BIOMASS IN LITHUANIAN HEAT SECTOR - BENEFITS AND THE FUTURE

Lithuanian Biomass Energy Association LITBIOMA
Director Vilma Gaubytė
2015-09-29
Lithuanian Biomass Energy Association LITBIOMA was established in **summer of 2003.**

LITBIOMA is currently comprised of **53 members:**
- Biomass producers and suppliers
- Producers and designers of equipment for energy from biomass
- Developers of plantations
  - Academic institutions

LITBIOMA is a national licensor for an **Enplus** certification system.
We are members of:

- European biomass association AEBIOM
- World Energy Council Lithuanian committee
- Lithuanian confederation of industrialists
- Lithuanian confederation of renewable energy resources
- European Pellet Council
- World Bioenergy Association (WBA)

Our partners

- Directorate general of state forests
- The Lithuanian District Heating Association
- Forest owners association of Lithuania
- Bioenergy Association of Ukraine
- Operator of the Lithuanian Energy Exchange
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Association LITBIOMA – a part of the world biomass energy network

In 2015 Association LITBIOMA became a member of World Bioenergy Association (WBA).

This membership will help our Association to grow even faster and more targeted, will allow us to know the most important global news, will provide an opportunity to take advantage of the countries experience, in which biomass energy has been developed over many years.
The current situation
Forests cover ~ 33.2 percent of Lithuania (2200000 ha)
Power and heat generation from biomass:

- In 2014:
  - Power: 80%
  - Heat: 45%
  - Electricity: 30%
  - Lighting: 2%

- In 2020:
  - Power: 80%
  - Heat: 80%
  - Electricity: 50%
  - Lighting: 10%
The use of biomass for energy production in the DH sector:

It is forecasted that in 2015 biomass will account for ~ 54 percent.

Source: The Lithuanian District Heating Association
Biomass energy sector
Currently, the biomass industry sector employs:

~ 6500 employees

Source: Lithuanian Biomass Energy Association LITBIOMA
It is expected, that by 2020 year this sector will employ:

≈ 10000 employees

Source: Lithuanian Biomass Energy Association LITBIOMA
The average employee salary:

~ 11100 Eur

1.5 times higher than the average salary in Lithuania (713,9 EUR)

Source: Lithuanian Biomass Energy Association LITBIOMA, The Ministry of Social Security and Labour
The real benefits of biomass
The Dynamic of natural gas and biomass price (including transportation and capacity fee) without VAT:

Source: The Lithuanian District Heating Association
KAUNAS TOWN

~80% of heating demand

~50% lower price

Source: SC „Kaunas energy“
JONAVA TOWN

~60% of heating demand

~30% lower price

Source: SC „Jonavos šilumos tinklai“
MOLĖTAI TOWN SUCCESS

~50% lower price
Greenhouse gas (CO2) emissions in DHS:

Source: Lithuanian Biomass Energy Association LITBIOMA
NORDIC BALTIC BIOENERGY CONFERENCE

Business connection between East and West

April 19-21, 2016
Organizers

Date: 19-21 April, 2016
Place: Radisson Blu Hotel Lietuva, Konstitucijos pr. 20, LT-09308, Vilnius
Attendees: not less than 350
EN, RU
Taking part

- Nordic countries
- Baltic countries
- PL, UA, BLR, MDA – emerging biomass markets
Special target groups

• Decision makers of targeted countries

• Businessmen of targeted countries

• Investors and technology providers from Nordic and Baltic countries
Conference set

DAY I – conference – policy and tendencies

DAY II - conference - technologies and trade

DAY III – visits - biomass in energy sector; biomass in industry.
Day 1. Gala dinner in palace of the grand dukes of Lithuania

Reconstructed Palace of the Grand Dukes of Lithuania that had been started to build from 13th century -

one of the most important projects of Lithuania’s Millennium programme.

Together with a tour directly related to the historical functions of this residence and illustrating Lithuania’s historical and cultural roots in the Grand Duchy of Lithuania – a multinational state.
Conference events

EXHIBITION (POSTER SESSION)
In Lithuania alone more than 20 companies projecting and implementing biomass technologies

MATCH MAKING – B2B
Highest added value when connecting developed markets with emerging countries

PRESS CONFERENCE
With highest level politicians from Nordic, Baltic and emerging in biomass sector countries
ONE OF THE BIGGEST INTERNATIONAL CONFERENCES IN 2016!
THANK YOU!