



European Commission
Directorate General Enterprise & Industry



**EIFN seminar: “ Possibilities to produce and use biomass fuel in
Kaunas County”**

Seminar Report 23.12.07

1 Overview

The seminar was organized within the dissemination activities of EIFN project by LEI (Lithuanian Energy Institute), with participating and support of other EU projects, i.e. BBN (Baltic Biomass Network) under INTERREG III B program and Energy4Cohesion under Intelligent Energy for Europe program.

A number of biomass energy projects, based on innovative technologies are to be developed in Europe throughout Energy and Environmental Agencies, Municipalities, Innovation Agencies, as well as scientific research in new technologies is to be performed under partial financing of various EU programs, donor institutions, etc.

This seminar aimed to investigate possibilities to produce and use biomass energy in one of Lithuanian regions – Kaunas County, including possibilities to facilitate the exchange and sharing of different experiences and knowledge on financing schemes for energy innovations, as biomass makes over 90% of Lithuania's renewable energy and which is expected to have good perspectives in Lithuania in future as well.

The EIFN Project took advantage to disseminate its knowledge in project finance, as well as obtaining feedback from other stakeholders.

2 Main objectives of the seminar

- Present the possibilities of the EIFN project to the actual and potential stakeholders
- Present the current situation in the production and use of biomass fuel in Lithuania and Kaunas County.
- Introduce possibilities for promotion of Biomass Innovations by the various programs
- Share expertise and knowledge in development and implementation of innovation projects
- Present the needs of implementing new biomass technologies via implementation of Energy Strategy in Kaunas County.
- Good practice examples

3 Seminar program

The results of the activities of Baltic Biomass Network	Stanislovas Vrubliauskas (Lithuanian Energy Institute)
Scientific methodologies for development of biomass availability opportunities in Baltic Biomass Network	Gintautas Mozgeris (Lithuanian University of Agriculture)
The use of Wood Fuel in Lithuania	Sigitas Girdziušas (Forests Department at the Ministry of Environment of LR)
Modelling of Accounting for forests wood resources	Albinas Tebėra (Kaunas College of Forests and Environment Engineering)\
Modelling of Agriculture yields for energy purposes	Vanda Valerija Buivydaite (Lithuanian University of Agriculture)
Technical and Non-technical barriers for co-firing	Jonas Saladis (Lithuanian Forests Research Institute)
Financial network for technological innovations in energy sector	Vaclovas Kveselis (Lithuanian Energy Institute)
Energy Strategy of Kaunas Region	Romualdas Škėma (Lithuanian Energy Institute)





4 General Comments on the Discussions

The seminar was considered as interesting event attracting wide audience from scientific and academic community, business companies in energy and forestry sectors, energy experts as well as municipal officers interested in implementation of biomass energy innovations.

- Most participants underlined that presentation of biomass possibilities assessment were very interesting and disclosed new opportunities for development of innovative projects in biomass energy sector. However it was also evident that most investors are more interested in implementation of traditional technologies, as new ones are too risky in a small country like Lithuania.
- Audience expected more info on the experience in implementing innovative technologies in Lithuania, however business companies were not represented and not eager to share their experiences and practices. Strong competition between biomass fuel producers and users was detected with other wood processing, food processing sectors.
- Need to distinguish innovation and research because the financing mechanisms are not the same.

5 Conclusions from the Seminar

- Total number of seminar participants was 52, including representatives from R&D community (38 or 73%), private business (3 or 6%), municipalities (7 or 13%), forests enterprises (3 or 6%), ministry (1 or 2%).
- About 20% considered that the event have met their expectations between 70% and 80%, and 80% evaluated it between 90-100%.
- General quality of the seminar was considered as good and very good by 90% of participants, 2 (4%) considered it as average, the rest have not answered this question.
- All presentations were mentioned as good and interesting. However presentation on modelling of forest biomass resources received most positive evaluations.
- 85% of participants considered the quality of the seminar as good or very good in the sense of duration, agenda, methodology, documents and organization, 6% as average, the rest have not answered.
- Most ideas on the improvement of the seminar were related to practical examples and experience from the implementation of innovative projects in Lithuania. These examples should be delivered by private businesses and financial institutions.

6 Lists of Participants

Participant	Company
Algirdas Aleksynas	Chamber of Agriculture of LR
Rimvydas Ambrulevičius	Institute of Agriculture Engineering
Olga Antipova	Lithuanian Energy Institute
Valdas Asakavičius	JSC "Lukrida"
Aloyzas Budrys	Kėdainiai Municipality
Vanda Valerija Buivydaite	Lithuanian University of Agriculture
Valentinas Rimas	Birštonas Municipality
Jinas Dabrila	Kazlų Rūda Forest Enterprise
Farida Dzenajavičienė	Lithuanian Energy Institute
Romanas Evseičikas	Raseiniai Municipality
Algirdas Genutis	Institute of Agriculture Engineering
Sigitas Girdziušas	Forests Dpt. Of the Ministry of Environment
Ramutė Grikštaitė	Lithuanian Energy Institute
Algirdas Gulbinas	Institute of Agriculture Engineering
Algirdas Jasinskas	Institute of Agriculture Engineering
Aldona Jurgelėnaitė	Lithuanian Energy Institute
Romualdas Kėželis	Lithuanian Energy Institute
Valentinas Klevas	Lithuanian Energy Institute
Audronė Klevienė	Lithuanian Energy Institute
Petras Kurtinaitis	Prienai Municipality
Vaclovas Kveselis	Lithuanian Energy Institute
Aurimas Lisauskas	Lithuanian Energy Institute
Vladimiras Liubarskis	Institute of Agriculture engineering
Martas Lynikas	Lithuanian Forests Management Institute
Sigitas Masaitis	Lithuanian Energy Institute
Valerija Montrimienė	Kaunas reg.Municipality
Gintautas Mozgeris	Lithuanian University of Agriculture
Michailas Palicinas	Lithuanian Forests Management Institute
Rimvydas Puslys	Lithuanian Forests Management Institute
Algirdas J. Rutkauskas	Lithuanian Forests Management Institute
Jonas Saladis	Lithuanian Forests Research Institute
Mindaugas Skorupskas	Jonava Municipality
Kęstutis Šakūnas	Dubrava Forest Enterprise
Romualdas Škėma	Lithuanian Energy Institute
Saulius Tamonis	Kaišiadorys Forest Enterprise
Dalius Tarvydas	Lithuanian Energy Institute
Albinas Tebėra	Kaunas College of Forests and Environment Engineering
Olgina Tutlytė	Lithuanian Energy Institute
Adelė Vaidelienė	Lithuanian Energy Institute
Stanisklovas Vrubliauskas	Lithuanian Energy Institute

Vilma Zasimauskienė	Kaunas County administration
Vytautas Žiugžda	Lithuanian Energy Institute
Antanas Markevičius	Lithuanian Energy Institute
Eugenijus Perednis	Lithuanian Energy Institute
Tomas Kačegavičius	Lithuanian Energy Institute
Vygaudas Gecevičius	Lithuanian Energy Institute
Rimantas Žiemys	Lithuanian Energy Institute
Agnė Šermukšnienė	JSC “Kauno energija”
Feliksas Zinevičius	Lithuanian Energy Institute
Juozas Savickas	Lithuanian Energy Institute
Marijona Tamašauskienė	Lithuanian Energy Institute

