Sustainable Biogas Market Development in Central and Eastern Europe



Ana Kojaković (Biljana Kulišić) Project coordinator Energetski institut Hrvoje Požar

**Biogas market in Greece – Current situatian and perspectives** 

Contract No. IEE/09/848 SI2.558364 | Project duration 01/05/2010 – 31/10/2012



# Partners & Contact



#### Co-ordinator:



Energy Institute Hrvoje Pozar Savska cesta 163 Zagreb, Croatia www.eihp.hr

#### **Contact:**

Biljana Kulisic bkulisic@eihp.hr Tel: +385 1 6326 269 Fax: +385 1 6040 599

Project web-site: www.biogasin.org

#### **Project partners:**

WIP Renewable Energies (WIP), Germany WIP European Biogas Association (EBA), Belgium EBA Fraunhofer (IWES), Germany 🖉 Fraunhofer **Centre for Renewable Energy Sources** and Savings (CRES), Greece Czech Biogas Association (CzBA), GBA **Czech Republic EKODOMA**, Latvia Energoproekt, JSC (ENPRO), Bulgaria Razvojna agencija Sinergija, Slovenia Trinergi Grup (TG), Romania

## **Project Summary**

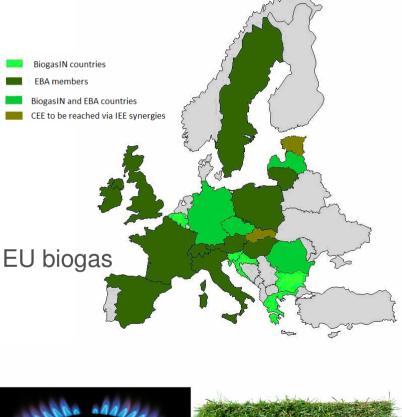
BIOGASIN

**BEIHP** 

**BiogasIN** promotes benefits of biogas for the sociaty as a whole, in a way as to involve all stakeholers of the biogas market in order to increase effectivenes of pemitting procedures and financing of biogas projects...

#### ...throug...

experience and technology transfer from the top 5 EU biogas countries to CE Europe





# Background of the project



- o Investors have recognised high potentials for biogas production in CE Europe
- Several european projects have indicated that permitting procedures and financing are the main obstacles for biogas market development in CE Europe
- BiogasIN builds the capacity of public sector (national, regional and local government and administrative bodies involved in the permitting procedures for establishing biogas plants), financing institutions and farmers/ developers of biogas projekcts
- o EU Directive 2009/28/EC on promotion of use of renewable energy sources gives a new light on the use of biomass and biogas production



# Aim of the project



#### Development of sustainable biogas markets in CE Europe

In the way as to:

- o Highlight the biogas benefits for the local community
- o Streamlining permitting procedures for biogas investments
- o Adjusting and creating new financing schemes for biogas investments





# Main steps in the project



o Support to the local authorities to evaluate biogas benefits for the local communities:

28 position papers – 4 in 7 countries of CE Europe

- o Overview of permitting procedures and available financing for investments in biogas projects in 5 most developed biogas markets in the EU, and comparison with whose in target counties in order to propose better solutions
- o <u>Surveys among investors</u> about permitting procedures and ensuring financing of biogas projects:
  - o In Greece, Croatia, Slovenia, Bulgaria, Czeck Republic, Romania and Latvia
  - o Pan European survey
- <u>Capacity building of all stakeholders of the biogas market</u> in total 77 events in 7 CE European coutntries - 11 per target county
- Project partners with knowledge and experience have a role of mentors for the partners from target countries



# Capacity building events



- o In each country 11 events will take place:
  - o 2 workshops for administrative bodies involved in permitting procedures
  - o 2 workshops for <u>financing bodies (banks, investment funds)</u> about possiblities for financing of biogas projects and their technical and economic characteristics
  - 2 worshops for investors and biogas project developers about permitting procedures
  - o 2 worshops for investors and biogas project developers about financing
  - o 2 high level conferences for main stakeholders and policy makers
  - o 1 interactive forum for all biogas market stakeholders



# **Expected results**



- + Faster and simpler permitting procedures
- + Proving to financing institutions that investment in biogas plant is a secure investment in mature technology
- + Dokazati financijskim institucijama da je investicija u bioplinsko postrojenje sigurna investicija u zrelu tehnologiju
- + New biogas investment financing options
- + Training of biogas developers on permitting and financing procedures
- + Raised awareness on social benefits that biogas can achieve
- Increased biogas investment activity in target countries and beyond



# Visit <u>www.biogasIN.org</u>







# THANK YOU FOR THE ATTENTION!

#### **Co-ordinator:**



Energetski Institut Hrvoje Požar Savska cesta 163 Zagreb, Croatia www.eihp.hr

#### Contact:

Ana Kojaković akojakovic@eihp.hr Tel: 01 6326 135 Fax: 01 6040 599

Project web-site: www.biogasin.org

### Project partners:

WIP Renewable Energies (WIP), Germany WIP European Biogas Association (EBA), Belgium EBA Fraunhofer (IWES), Germany 🖉 Fraunhofer **Centre for Renewable Energy Sources** and Savings (CRES), Greece Czech Biogas Association (CzBA), GBA **Czech Republic EKODOMA**, Latvia Energoproekt, JSC (ENPRO), Bulgaria Razvojna agencija Sinergija, Slovenia Trinergi Grup (TG), Romania

