



# Project Presentation

Biogas Power Plant Komorzewo up to  $1\text{MW}_{el}$



April 2022



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## Project Information

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## Basic information about the project



The project	Construction of an agricultural biogas power plant in Komorzewo with a capacity of up to 1 MW
Project owner	Artos Sp. z o.o.
Biogas plant capacity	0,999 MW
Location	Komorzewo, commune of Czarneków, Poland
FiT/FiP	certificate obtained
The Substrates	Crops biomass (grass silage, maize silage, other crops biomass) + pig slurry
Legal status of the project	Special purpose vehicle - Agrigen Komorzewo Sp. z o.o.

## Progress of the project

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

## Location of the project



## Location of the project

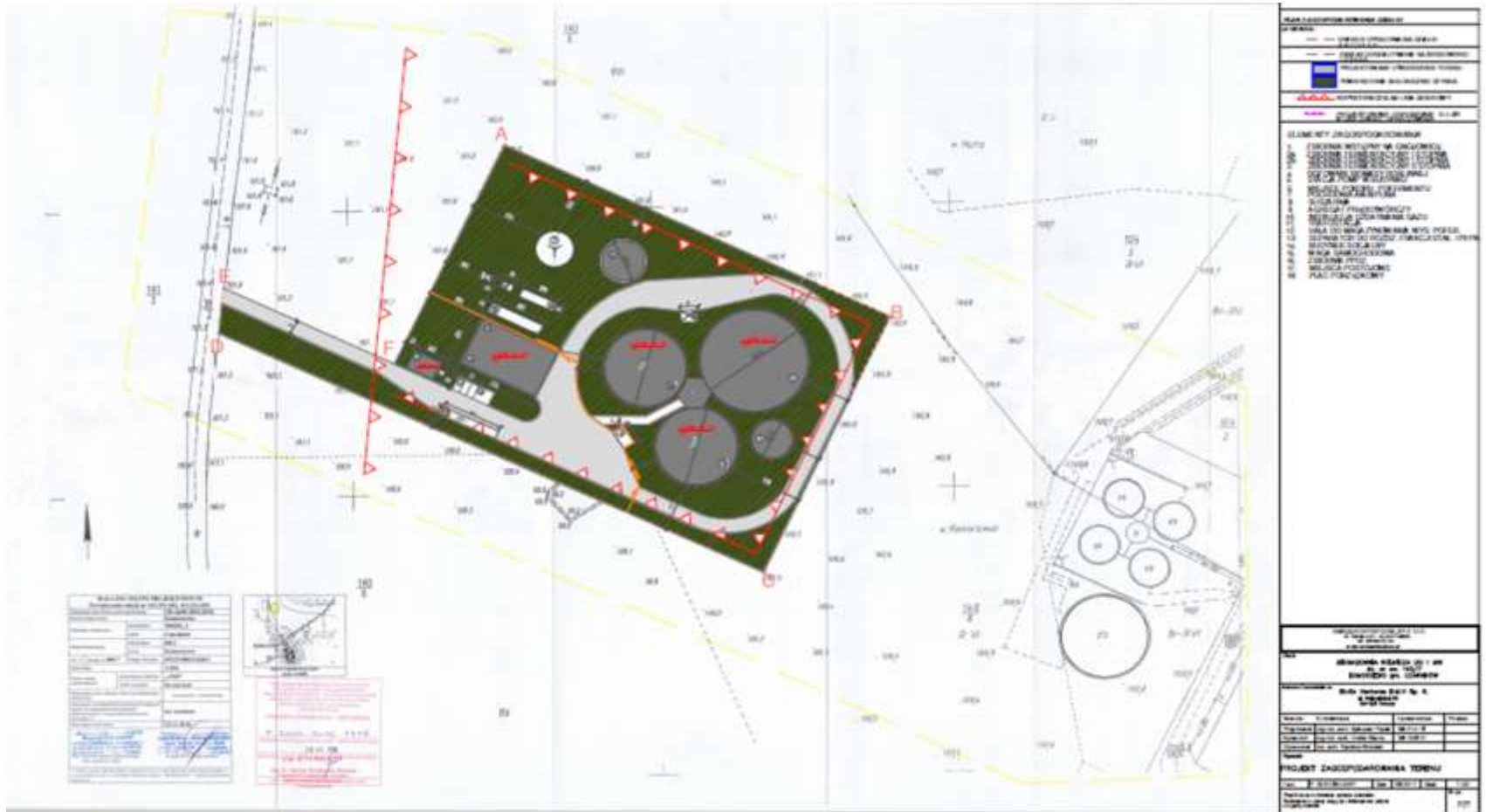
### Land for the construction of a biogas plant:

- Size of plot – 1.5183 ha
- Located next to a pig farm
- Intended use - industrial land
- Current use - agricultural
- Access to the municipal road
- Basis of land disposal -  
-> lease agreement for 29 years.



# Location of the project

## Land use plan



## Planned substrates for biogas production

**Predicted Substrates according to the environmental decision:**

- 1. Crops biomass (grass silage, maize, other crops),**
- 2. Pig slurry.**

**Quantity of total input not exceeding 60 000 Mg/year (165 Mg/day).**





## 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 fertilizing arable land - agricultural environment



# We invite you to cooperate with us!

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