

The Biogas Action project is supported by the EU Horizon 2020 Programme to serve as a vehicle for boosting the development of the European biogas/biomethane sector. It aims at promoting biogas development in the target countries/regions Southeast and Western part of France, Wales/UK, Croatia, Czech Republic, Netherlands, Denmark, Latvia and Southeast Sweden enabled by proven support strategies and guidelines. The project is supplemented with replication and dissemination at broad European scale for sharing of experiences and replicate good practice in further countries and regions.

HIGHLIGHTS

- [The State of Development in the Target Regions](#)
- [Launch of the online Regional Biogas Development Toolbox](#)
- [Discover other Biogas EU funded Projects and Initiatives](#)

The State of Development in the Target Regions

Find out about the achievements in each region in the articles below.

Strengthening Biomethane and CHP in Northwest France

In **Northwest France** agricultural sector plays a [vital role in biogas](#). **AILE** has been working on biogas technicalities, economics and legal/economic frameworks in the context of **both CHP and biomethane plants**, but also on the educational programme for farmers.

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Geotexia, first centralized biogas plant based on co-digestion

Overcoming the difficulties in the Netherlands

In the [Netherlands](#), a total of **100 MW of biogas plants** are installed, however many installations and plants face problems and are not running, because of **the crisis in agricultural biogas**. One of the main aim of the CCS is to overcome difficulties in the plant realisations and use **100% of the fundings available**.

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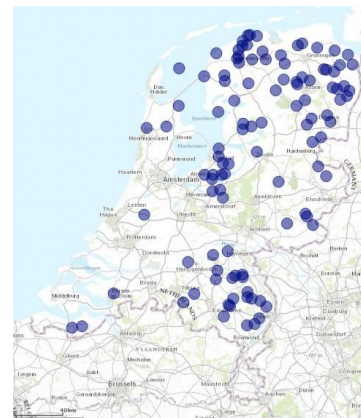


Figure 1 Biogas installations in the Netherlands (Source RVG, 2017)

Close collaboration between stakeholders in Denmark

The [Danish biogas industry](#) has in recent years seen a **major progress**. DFFB work intensively in **collaboration with municipalities** and local biogas producers, through assistance for the plants - both technical and economical. Other activities include business cases and feasibility studies, setting-up long-term education as for biogas process operators, and promotion - also **abroad**.

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Historically function of biogas in Denmark

Czech national plan and support for RES

Biogas industry is well developed since 2005 in the [Czech Republic](#), when RES support has been introduced. Biogas with **360 MW** installed represents **25% of total RE production**. Main activities of **CzBA include** i.a. work on operational support, national strategy, public consultation, training and business cases, but also collaboration with **technology research**.



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Biogas Action meeting in Prague

Biogas Action partners [meeting](#) took place on **26th and 27th June in Prague**. The partners from across Europe met to discuss project progress and activities in their regions.

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Sweden: Intensive development of biomethane

Today **63% of Swedish biogas** is mainly upgraded to biomethane and used as vehicle fuel. The [Southeast Sweden](#) has however still an big, untapped biogas potential. ESS is actively working on the biomethane powered public transport - buses and replacement of diesel powered trains, development of competence centre and supporting research studies.

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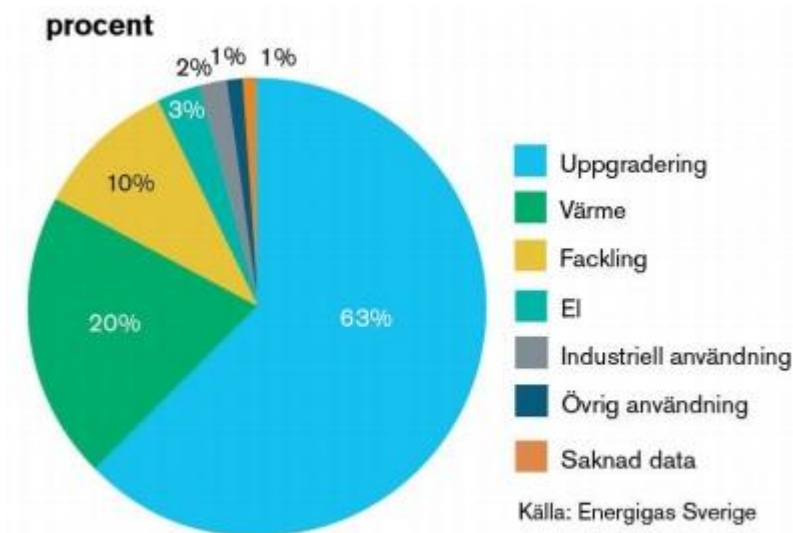


Figure 1 Biogas plants (planned and operating) in Croatia; source: <https://ole-aplikacije.mzo.gov.hr/InteraktivnaKarta/> Ministry of Environmental Protection and Energy, retrieved July 2017

Pursuing project aims during the transition in Croatia

The pending transition from **FIT to Market Premium system** is the reason of current biogas market freeze in [Croatia](#). Despite the obstacles, **EIHP is actively pursuing Biogas Action aims** and by aligning its targets to the complicated circumstances and focusing on knowledge transfer, creation of stakeholder platform, development of business models and trainings.

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"Agroiecava" Ltd. Biogas plant produce heat for local municipality.

Negotiations with the policy makers in Latvia

With the complicated situation regarding **limited subsidies** for the new biogas plants and biomethane injection to the gas grid, [EKODOMA](#) works on negotiations with the **policy makers**. Other actions include: raising public awareness, i.a. through cooperation with Riga Tech. Uni., preparation of local feasibility studies, decision making and knowledge sharing.

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Supporting local biogas development in Southeast France

In May 2017, there were 78 plants in the new region Auvergne-Rhône-Alpes representing **700 GWh of production** and **61 projects**. 6 plants are injecting biomethane into the gas grid. [RAEE](#) is working on public acceptance, project financing but also training the staff and supporting the projects on all steps of development: studies, business, building and transfer of experience.

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Working with local and national governments - Wales

The Welsh Government is keen to engage with the concept of small-scale, on-farm and waste based AD. If a model is established in Wales it can be **extended to rest of UK**. [SWEA](#) is working with assembled stakeholders group that includes **Welsh government officials**. Activities include: FiT consultation, engaging industry development, but also training and preparing feasibility studies.

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Strategic Meeting in Wales

The Biogas Action project pulled together the key stakeholders in Wales **to discuss the current barriers** to the implementation of on-farm, slurry based anaerobic digesters. The first part of the discussion centred on two pollution incidents earlier in the year and was led by the pollution regulator, Natural Resources Wales. It became clear that the current Waste Regulations led system is really not fit for purpose and that the land-use planning system would not be able to plug the gaps that are currently allowing poorly designed and implemented plant to be installed. Further regulation and more paperwork were generally seen to be an additional barrier that would be really unhelpful to implementation.

[Read more](#)

[Explore and Use the BiogasAction Toolbox](#)

Launch of the online Regional Biogas Development Toolbox

The online [Toolbox](#) for Regional Biogas Development has been launched! The Toolbox is a **database of comprehensive reviews** of existing projects and tools concerning biogas industry both on **Pan-European and national levels**.



Discover other Biogas EU funded Projects and Initiatives



ISABEL project - triggering sustainable biogas energy communities through social innovation

[ISABEL](#) is an **EU Horizon 2020 project**, which aims to foster the concept of community biogas in Europe. The main aim of **ISABEL** is to bring a new thinking into the biogas supply chains that will result in the transition to a **local and community-based governance model**, as well as to provide the framework conditions for the biogas communities' market take-up by using as a baseline the core interacting elements of local **biogas production & consumption and community involvement**.

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The Smart Specialisation Platform on Bioenergy (S3P) - A tool to improve interregional cooperation through specialisation

From spring **2015 EC** launched the initiative of the [Smart Specialisation Platforms](#) as a joint initiative of the Directorates-General for Regional and Urban Policy, Energy, and the Joint Research Centre. Energy being a crucial societal challenge for Europe, the pace of development quickly picked up and the **S3P-Energy emerged**. Currently the **S3P-Energy is divided in 5 partnerships**, of which one of them is bioenergy, having as priority area of work: biofuels, heating & cooling, biogas and knowledge transfer.

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