



SEMPRE-BIO

The SEMPRE-BIO project: SEcuring doMestic PRoduction of cost-Effective BIOMethane

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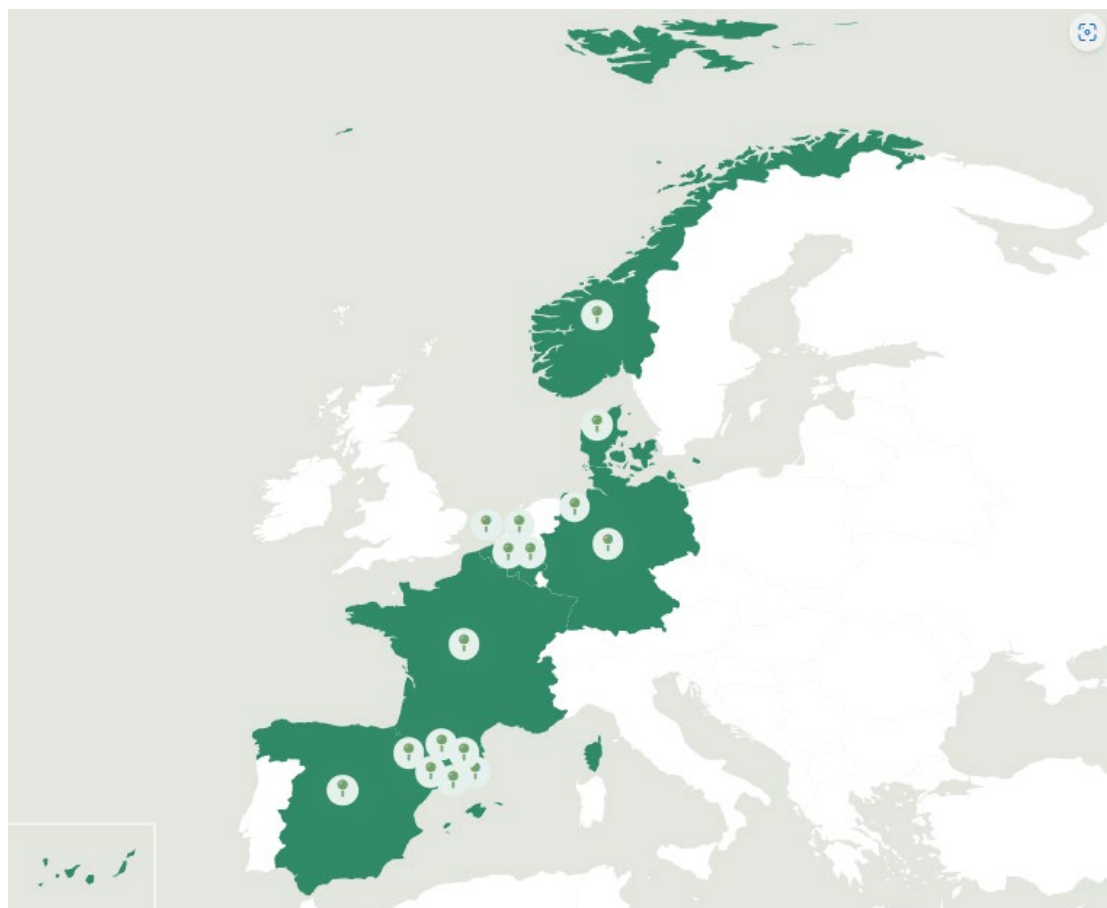
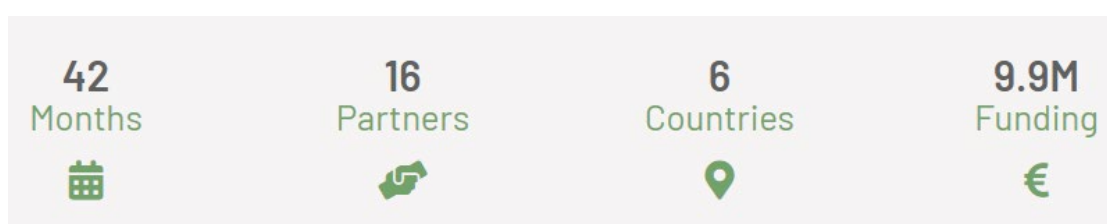


The SEMPRE-BIO Project...

SEMPRE-BIO aims to demonstrate novel and cost-effective biomethane production solutions and pathways, deemed essential to achieve the European Green Deal and climate and energy targets for 2030 and the net zero greenhouse gas emissions by 2050, and to increase the market up-take of biomethane related technologies.

...in numbers

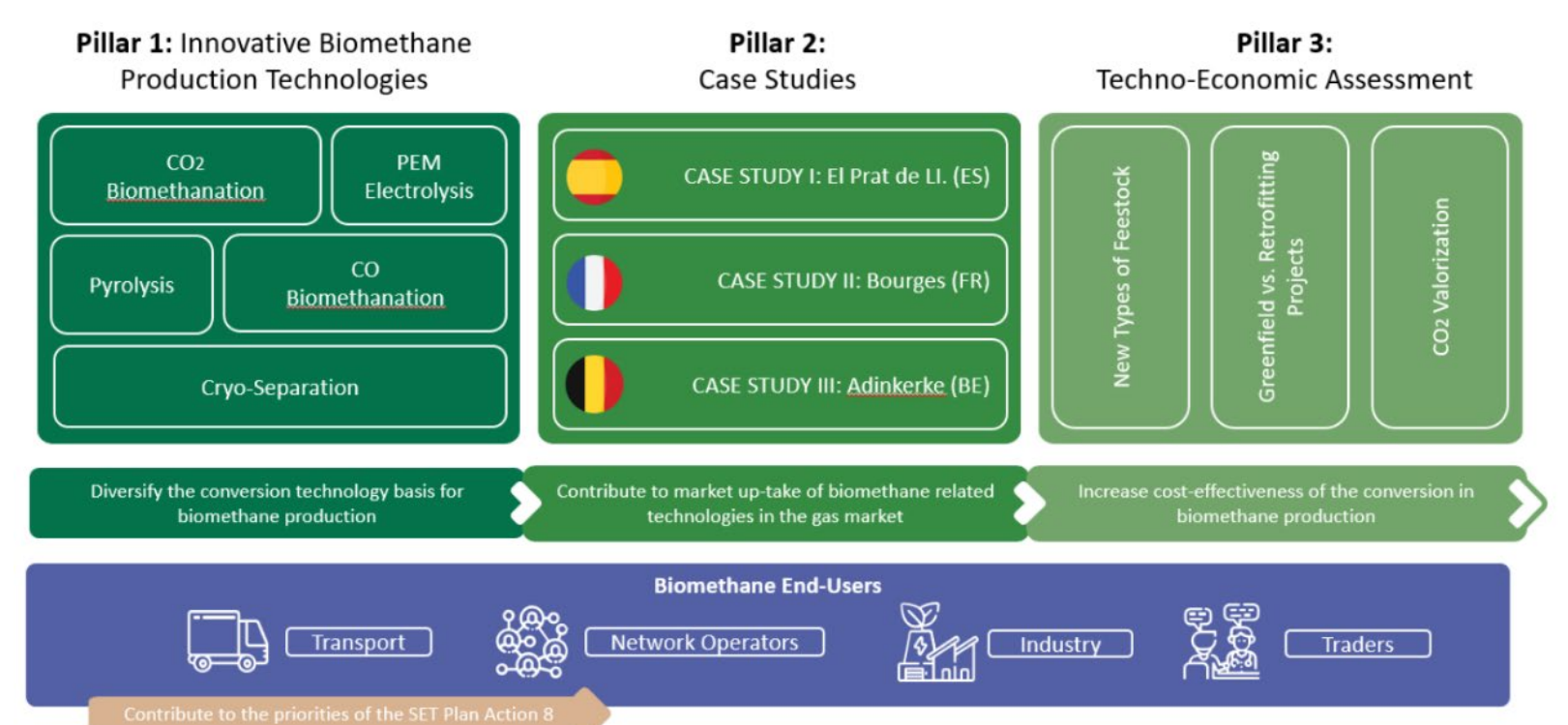
SEMPRE-BIO is a 42-month European project in which 16 partners will participate from 6 different countries.



... in PILLARS

SEMPRE-BIO is based on 3 main pillars:

1. Innovative Biomethane technologies
2. Case Studies
3. Techno-economic assessment



... in MILESTONES

SEMPRE-BIO expects to meet 4 specific mid-term outcomes resulting in a CLEANER, MORE SUSTAINABLE AND SECURE ENERGY SUPPLY.

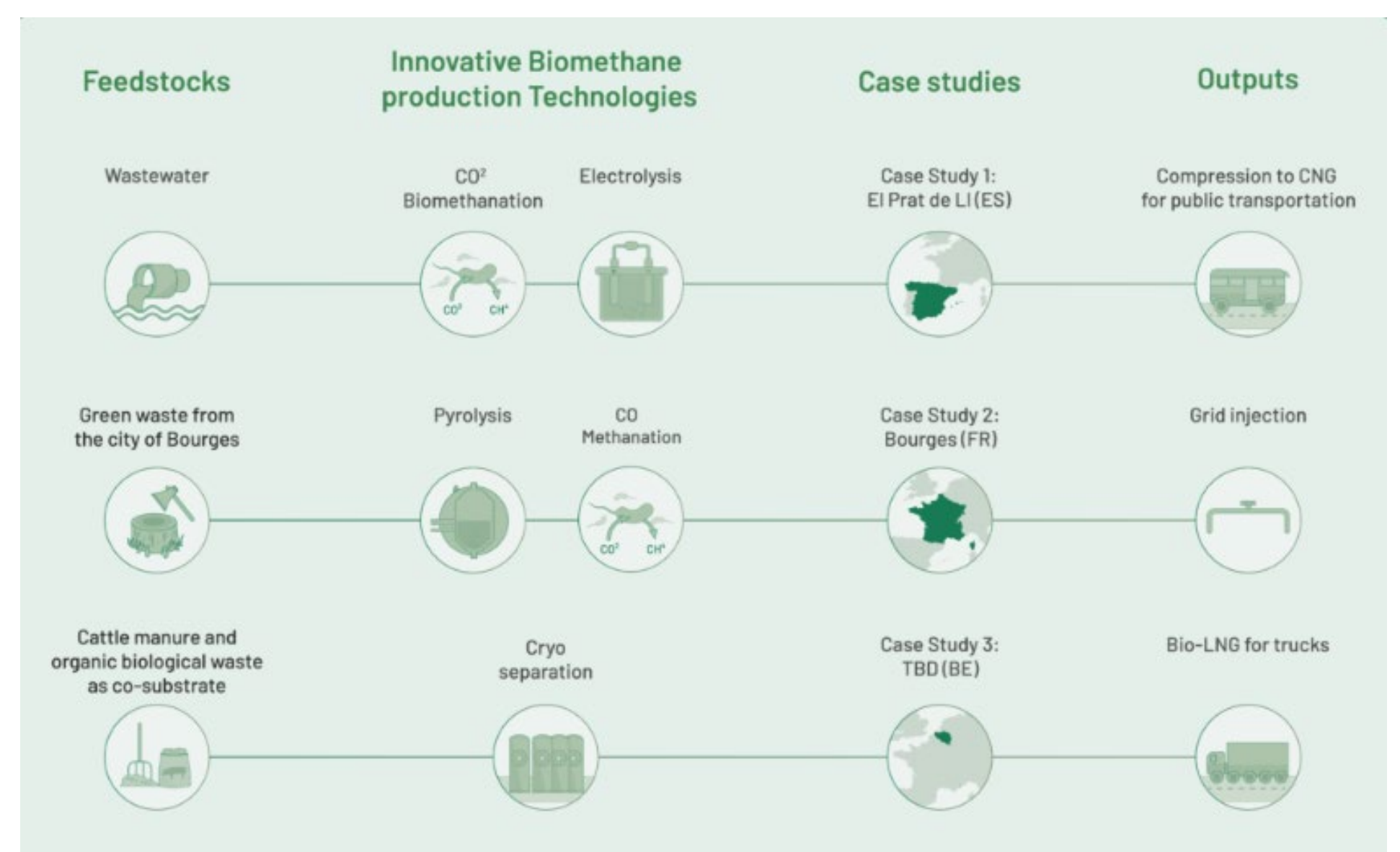
1. Increase cost-effectiveness of the conversion in biomethane production.
2. Diversify the conversion technology basis for biomethane product.
3. Contribute to market up-take of biomethane related technologies in the gas market.
4. Contribute to the demonstration at nearly industrial-scale novel conversion technologies to produce biomethane from wastewater and Woody biomass.

...in INNOVATIONS & DEMONSTRATIONS

SEMPRE-BIO will take technological solutions FROM MODELS TO REALITY in 3 European Biomethane Innovation Ecosystems (EBIE) where 5 biomethane innovations technologies will be tested. SEMPRE-BIO will demonstrate novel and cost-effective biomethane production solutions to support circular economy and reduce dependence on fossil fuels.



The SEMPRE-BIO EBIEs



The SEMPRE-BIO partners:



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