Project No: IEE/10/251



# Report on the national expert consultation meeting on biomethane use in Latvia

WP 5 - Task 5.4 / D 5.4

July, 2013



Authors: Ilze Dzene, Ekodoma, Riga, Latvia

Lasma Slotina, Ekodoma, Riga, Latvia

Contact: Ilze Dzene

Ekodoma Noliktavas 3-3 LV1010, Riga, Latvia

Tel.: +371 67323212 Fax: +371 67323210 ilze@ekodoma.lv www.ekodoma.lv

The UrbanBiogas project (Urban waste for biomethane grid injection and transport in urban areas) is supported by the European Commission in the Intelligent Energy for Europe Programme). The sole responsibility for the content of this publication lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission are responsible for any use that may be made of the information contained therein. The UrbanBiogas project duration is May 2011 to April 2014 (Contract Number: IEE/10/251).

UrbanBiogas website: www.urbanbiogas.eu



Co-funded by the Intelligent Energy Europe Programme of the European Union

# **Contents**

Abbreviations	_4
Introduction	_5
Consultation workshop about the natural gas market liberalisation	_5
Agenda and presentations	_ 5
Discussions after the presentations	_ 7
Annexes	_8
Annex 1: Presentation "Biogas in the Context of the Natural gas Market Liberalisation in Latvia"	_ 8
Annex 2. Press release after the workshop	10

## **Abbreviations**

CHP Combined Heat and Power (co-generation)

JSC Joint Stock Company
LNG Liquefied natural gas

OJSC Open Joint Stock Company

### Introduction

The Latvian gas market is controlled by gas monopoly JSC "Latvijas Gāze" which is owned by Russian gas monopoly OJSC "Gazprom", Germany's E.ON and Russian gas supplier Itera. In order to start thinking about biomethane as reliable substitute of natural gas, the third party access to the natural gas grid should be guaranteed. At the moment Latvia is undergoing discussions for the natural gas market liberalisation and in that regard some significant political decisions have to be made. In the privatization agreement between Latvian state and JSC "Latvijas Gāze" the company has been granted exclusive rights to transmit and distribute natural gas in the whole territory of Latvia until 10 February 2017.

Latvian government is proposing several natural gas market liberalization scenarios. The situation is difficult because from one side the government is obliged to respect the requirements of the European Directive, from the other side – restrictions included in the privatization agreement that are supported by a strong natural gas lobbies.

In February 2013 the responsible committee voted for moving forward to the Parliament amendments in the Energy Law that should postpone the actual liberalization of natural gas market until alternative connections with third countries except Estonia, Lithuania and Finland are established. This decision supported the proposal of the JSC "Latvijas Gāze" and actually means resigning from the obligation to open the natural gas market by 4 April 2014 the latest. In the next step the proposal for amendments was directed to the parliament.

In order to strengthen the national political position and to raise awareness for the deputies of the parliament, the expert consultation workshop about natural gas market liberalisation was organised. One of the strong arguments for the natural gas market liberalisation is the opportunity to support the use of biomethane in Latvia.

## Consultation workshop about the natural gas market liberalisation

The workshop was held in Riga 12 April, 2013. The main target group were parliament deputies and national energy experts. The objective of the meeting was to formulate position for negotiation of natural gas market liberalization in the Parliament. Three experts were invited to explain the situation and initiate discussions on this issue: independent energy expert Juris Ozoliņš, member of the European Parliament Roberts Zīle and Professor Dagnija Blumberga. As expert working on UrbanBiogas project, Professor Blumberga on her part focused on biomethane and how to support it through opening the natural gas market.

All together around 15 people participated on the workshop. Majority of the participants were deputies of the Parliament. Press release published after the workshop is given in Annex II of this report.

#### Agenda and presentations

The aim of the workshop was to formulate position for negotiation of natural gas market liberalisation in the Parliament and to discuss further steps and actions in that regard. Workshop had following agenda:

Date/Time:	12 April, 2013 / 3:00 pm
Venue:	11 Kaļķu Street, Riga, Latvia (Bureau of the National Alliance)

# Invited experts:



Photo: Nozare, LV

Juris Ozolinš, independent energy expert



Photo: LETA

Roberts Zīle, the member of the European Parliament



Photo: LETA

Dagnija Blumberga, professor, director of the Institute of the Energy Systems and Environment of Riga Technical University

#### **Presentations:**

Juris Ozoliņš. Perspectives of the Natural gas Market in Latvia

Roberts Zīle. European Legal Framework and Market Liberalization in Baltic States

Dagnija Blumberga. Biogas in the Context of the Natural Gas Market Liberalisation in Latvia

Energy Expert Juris Ozoliņš introduced participants to the natural gas market perspectives and the history of the natural gas market liberalization. He informed about the natural gas market structure in Baltic countries and in Finland. He stressed that Latvia and other Baltic countries legally and organizationally are moving closer to the domestic natural gas market in the European Union. National gas companies of Latvia, Lithuania and Estonia are associate members of the European network of transmission System Operators. Juris Ozoliņš presented several organizational models for separation of natural gas supply, transmission, and distribution functions.

Member of the European Parliament Roberts Zīle gave insight into the legal framework of the European policy regarding natural gas markets liberalization and implications to the Baltic Sea region. He stressed that it is important to keep reasonable, but strict attitude towards the natural gas market liberalization and construction of the liquefied gas terminal in Baltic Sea region. Roberts Zīle said that it is crucial that Latvia have alternative gas supply routes. Therefore he encouraged to support the construction of the liquefied natural gas (LNG)

terminal either in Latvia or in Lithuania, or possibly in Finland, and to develop connections through Latvia, Estonia and Finland.

Professor Dagnija Blumberga draw the attention of audience to biogas and biomethane that is even better alternative to the natural gas and can easily be distributed through existing natural gas networks. She started her presentation with an overview of biogas market in Latvia, also indicating on the weak points of existing biogas use. Currently biogas is used as fuel in combined heat and power (CHP) plans to generate electricity. However, gaps in existing legislative framework regarding requirements for being able to qualify for the electricity feed-in tariff, lead to the situation where majority of the biogas plants in Latvia are do not have heat consumer and biogas is used with low efficiency. Solution for this problem in future would be biogas upgrading and biomethane injection into the natural gas grid. Professor Blumberga stressed that biogas upgrading and grid injection is technically well developed and also economically justified. Besides it is also environmentally friendly solution, however it will be only possible if natural gas market is liberalized and opened to the third party access. Presentation of Professor Blumberga is given in the Annex 1 of this report.



Figure 1: Presentation of Dagnija Blumberga

#### Discussions after the presentations

After presentations the discussion about natural gas market in Latvia, gas market liberalisation, and the role of biomethane in the future gas supply was opened. Some of the participants asked about what should be the size of the biogas plant in order to be economically feasible upgrade biogas to the biomethane. Discussions also addressed the technical standards and requirements that biomethane should have. The fraction leader of the National Alliance Einārs Cilinskis stressed that liberalisation of the natural gas market should be done before or at the same time as in other Baltic countries. It was concluded that that Latvia urgently need some alternative gas supply route, providing efficient interconnection systems.

## **Annexes**

# Annex 1: Presentation "Biogas in the Context of the Natural gas Market Liberalisation in Latvia"







## Annex 2. Press release after the workshop

