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POLISH LANDFILL GAS TO ENERGY PROJECTS AND REGULATORY UPDATE

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Regulatory Update

Renewable Energy Sources Law Act

For LFGE projects, most important regulatory issues of RES Law Act are:

- Division of RES based on total installed capacity:
 - micro installation up to 40 kW electric capacity installed,
 - small installation from 40 kW to 200 kW electric capacity installed,
 - installation more than 200 kW electric capacity installed.
- Obligatory purchase of energy generated from RES by „obligated seller” and support by „green certificate” system but only for projects with capacity more than 200 kW.

Regulatory Update

New project of **Renewable Energy Sources Law Act**

From LFGE projects, most important regulatory issues of **RES** Law Act are:

- Constant price “feed-in tariff” for electricity generated by micro and small installations, regulated once a year by Ministry of Economy. „feed-in tariff” elements are: price for electricity (198,90 zł/MWh \approx 47 EUR/MWh) and revised equivalent fee (286,74 zł/MWh \approx 67 EUR/MWh). Constant price will be guaranteed for 15 years from project start-up but not longer than 2027.
- Correction factor for energy generated by installations more than 200 kW will be 1.1. Energy purchase guarantee for 15 years.

Renewable Energy Sources Law Act is planned to come into force on second part of 2013.

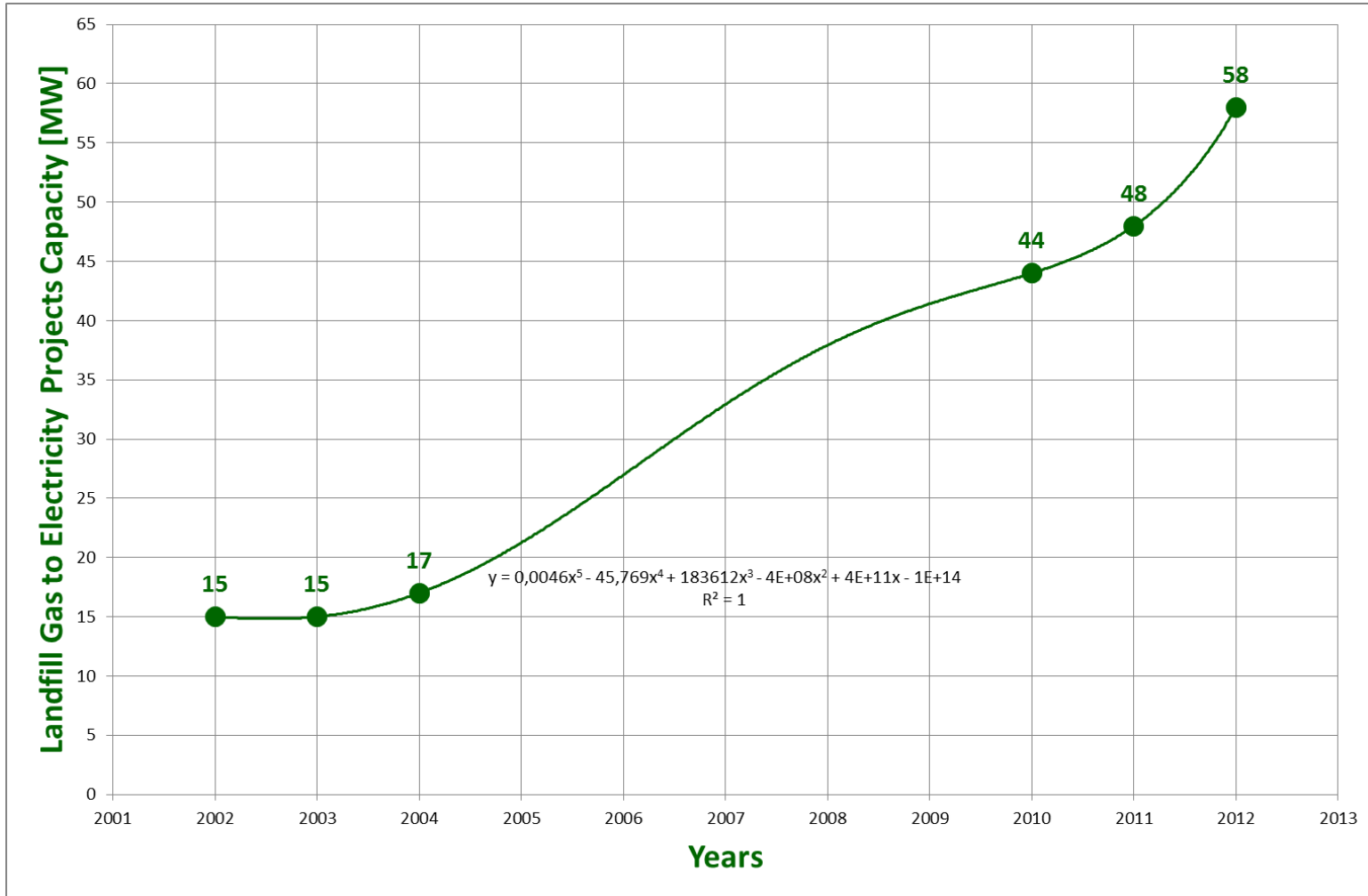
LFG to Electricity Projects in Poland

Number of projects and capacity

Voivodeship	Number of projects	Capacity [MW]
dolnośląskie	5	4.345
kujawsko-pomorskie	8	3.814
lubelskie	1	0.500
lubuskie	1	0.500
łódzkie	5	4.675
małopolskie	6	2.928
mazowieckie	21	11.956
opolskie	1	0.450
podkarpackie	3	1.511
podlaskie	1	0.700
pomorskie	4	3.557
śląskie	15	11.738
świętokrzyskie	1	0.360
warmińsko-mazurskie	3	1.514
wielkopolskie	8	5.497
zachodniopomorskie	11	4.253
Total	94	58.298



History of LFG to Electricity Projects in Poland



Summary

RES Law Act:

- RES Law Act should strongly influence on LFGE market in Poland.
- LFGE small scale projects could be financially feasible.

LFGE Projects:

LFGE projects number and its capacity may not increase with present dynamics in the future.

Reasons:

- Regulatory limit of biodegradable wastes amount deposited at landfills.
- LFG generation at closed landfills will decrease in the future.