



SEMPRE-BIO

BIP Webinar Autumn Series | “R&I needs for biomethane production technologies”

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CENTRO TECNOLÓGICO DEL AGUA





SEMPRE-BIO

SEcuring doMestic PRoduction of cost-
Effective BIOMethane



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SEMPRE-BIO at glance

Goals

1. Demonstrate novel and cost-effective biomethane production solutions and pathways.
1. Increase the market up-take of biomethane related technologies.
1. Support circular economy.
1. Reduce dependence on fossil fuels.

Numbers

42
Months



16
Partners



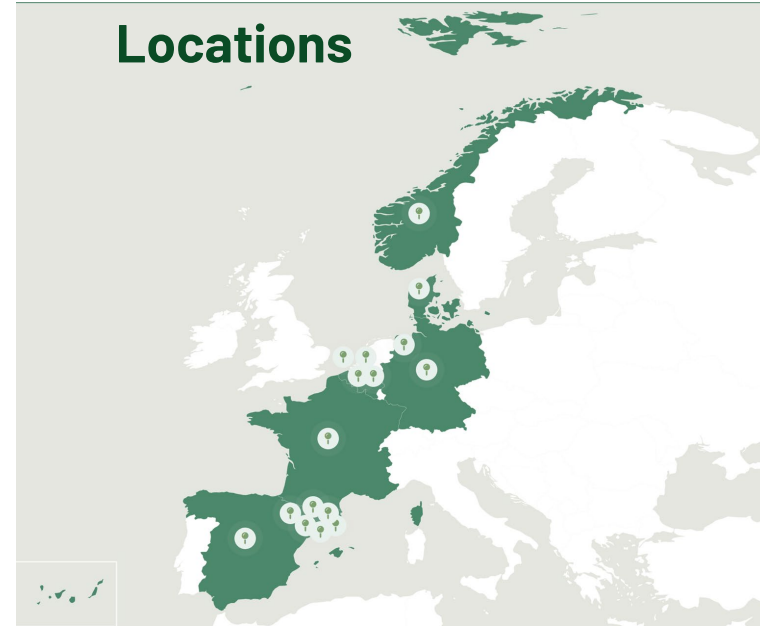
6
Countries



9.9M
Funding



Locations



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CETAQUA
CENTRO TECNOLÓGICO DEL AGUA

Aigües de
Barcelona

SINTEF

ProPuls

Innolab

terrawatt

DBFZ

Naturgy

CRYO inOX

TMB

Beta
Bioscience, Ecology,
Technology Innovation, Alternative

UNIVERSITEIT
GENT

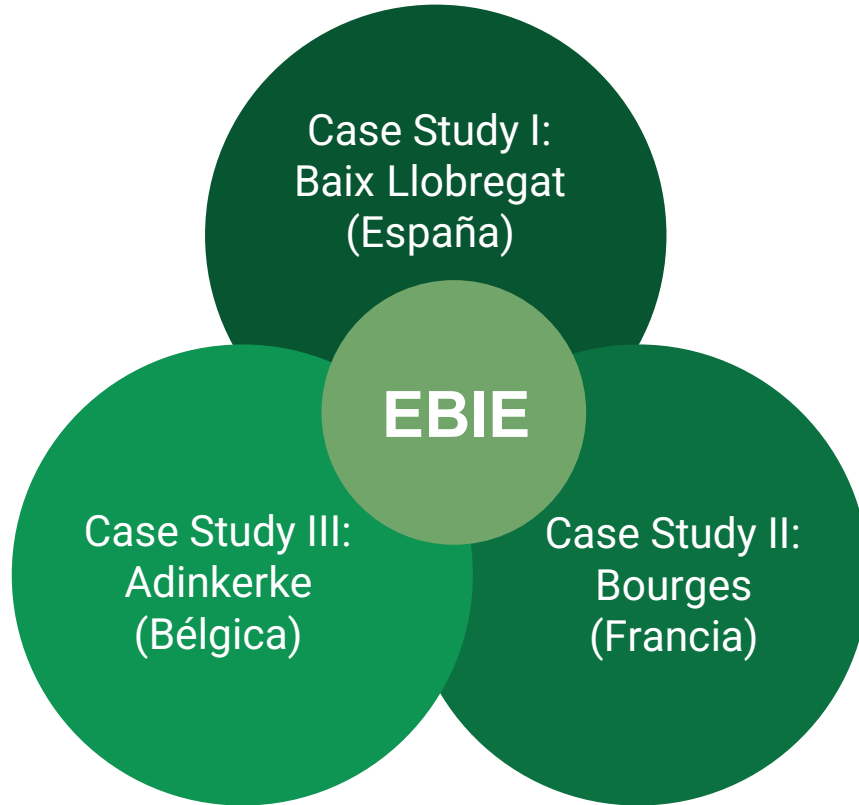
inventiam

NV De
Zwanbloem

Biogas

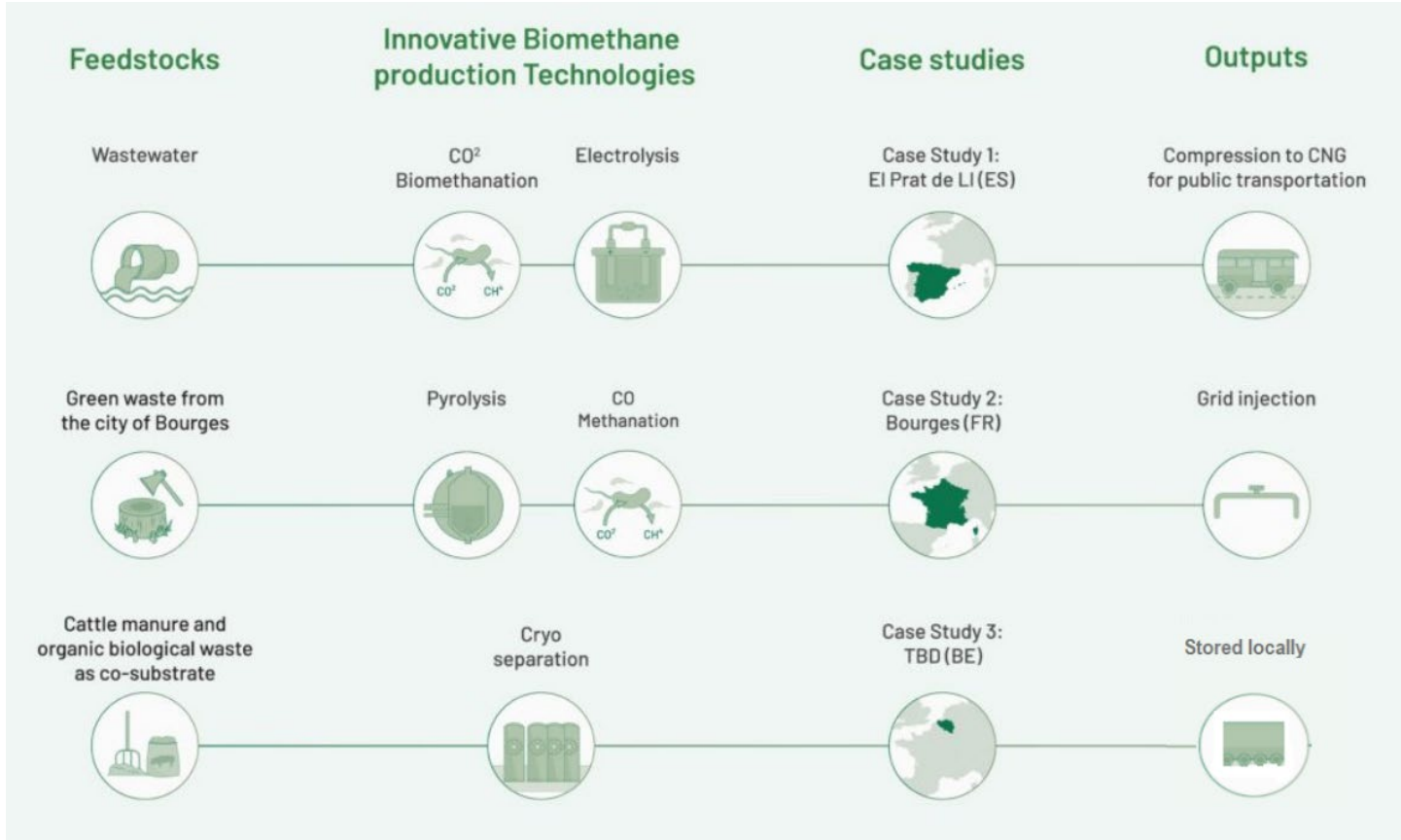
DTU



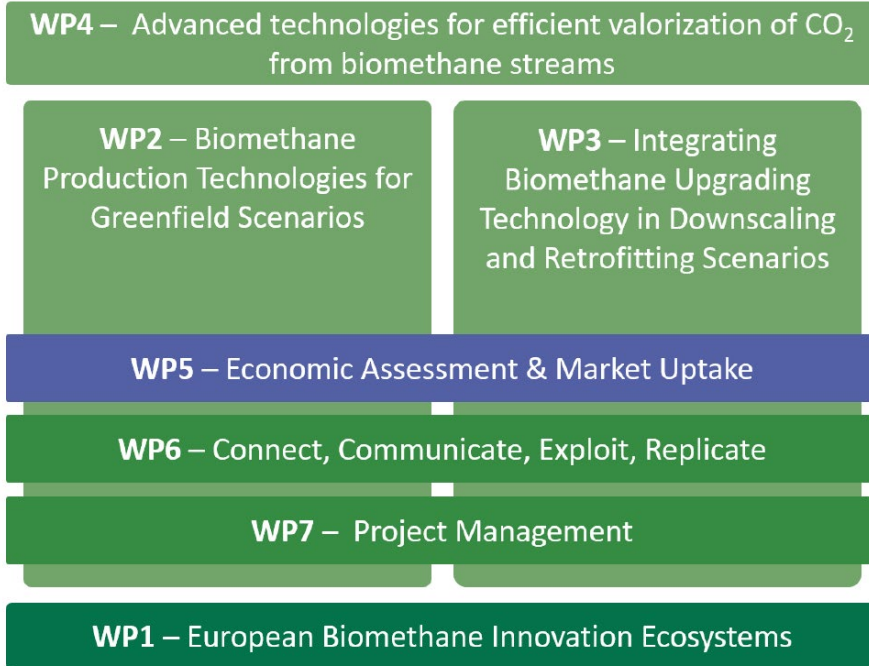


European biomethane innovation ecosystem

Case Studies



Work packages



Expected outcomes



01

Increase the cost-effectiveness of conversion in biomethane production.

02

Diversify conversion technologies for biomethane.

03

Contribute to the acceptance of biomethane technologies in the gas market.

04

Contribute to the demonstration on a semi-industrial scale of new conversion technologies to produce biomethane from wastewater, wood biomass and manure.



Thank you!



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