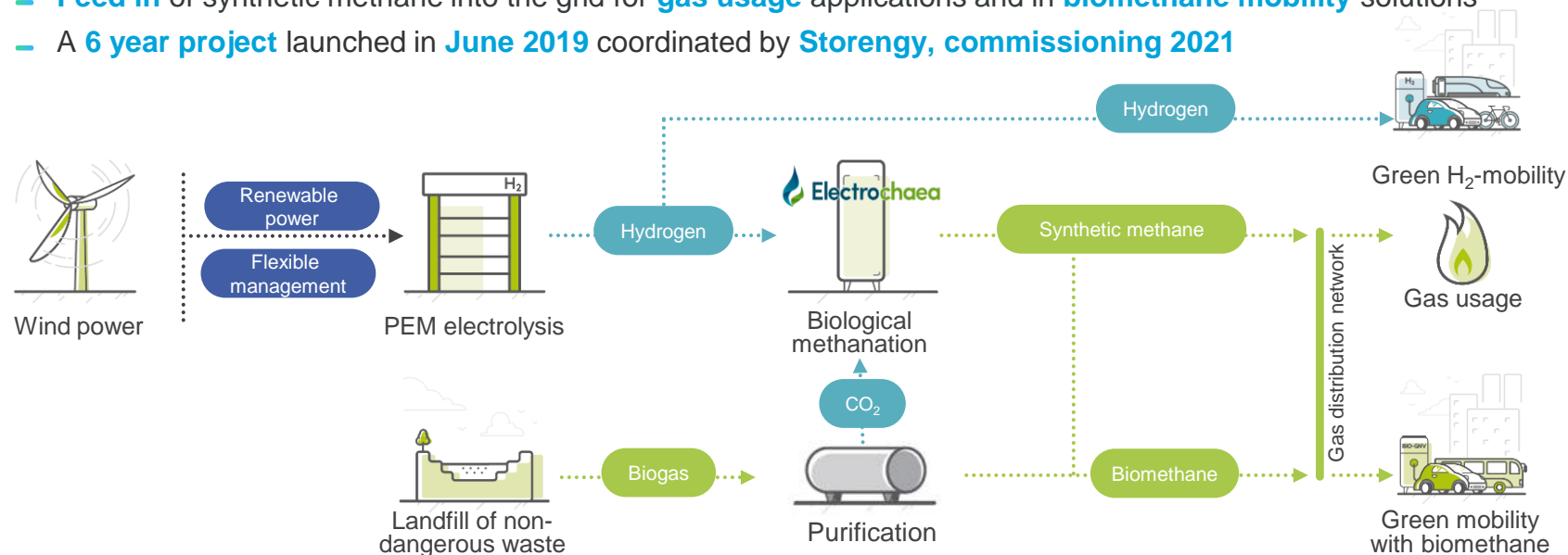


Engie's proven competencies in Power-to-Gas with methanation – Project Hycaunais in Auxerre (FR)

Project Hycaunais: Pilot project that carries out several objectives: to forecast power production from onshore wind, to assess flexibility on a PEM electrolyser, and to adapt biological methanation to landfill biomethane production

- Coupling of **H₂ electrolysis**, **biogas** generation and **methanation** for green mobility and network feed in
- Generation of green hydrogen from wind power with **electrolysis** power of **1 MW / 2 MW_p**
- Valorisation of CO₂ from Biogas sourcing from a **landfill** of non-dangerous waste
- Partial distribution of green hydrogen in **refuelling stations** for **H₂ mobility**
- **Feed in** of synthetic methane into the grid for **gas usage** applications and in **biomethane mobility** solutions
- A **6 year project** launched in **June 2019** coordinated by **Storengy, commissioning 2021**



Project partners



Engie site audit to assess available gas qualities