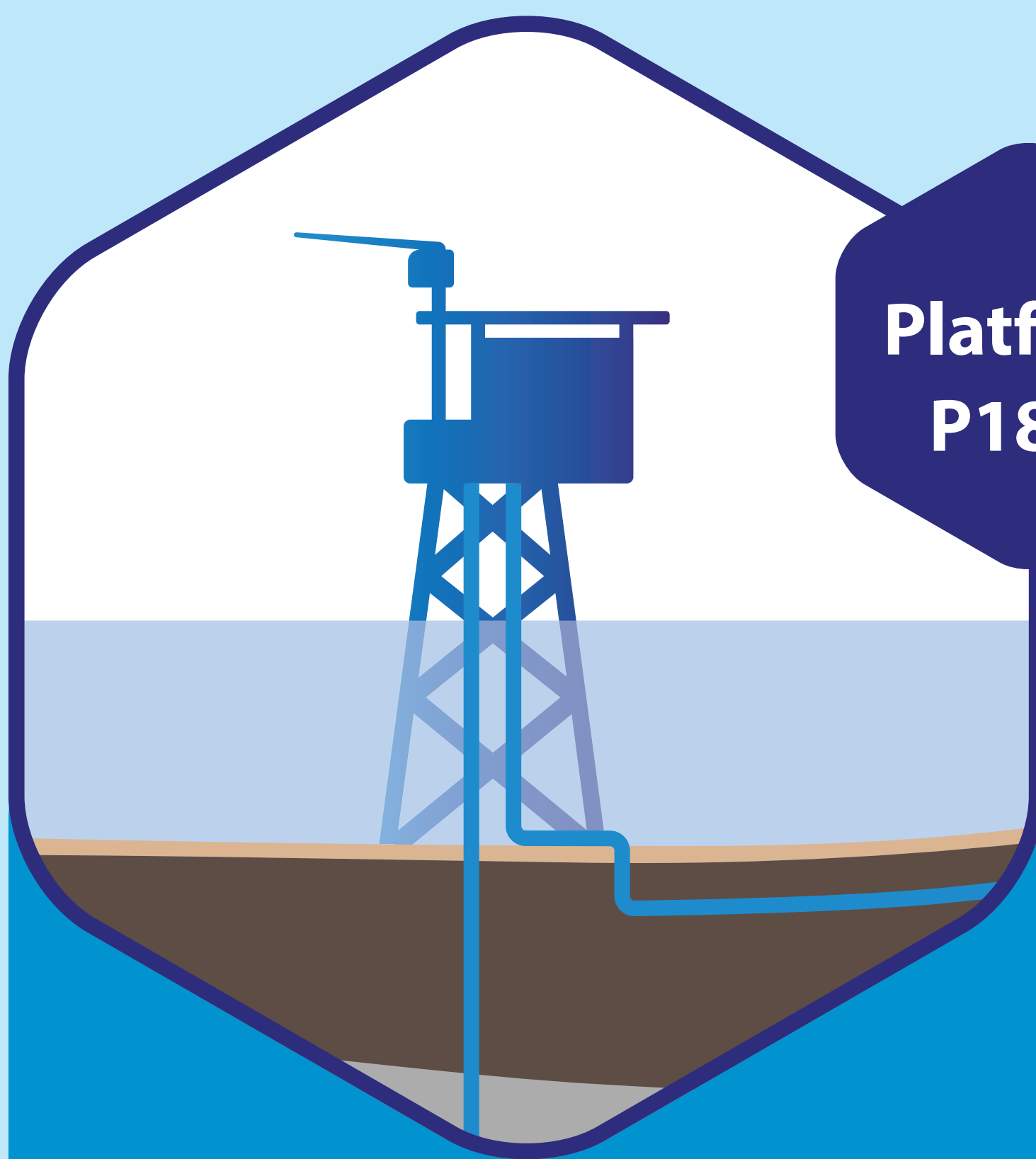


Project components



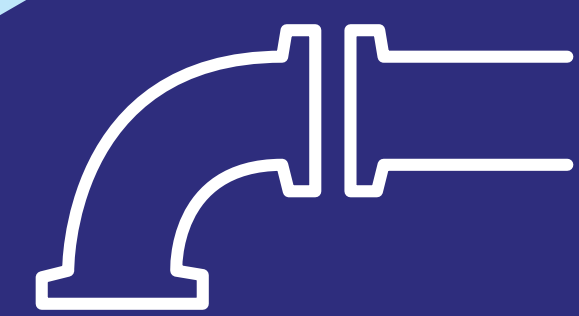
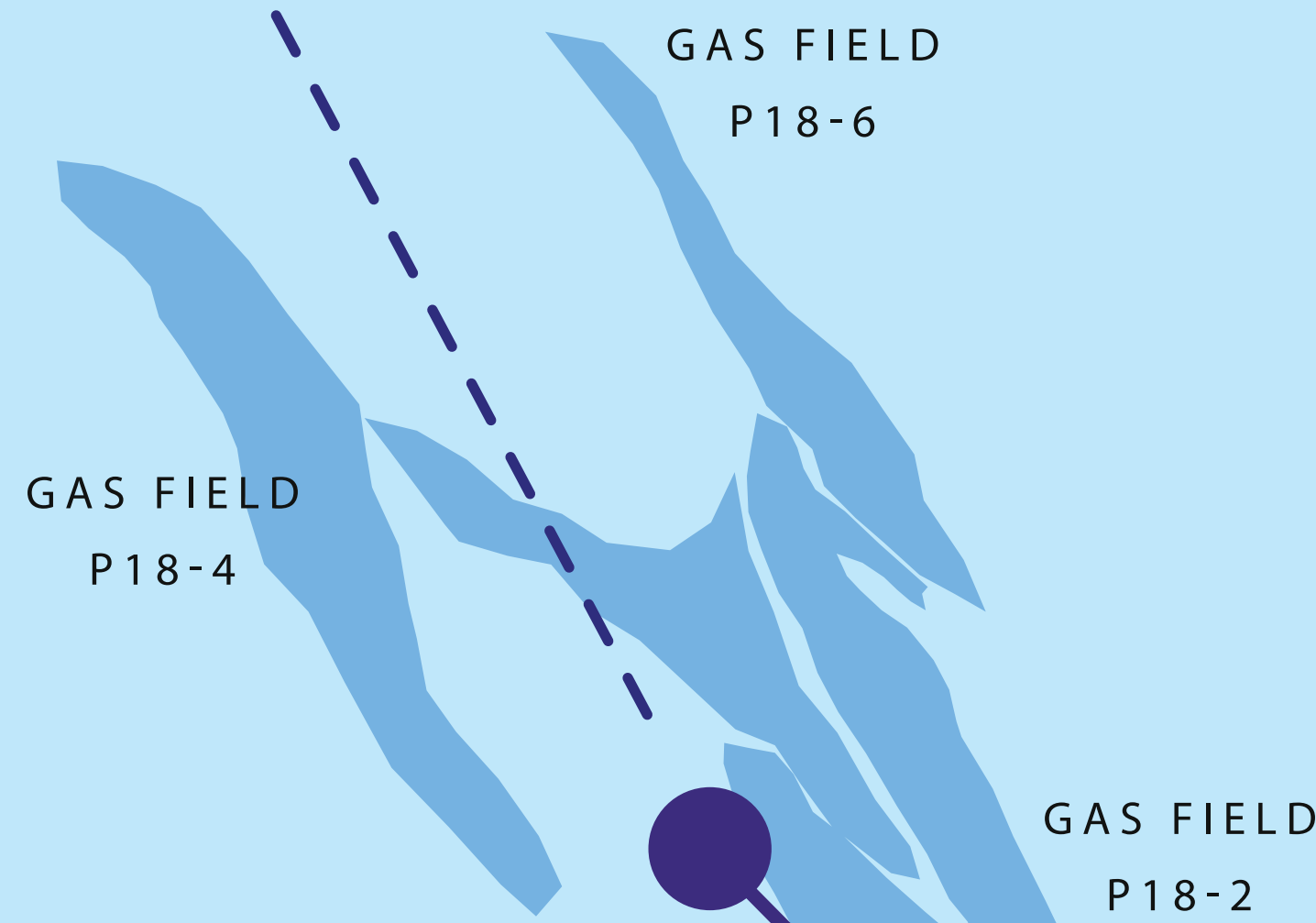
Platform
P18-A

Storage

The CO₂ will be transported to a platform on the North Sea, approximately **20 km off the coast**.

From this platform, the CO₂ will be pumped in empty gas fields. The gas fields are situated in a sealed reservoir of porous sandstone, more than **3 km beneath the North Sea**.

Porthos will **store around 37 Mt CO₂**; approximately 2.5 Mt CO₂ per year for 15 years.

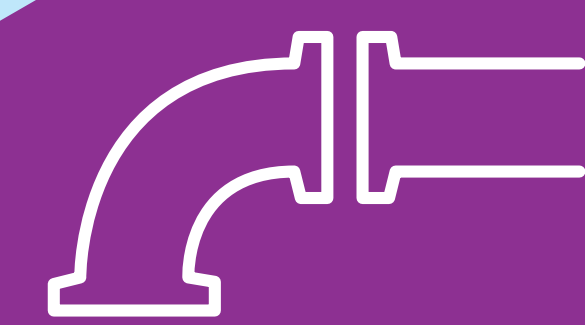


Offshore pipeline

From the compressor station, an offshore pipeline will transport the CO₂ to platform P18-A on the North Sea.

The offshore pipeline is approximately **22 km long** and has a **diameter of 40 cm** (16 inches).

The maximum pressure in the offshore pipeline is **130 bar**. The CO₂ is in a gaseous state with the characteristics of a liquid.



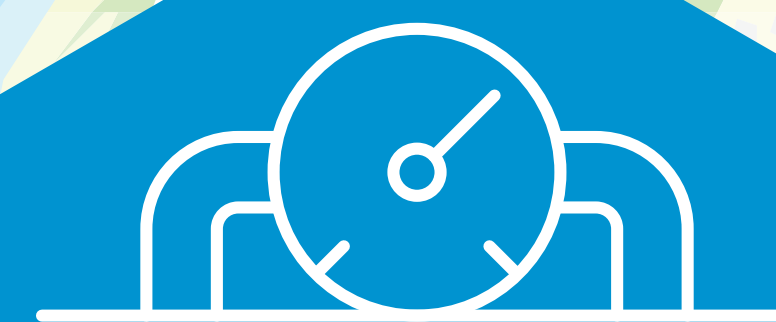
Onshore pipeline

The CO₂ that will be transported and stored by Porthos, will be captured by various companies.

The companies will supply their CO₂ to a collective pipeline that runs through the Rotterdam port area.

The onshore pipeline is approximately **30 km long** and has a **diameter of 108 cm** (42 inches).

The collected CO₂ will flow through the pipeline in a gaseous state at a **pressure of 35 bar**.



Compressor station

At the compressor station on the Maasvlakte, the CO₂ will be pressurised to a maximum of **130 bar**.