Biogas Action: Objectives and results

Unlocking the potential of biogas for Cities and Regions

CoM Webinar
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Biogas deserve to be supported, but how?

- Biogas imply multiple benefits to society, but there are many barriers to harvest the full potential
- The challenge of exploiting biogas potentials is diverse and require a differentiated set of approaches
- Fortunately, the EU Commission (INEA) and H2020 is ready to help enabling such support!
- Biogas Action has comprised a team of partners motivated to pave way for accelerating sustainable biogas utilisation in Europe

Showing the way

- Giving directions and guidance for biogas development with focus on the regional level
- Exploring and demonstrating how to overcome technical and non-technical barriers for sustainable biogas utilisation
OBJECTIVES – PROJECT STRUCTURE

Tools and guidelines for biogas sector development

Intervention in target regions
Auvergne Rhône-Alpes and Bretagne of France, Wales/UK, Croatia, Czech Republic, Netherlands, Denmark, Latvia and South East Sweden

Replication and dissemination

Project number: 691755
Project period: From 01/01/2016 to 31/12/2018
Website: http://biogasaction.eu
Compilation of reports and tools for regional biogas deployment

- Overview of numerous European projects, national tools and biogas plant success stories
- Detailed description on: particular tools, proven results and outcomes, boundary conditions and limitations of the tool’s applications, geographical scope, target audience, list of the project partners
- Detailed description on: information on investors, investment and operational support and conditions, substrates used and energy provided, digestate usage, involvement of the region

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 691755.
Tools for biogas sector development (cont’d)

- Brochure on 10 successful biogas plants
- Data bank of existing incentives
- Comprehensive guidelines for biogas development
Tools for biogas sector development

• Identify and disseminate proven support strategies and guidelines in order to fulfil the potential for biogas and biomethane development in Europe

Tools compilation ➔ Interactive tool for development of a biogas project

Discover the best-fitting tools available to develop your project

Make use of the extensive Biogas Action database, providing existing tools and guidelines for biogas promotion in Europe to boost the development of your operating biogas plant or to find answers for your planned biogas project.

Navigate using numerous filters such as language, substrate, output, type of support and plant size. Find additional information and explanations (policy, technical, market, training and education) suitable for your expected application. The tools available include EU projects, national and regional projects, success stories, policy/legislation documents, maps, software, videos and more.

Tool online http://tool.biogasaction.eu

This online tool will allow you to discover successful biogas installations across Europe and find the perfect match for your own local conditions. Make use of the Biogas Action toolbox. You can navigate between different plant categories based on the main substrate use, the production type and received support.

Information about the legal backgrounds of each European country and their influence on the development of the national biogas industry, along with NREAP targets tracking, are available.

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Intervention in target regions

• Define and implement a specific biogas/biomethane intervention strategy in each target country/region aiming to boost the biogas development in the intervention regions/countries
  o Institutional-building of the key stakeholders
  o Strengthening the biogas sector framework
  o Optimising business models and financing of biogas projects
  o Optimizing biogas production
  o Assistance on specific high quality biogas project development

Accomplished
✓ Analytic reports on the intervention
✓ Dissemination oriented material on the achievements
✓ Five case studies per regions

Future prospects
✓ Ongoing work on shaping conclusions and recommendations for a future effort

http://biogasaction.eu/regional-biogas-development/country-profiles
Replicate project partners’ experience to other project developers outside the BiogasAction consortium

- Open call at EU level (April-July 2017) and selection based on list of criteria
- Bi-lateral exchanges with 11 developing partners (2x 2 days face to face and participation in final conference) almost accomplished
- Reporting and evaluation of the replication effort
Dissemination and Communication

Website

www.BiogasAction.eu

Social Media

#BiogasAction

Regional dissemination

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What did BiogasAction achieve?

• BiogasAction has been a journey where 9 regions worked on improving multiple aspects to pave the way for sustainable biogas utilisation and exchanged experiences underway.

• This was guided by the Toolbox compiled by EBA that enables using results of numerous EU projects in a structured manner.

• BiogasAction has given ‘hardcore’ results in form of supporting new high-quality biogas plants on the ground. We triggered around double the investments and CO2 savings than the target of the contract.

• BiogasAction has given numerous other results ranging from engaging national and local authorities, improving public acceptance, building capacities of stakeholders and integrating biogas in the regional/local planning process (as this webinar will show examples of).

• Much more information on the BiogasAction achievements and recommendations can be found in the project’s Final Booklet [http://biogasaction.eu/the-biogasaction-final-booklet-has-been-released/](http://biogasaction.eu/the-biogasaction-final-booklet-has-been-released/)
Thank you for attention!

Nils Daugaard, Project Coordinator

EC Network

Partners

AILE
Local Energy Agency of Western France

Ekodoma
Latvia

Czech Biogas Association
Czech Republic

Energy Agency for Southeast Sweden
ESS | Sweden

Cornelissen Consulting Services
CCS Energy advice | Netherlands

Fedarene
Belgium

Danish Technology Centre for Biogas

The International Biogas and Bioenergy Centre of Competence
IBBK | Germany

European Biogas Association
EBA | Belgium

Rhônalpénénergie-Environnement
RAEE | France

Energy Institute Hrvoje Pozar

Severn Wye Energy Agency
SWEA | United Kingdom