CASE STUDY: BIOGAS IN LOCAL PLANNING DOCUMENTS

COVENANT OF MAYORS & BIOGASACTION WEBINAR

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BACKGROUND

• The development of the Latvian biogas market was initiated by the introduction of new RES support policy - electricity feed-in tariff, guaranteed payment for installed capacity and investment grants.
  • The installed biogas capacity has increased from around 7 MWel in 2005 to 56.52 MWel in 2014.
BACKGROUND

• In 2013 the Ministry of Economics had set temporary limits within which additional subsidies for electricity producers were no longer submitted, it was planned that restrictions will be in force until the end of 2015 (but extended until 2020).

• All support for new biogas stations temporarily was stopped (no new licenses are available), but support for existing biogas stations didn’t change and interest for new investments in existing biogas stations remained fairly high.
AIMS AND OBJECTIVES OF THIS ACTION

• The aim of this activity was to motivate municipalities to cooperate with local biogas operators and to search for mutual benefits in biogas production, to include the biogas sector in the municipal sustainable energy action plans for the next seven years, and, based on all the local SEAPS, to develop a comprehensive regional plan for transport energy.
ZEMGALE PLANNING REGION

• Zemgale planning region is a derived public person and it acts under supervision of The Ministry of Environmental Protection and Regional Development.
TECHNICAL AND FINANCIAL IMPLEMENTATION

• Analysis of current situation at all municipalities
• Target setting for 2025 at municipal level
• Target setting for 2025 at regional level
• Ideas for regional pilot projects
EXISTING GOOD EXAMPLES

- Digestate storage
- Fields
- Biomas storage
- Brewery
- CHP 1,5MW
- Municipal buildings
- Electricity 1,5MW
- Heat
- Steam
- Biogas plant 2MW
- Biogas
- Solid manure, biomass
- Liquid manure
- Farm
- CHP 0,5MW
- Electricity 0,5MW
- Heat
- Stable
RESULTS

• 16 SEAPS for 16 municipalities

• Regional Plan for the Development of Sustainable Transport for Zemgale region
THANK YOU!