

GROUP OF COMPANY VITAGRO – NATIONAL MARKET OPERATOR

TOP
5

the largest gardens
of Ukraine

TOP
5

of the largest pig
breeding companies
in Ukraine

TOP
10

of the largest dairy herd
companies in Ukraine

TOP
15

latifundists of Ukraine





**4 solar power plants
16 MWp**



Biomethane plant



Bioethanol plant



**Construction:
Roads, bridges,
commercial and industrial**

**Total land bank
90 000 hectares**



3 brick factories



**Cattle – 5,000 heads
Pigs – 110,000 heads**



9 asphalt plants

**Oil extraction
plant**

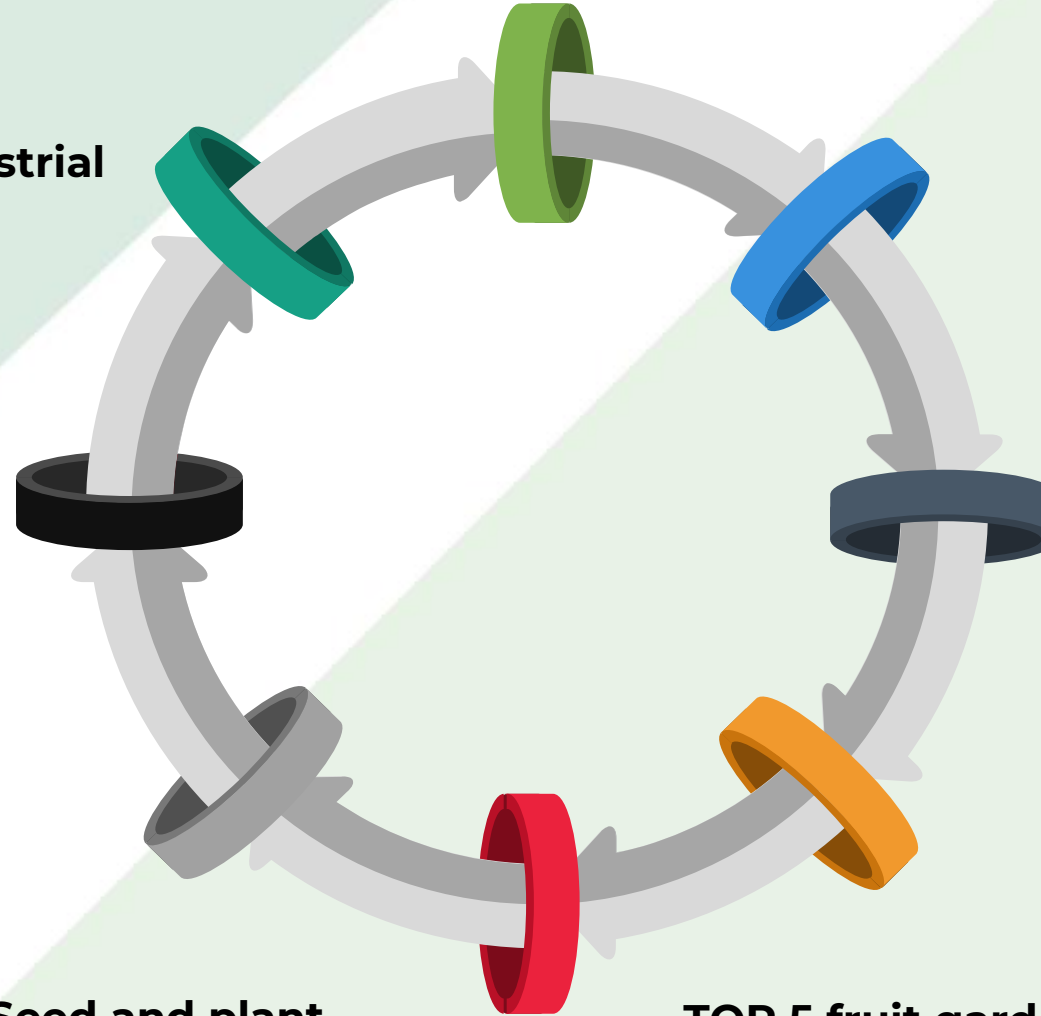


**Elevator business
400,000 tonnes**

**TOP 5 fruit gardens
in Ukraine**



**Seed and plant
protection products
factories**



First biomethane plant in Ukraine

Annual production capacity: up to **30 000 MWh**

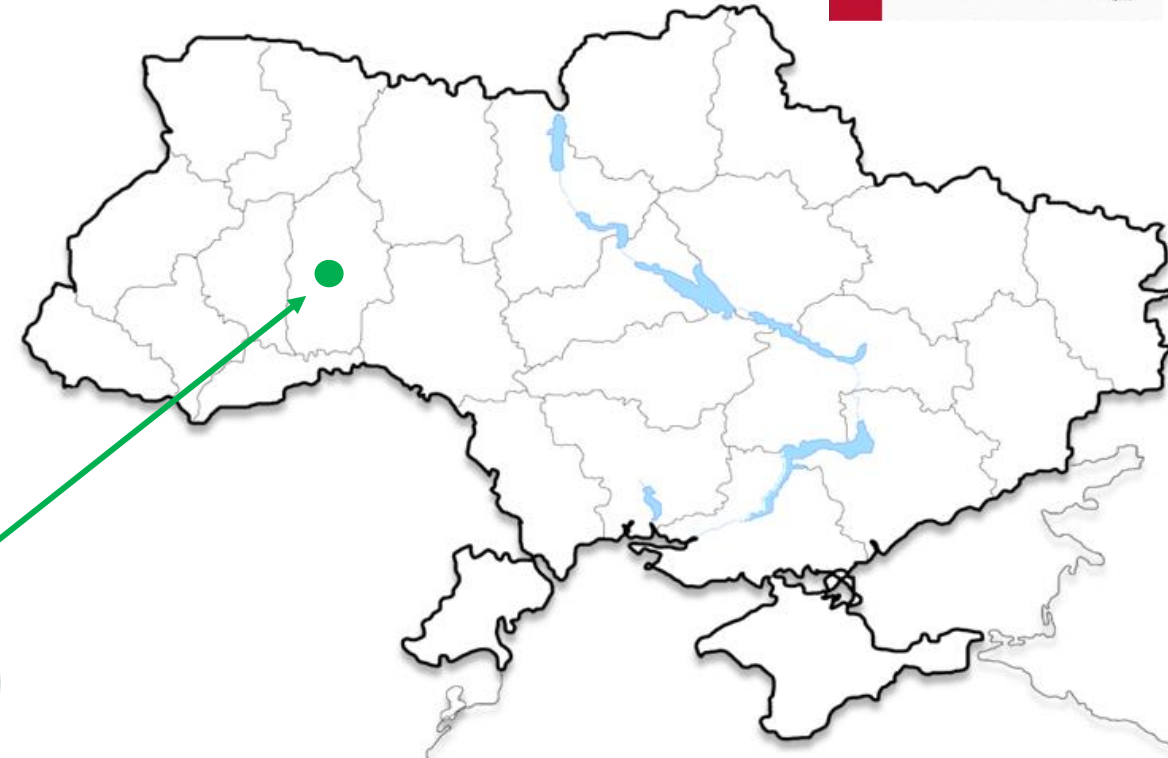
Co-product: organic fertilizers (more than **70 000 tons annually**)

Commissioned: **December 2023**

ISCC certificate: **February 2024**

Injecting into gas storage: **September, 2024**

Start of exporting to the EU: **February, 2025**



Location
Khmelnytskyi region
Western Ukraine

2022



2023



Feedstock

Type	Annual volume	Certification	Source	Details
Pig manure	40 000 tons	certified	Vitagro	Liquid, which is supplied to biogas via pumps from a neighboring farm
Cattle manure	16 000 tons	certified	Vitagro	There is a potential to increase volume from neighboring farms
Chicken manure	up to 15 000 tons	certified	Vitagro and external	Part from own farms (5000 tons) and the rest - 10 000 tons purchase from outside
Pig manure, separated	1 800 to 10 000 tons	certified	Vitagro	It is planned to separate liquid manure at the other pig farms and to use solid fraction of manure.
Food waste	5 000 to 10 000 tons	certified	External	Waste from apple processing plants, seasonal raw material
Corn silage	up to 3000 tons	certified	Vitagro	For production of heat power for the plant's needs

Ukrainian producers are in a worse market position than biomethane producers in Europe

- Additional logistic costs – 4,5 EUR/MWh costs for delivery to the border
- Producers in Ukraine must engage not only in production but also in the gas trading business
- Lack of support for the development of biomethane projects in Ukraine
- Ukrainian producers have limited opportunities to sell their biomethane on the European market

Crucial steps to scale up biomethane production and exports from Ukraine


- We have to complete the procedure for joining the Union Database
- We must complete the creation of the Ukrainian biomethane registry, its integration into the UDB, and also achieve recognition of Ukrainian guarantees of origin (GO) by the EU, Switzerland, and the UK
- We need to simplify Ukrainian legislation on biomethane exports, allowing not only producers but also traders to export
- It is necessary to negotiate with the German government about the possibility of using Ukrainian biomethane, which can be supplied by pipelines, in the automotive market

Only then

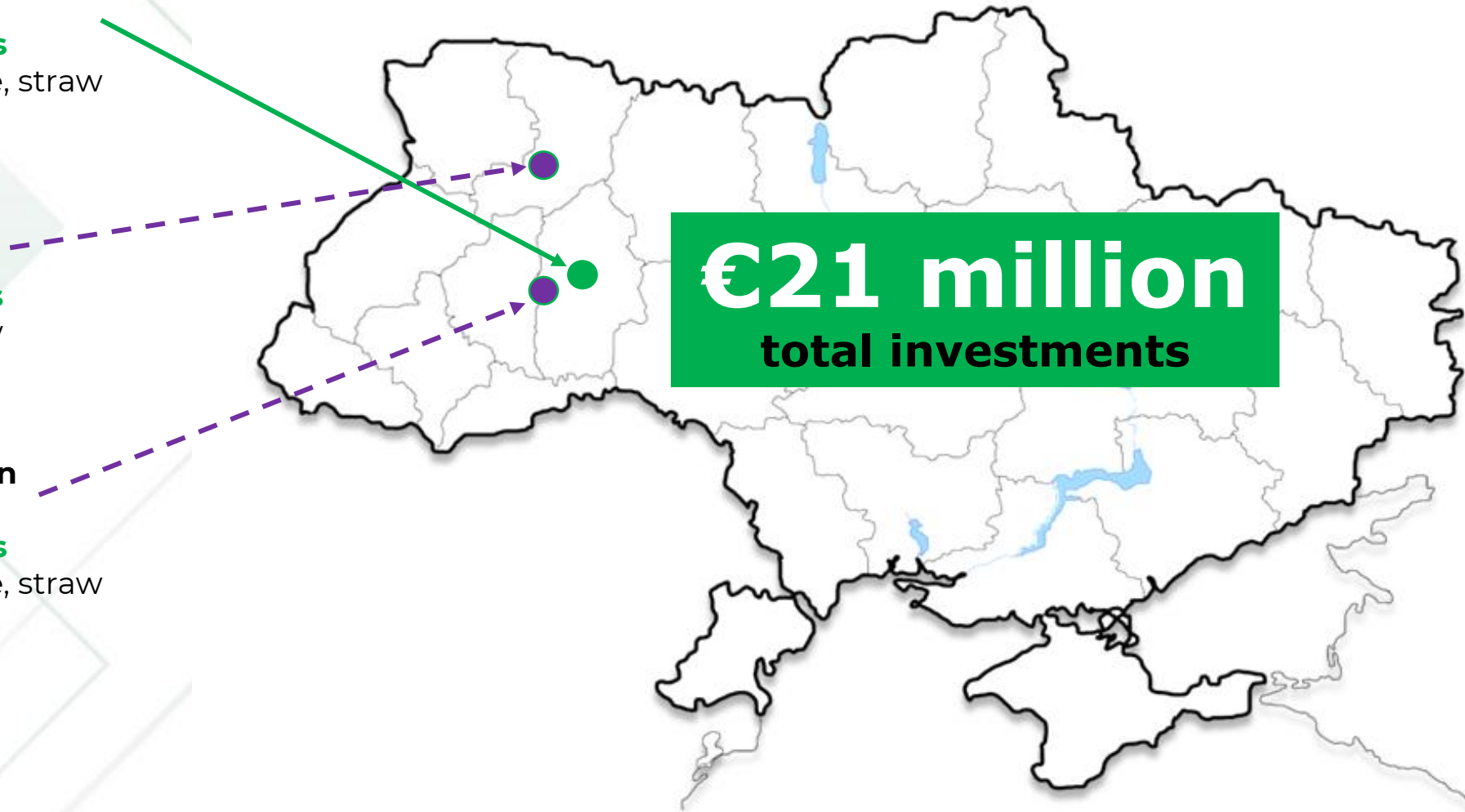
- We can talk about long-term contracts
- We can talk about the possibility of attracting project financing to this market
- We can forecast and plan the number of potential projects and the amount of biomethane produced

We are ready to invest in new projects, but.. ГРУПА КОМПАНІЙ **VITAGRO**

 **Pilot project №1, Khmelnytskyi region**
3 million m³/year
90 000 tons of organic fertilizers
Pig manure, cattle manure, silage, straw

 **Project №2, Rivne region**
3 million m³/year
52 000 tons of organic fertilizers
Cattle manure, pig manure, straw

 **Project №3, Khmelnytskyi region**
3 million m³/year
90 000 tons of organic fertilizers
Pig manure, cattle manure, silage, straw



€21 million
total investments

Business wants

- **Predictability**
- **Clear legislative framework**