

Biogas in Latvia

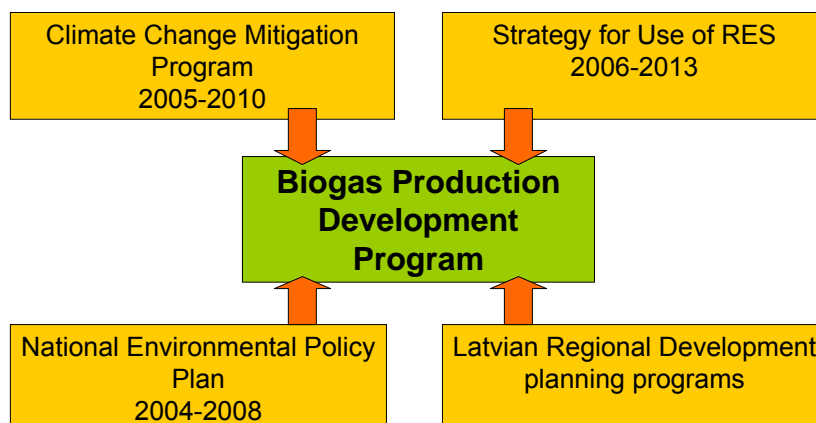
Ilze Dzene, Ekodoma



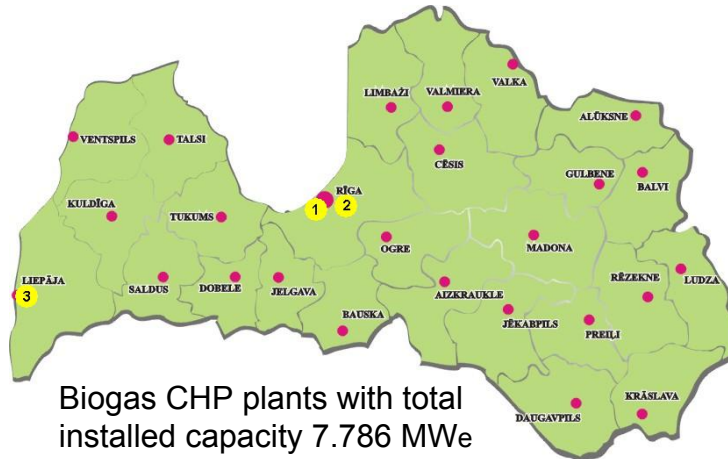
BiG>East Kick-off Meeting, 08 -10 October 2007, Munich



Planning documents



Biogas Plants in Latvia



08 - 10 October 2007

Kick-off meeting

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Biogas Plants in Latvia

1. Company "Riga Water" sewage treatment plant

- Electricity generation capacity 2.096 MWe
- Biogas production from sewage sludge



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2. Municipal Waste Landfill "Getliņi"

- Electricity generation capacity 5.24 MWe
- Biogas production from organic waste
- Installed capacity is not fully used



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3. Liepāja Regional Municipal Waste Landfill

- Electricity generation capacity 0.45 MWe
- In future installation of additional electricity generator with capacity 1 MWe



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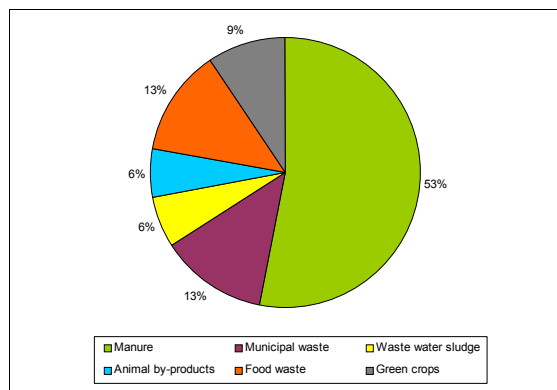
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Biogas production potential in Latvia

	mil.m ³ /a
Agriculture (manure, green crops)	111.8
Food processing industry and public catering (food waste)	23
Animal processing by-products	10.65
Waste water treatment (sludge)	10.8
Landfill waste (organic waste)	23
TOTAL estimated potential	~ 174

Source: Biogas Production Development Program, Latvian Ministry of the Environment

Biogas production potential in Latvia



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Barriers for increase of biogas production

- Lack of statistical data for evaluation of biogas potential
- Limited application of biogas production technologies
- Lack of successful pilot projects
- Insufficient practice of waste sorting
- Lack of investment and financial support possibilities
- Low awareness about biogas production possibilities in Latvia

Thank you!

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