



ALFA

**UNLOCKING THE BIOGAS POTENTIAL
OF LIVESTOCK FARMING**

“Scaling up the market uptake of Renewable Energy Systems by
unlocking the biogas potential of Agriculture and Livestock
Farming”

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ALFA: Unlocking the Biogas potential of Livestock Farming

**Workshop under BIOMETHAVERSE Project
“Innovative Biomethane Production Routes in Europe”
June 20th, 2024**



PARTNERS



Outline

- **The problem in context**
- **The ALFA project**
- **Where we are today**
- **Next steps**

The problem in context

Despite the availability of relevant technologies and their commercial maturity, Europe has yet to fully tap into the promising potential of utilising the massive amounts of animal manure available for biogas and biomethane production, which have the potential to be doubled by 2030.

Why?

- Low social acceptance and awareness
- Insufficient technical knowledge and skills
- Financial and regulatory barriers

How can we support rural actors to adopt and implement biogas systems in livestock farming?

About the project

Overview: ALFA seeks to support the market uptake of biogas production technologies that use manure as biomass, helping increase the share of renewable energy in the EU and helping reduce emissions from untreated manure.

Key features:

- Provision of both **Business and Technical Support Services** to livestock farmers and biogas plant owners
- **Seminars and webinars** to support the uptake of biogas
- Development of **Digital Tools** to facilitate collaboration and knowledge exchange on biogas
- Development of a **Replication Guide** providing insights into adjusting and deploying ALFA measures in different contexts

ALFA consortium

10 partners, 7 countries



What we offer



**Business Support
Services**



**Technical Support
Services and
consultancy**

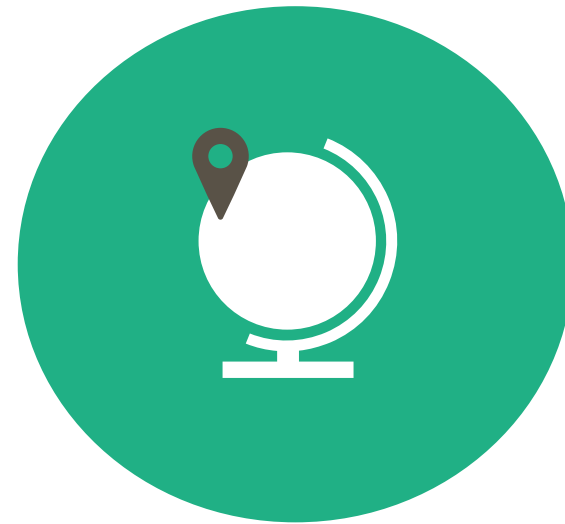


**Seminars, webinars and
awareness raising
campaigns**

What we offer



A Decision Support Tool
that will estimate the
profitability and benefits
of biogas solutions for
each livestock farm, based
on actual farm data.



An Atlas Map
that will illustrate
successful biogas
systems on livestock
farms and other spatial
information about
biogas.



A Knowledge Center
that will provide access to
market data and tools for
mainstreaming biogas.



A Biogas Forum
that will serve as a
platform for exchanging
ideas and supporting
farmers and
stakeholders.



Where we are we today?

How?



Established regional hubs across six EU-countries (BE, DK, ES, GR, IT, SK) to analyse local framework conditions and livestock value chains and engage local stakeholders in co-designing the approach.



Developed an [engagement platform](#) hosting a suite of tools (Decision Support Tool, Knowledge Center, Atlas Map, ALFA Forum) that facilitate collaboration and knowledge exchange among industry actors to transfer actionable knowledge and demonstrate the benefits of biogas solutions.



We have prepared a portfolio of business and technical support services to support the uptake of biogas systems in livestock farming.

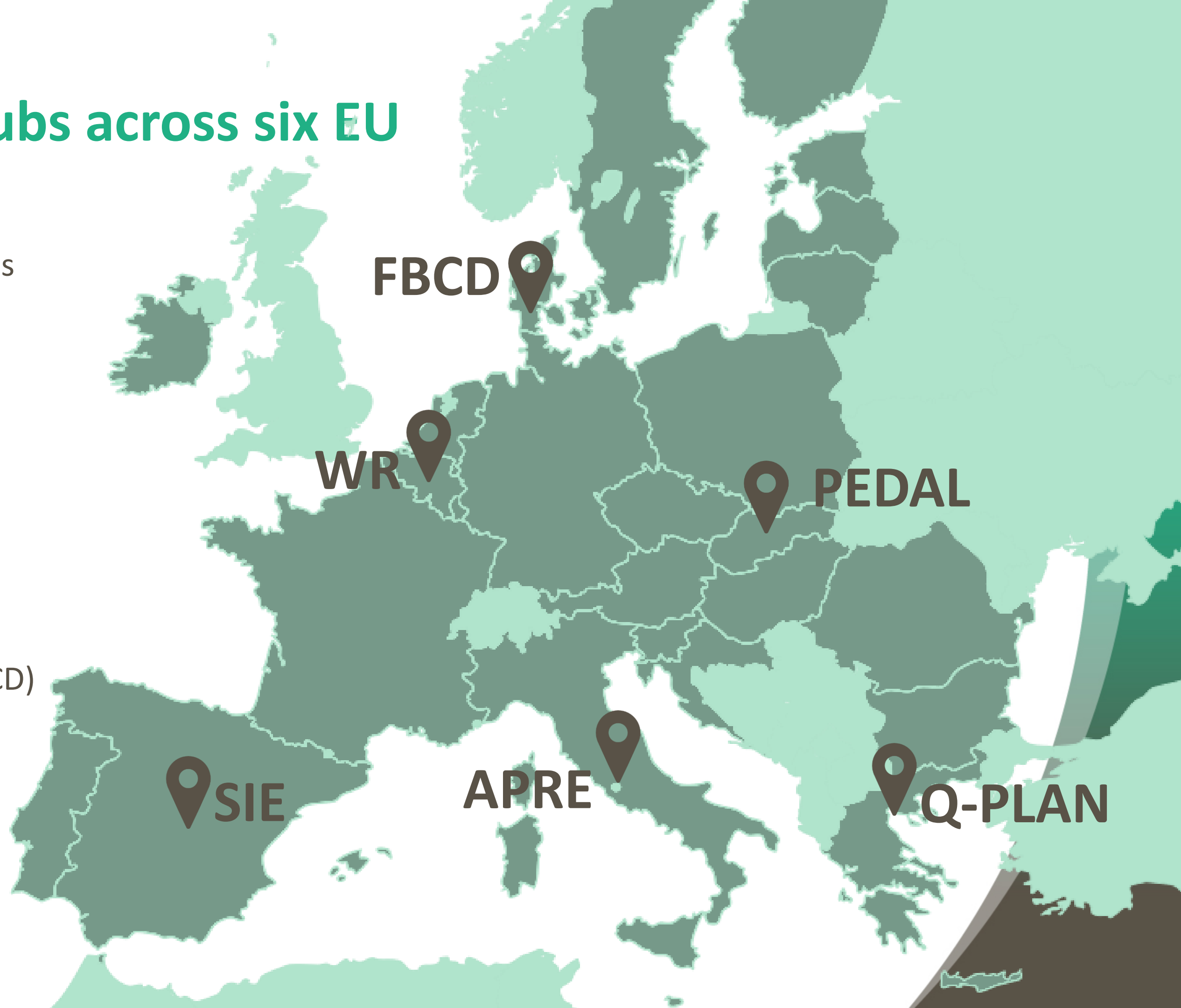
We are supporting 28 cases in six EU countries (BE, DK, ES, GR, IT, SK) to overcome existing barriers and take up biogas systems through regional Hubs.

Established regional hubs across six EU countries

- to analyse local framework conditions and livestock value chains and
- to engage with local stakeholders
- to act as intermediaries for the provision of support services

Hub operators

- Greece (Q-PLAN)
- Italy (APRE)
- Belgium (White Research - WR)
- Slovakia (PEDAL)
- Denmark (Food and Bio-Cluster - FBCD)
- Spain (Sustainable Innovations - SIE)



Capacity Building: Webinars and Regional Seminars

During the project lifetime, a series of capacity building sessions will be delivered for the stakeholders of biogas and livestock farming, both in the ALFA regions and also for international stakeholders.

List of Topics

- **Introduction to biogas: the Anaerobic Digestion process and type of technologies**
- **ALFA support services (Decision Support Tool, Atlas Map, Knowledge Center etc)**
- **Challenges and needs for the uptake of biogas in livestock farming**
- **Review of successful Biogas cases**
- **Waste management/treatment and biogas plants**
- **Methane emissions from biogas plants**

Awareness Raising Campaigns: Together for biogas: what goes around, comes around...in circular economy

“Driving clean energy to the fullest:

Let’s allow biogas to achieve its true potential!”

- Raising awareness about biogas systems their benefits and foster acceptance by farmers and general public alike
- Inform policy makers around criticalities, barriers and needs perceived by other stakeholders
- Communicate to farmers the existing possibilities of financial support to compensate for the high initial investment costs for the implementation of biogas systems
- Make farmers more aware of the financial benefits of biogas, in order to overcome their reticence due to the perceived investment risks

Stay tuned: 2nd Open call on the Autumn 2024



Support the market uptake of biogas and biomethane in the ALFA regions, via offering technical, financial and business services to support interested stakeholders in the adoption of RES technologies.



Target stakeholders: livestock farmers with and without biogas implemented in their farms, biogas/biomethane plant owners, farmer associations, other interested stakeholders.



Learn more at: <https://alfaep.eu/>



Stay tuned: ALFA Greek Seminar by June 2025



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Thank you for you attention!!!

Lean more at: <https://alfaep.eu/>



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PARTNERS



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