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Project Presentation

Biogas Power Plant Dolice up to $1MW_{el}$

April 2022

Project Information

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Basic information about the project

The project	Construction of an agricultural biogas power plant in Dolice with a capacity of up to 1 MW
Project owner	Artos Sp. z o.o.
Biogas plant capacity	0,999 MW
Location	Dolice, commune of Dolice, Poland
FiT/FiP	certificate obtained
The Substrates	Crops biomass (grass silage, maize silage, other crops biomass) + sugar beet pulp + animal manure (chicken manure)
Legal status of the project	Special purpose vehicle - BioPark Mała lna Sp. z o.o.

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Progress of the project

Disposal of land for a biogas plant (lease agreement)	✓
Decision on environmental conditions of the project	✓
Decision on building conditions	✓
Conditions of the connection to the electricity grid	✓
Signed grid connection agreement	✓
Heat management - drying processes	✓
Construction project completed	✓
Building permit	✓
Formally commenced construction	✓

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Location of the project

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Location of the project

Land for the construction of a biogas plant:

- Size of plot – 3.7398 ha
- Intended use - industrial land
- Current use - agricultural
- Access to the municipal road
- Basis of land disposal -

-> lease agreement.

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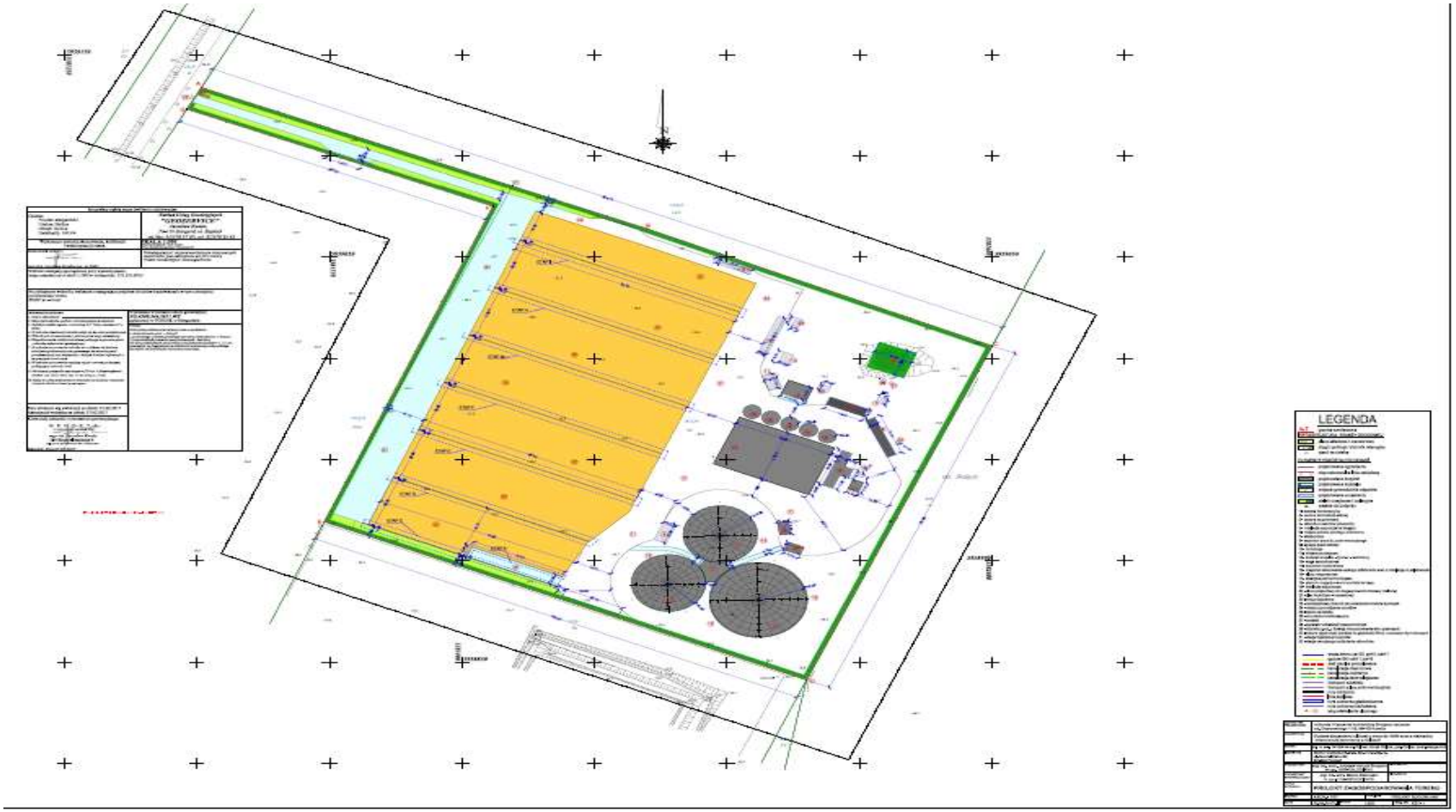
Location of the project

Land use plan



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Planned substrates for biogas production

Predicted Substrates according to the environmental decision:

1. **Crops biomass (grass silage, maize, other crops);**
2. **Animal manure (chicken manure);**
3. **Sugar beet pulp.**

Quantity of total input not exceeding 30 000 Mg/year (82 Mg/day).

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Heat and fermentation management

1. Use of heat generated by cogeneration

- Drying of the solid fraction of fermentation (after separation), production of pellets for combustion and the possibility of drying other products;
- 100% use of heat for technological processes and drying processes;
- Alternative solution - drying of other products, production of organic fertilizer;

2. Fermentation management (liquid fraction)

- Fertilisation of arable land - in accordance with procedure R10 - agricultural development;
- Possibility of an additional source of income through trade in digestate

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We invite you to cooperate with us!

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