

DEMETHA

Industrialization program for CO₂ and biogas processing

Running tests

Demonstration, under expected usage conditions, of a prototype that closely matches the size of the targeted applications

- Inoculation of microorganisms and development of the biological consortium
- Processing raw (unpurified) biogas under industrial operating conditions

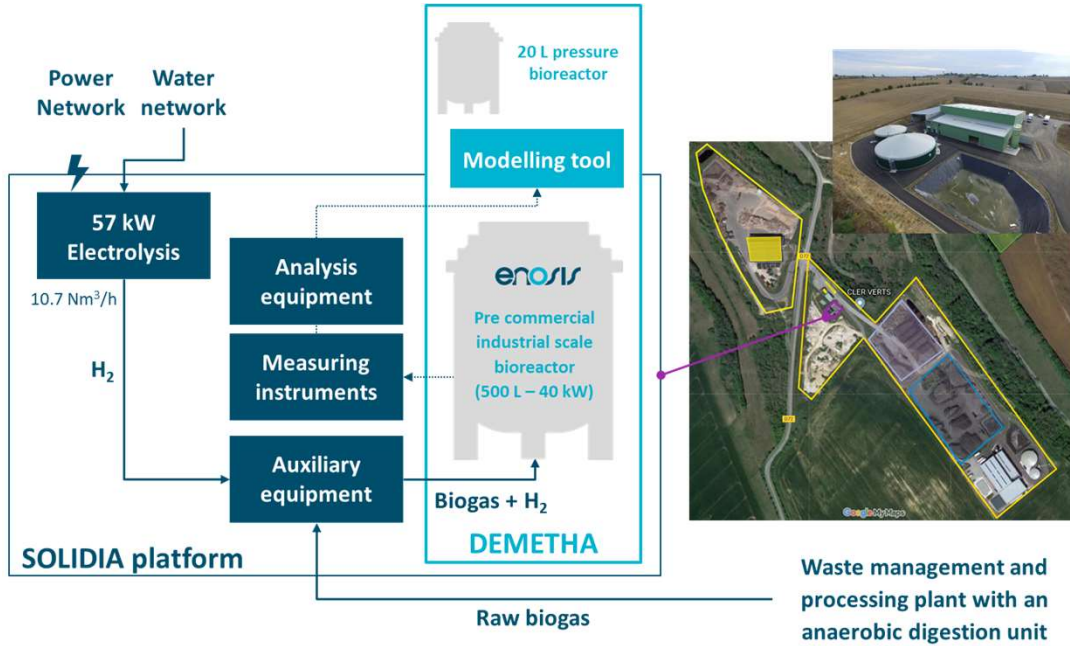
Engineering work

Detailed design studies for the industrial manufacturing of facilities – Application to TRIFYL

- Designing a detailed commercial unit for CO₂ or biogas treatment
- Identifying and consulting equipment suppliers

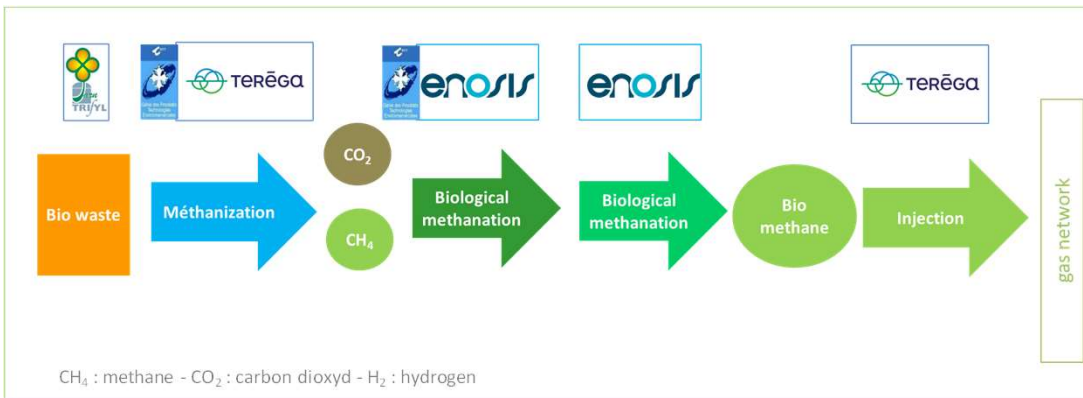
Preliminary studies and prototype manufacturing: 2020 - 2021

Prototype operation and detailed studies : 2021 - 2022



A collaborative program involving key industry players

➔ Address all techno-economic challenges



- Waste recovery syndicate of TarnTarn
 - Technical and economic validation
 - Feasibility study
- Gas transmission network operator
 - Gas conformity study
 - SOLIDIA platform operation
- Centre Régional Innovation et Transfert de Technologie
 - Assistance conduite essais
 - SOLIDIA platform operation