

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



**Total land bank
90 000 hectares**



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



**Oil extraction
plant**



**TOP 5 fruit gardens
in Ukraine**



**Seed and plant
protection products
factories**



**Elevator business
400,000 tonnes**



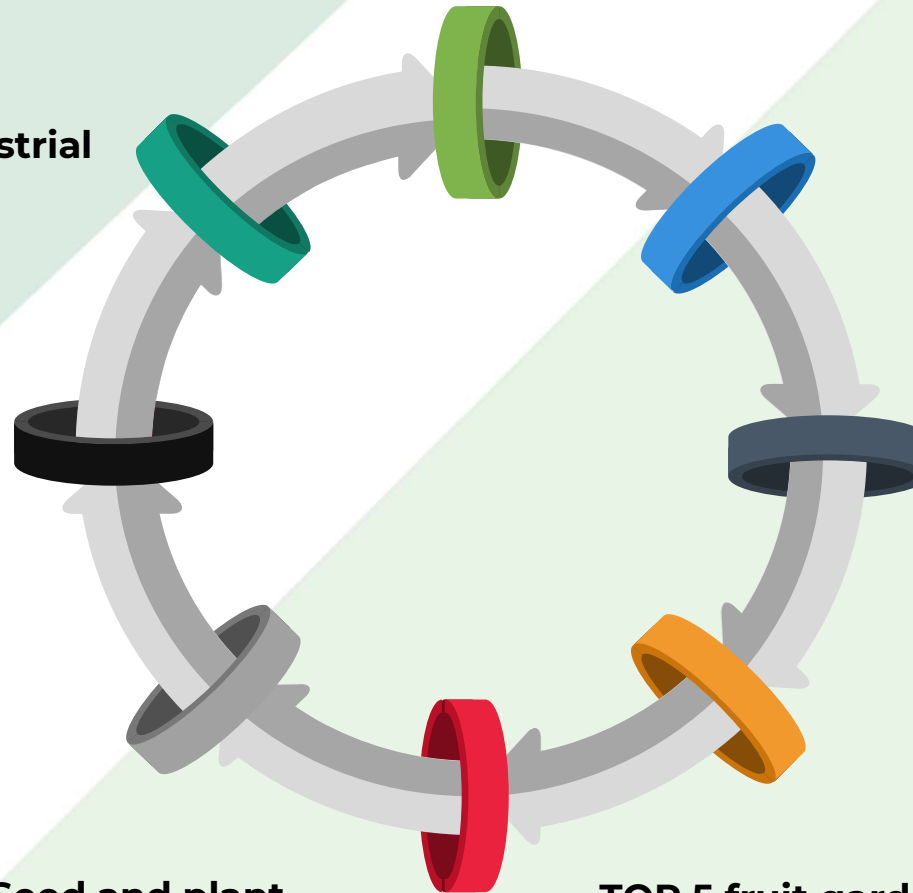
9 asphalt plants



3 brick factories



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



First in Ukraine biomethane plant

ГРПІА КОМУНАЛІ
VITAGRO

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

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

Commissioned: **December 2023**

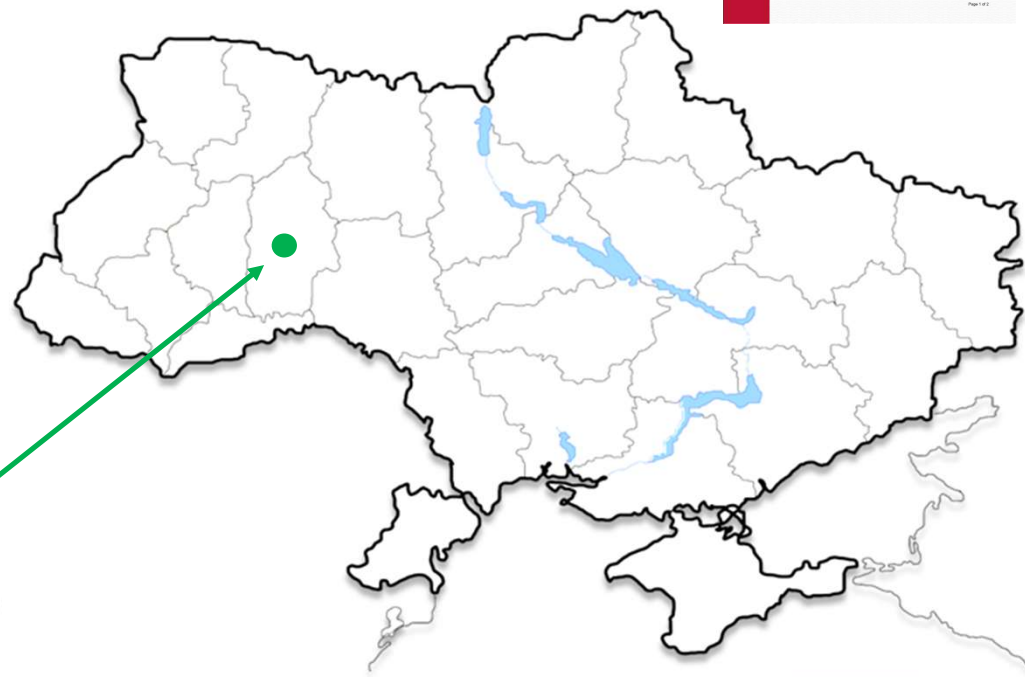
ISCC certificate: **February 2024**

Injecting into gas storage: **October 1, 2024**

Start of exporting to the EU: **February 7, 2025**



Location
Khmelnyskyi 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	plan to certify	External	Waste from apple processing plants, seasonal raw material
Corn silage	up to 3000 tons	not certified	Vitagro	For production of heat power for the plant's needs

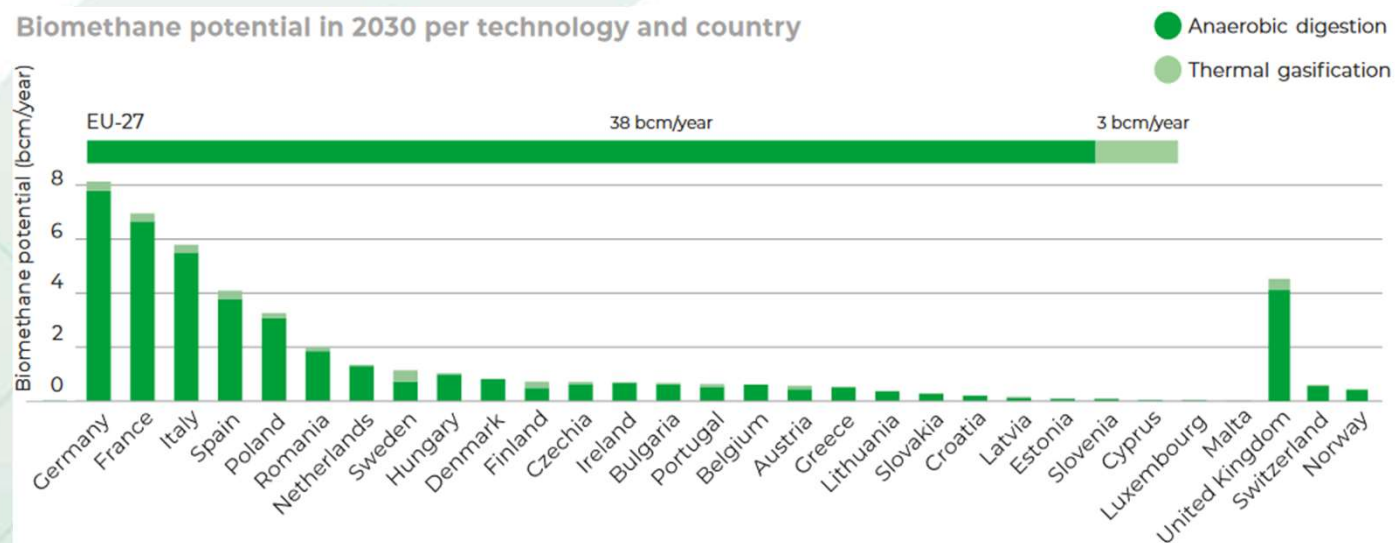
Biomethane projects pipeline in Ukraine as of start of 2025



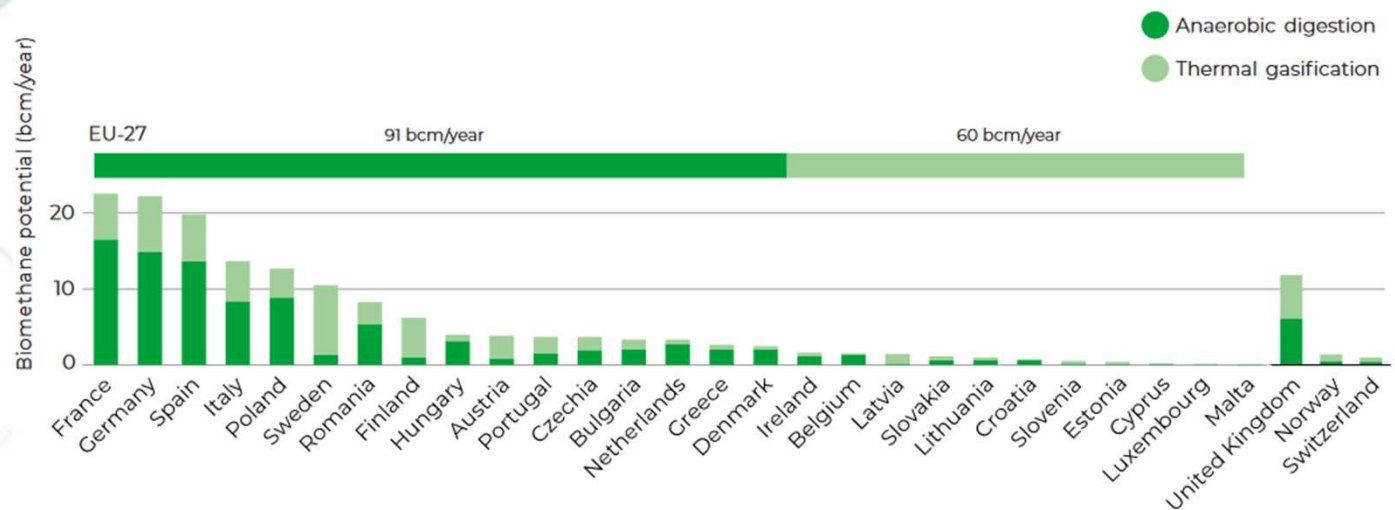
#	Company	Location	Unit capacity, mcm/a	Product / connection to gas network
1	VITAGRO	Khmelnyskyi	3.0	Gas distribution network
2	Gals Agro	Chernihiv	3.0	Gas distribution network
3	MHP	Dnipro	11.0	Gas distribution network
4	Theofipol Energy Company	Khmelnyskyi	56,0	Gas transmission network
5	Gals Agro	Kyiv	3.0	Gas distribution network
6	"YUM LIKVID GAS" LLC	Vinnytsia	11.0	bioLNG
7	"YUM LIKVID GAS" LLC	Vinnytsia	11.0	bioLNG
8	MHP	Vinnytsia	24.0	bioLNG
Total			111.0	

Source: <https://greendealukraina.org/assets/images/reports/the-potential-of-ukraine-eu-biomethane-cooperation.pdf>

Biomethane potential in 2030 per technology and country

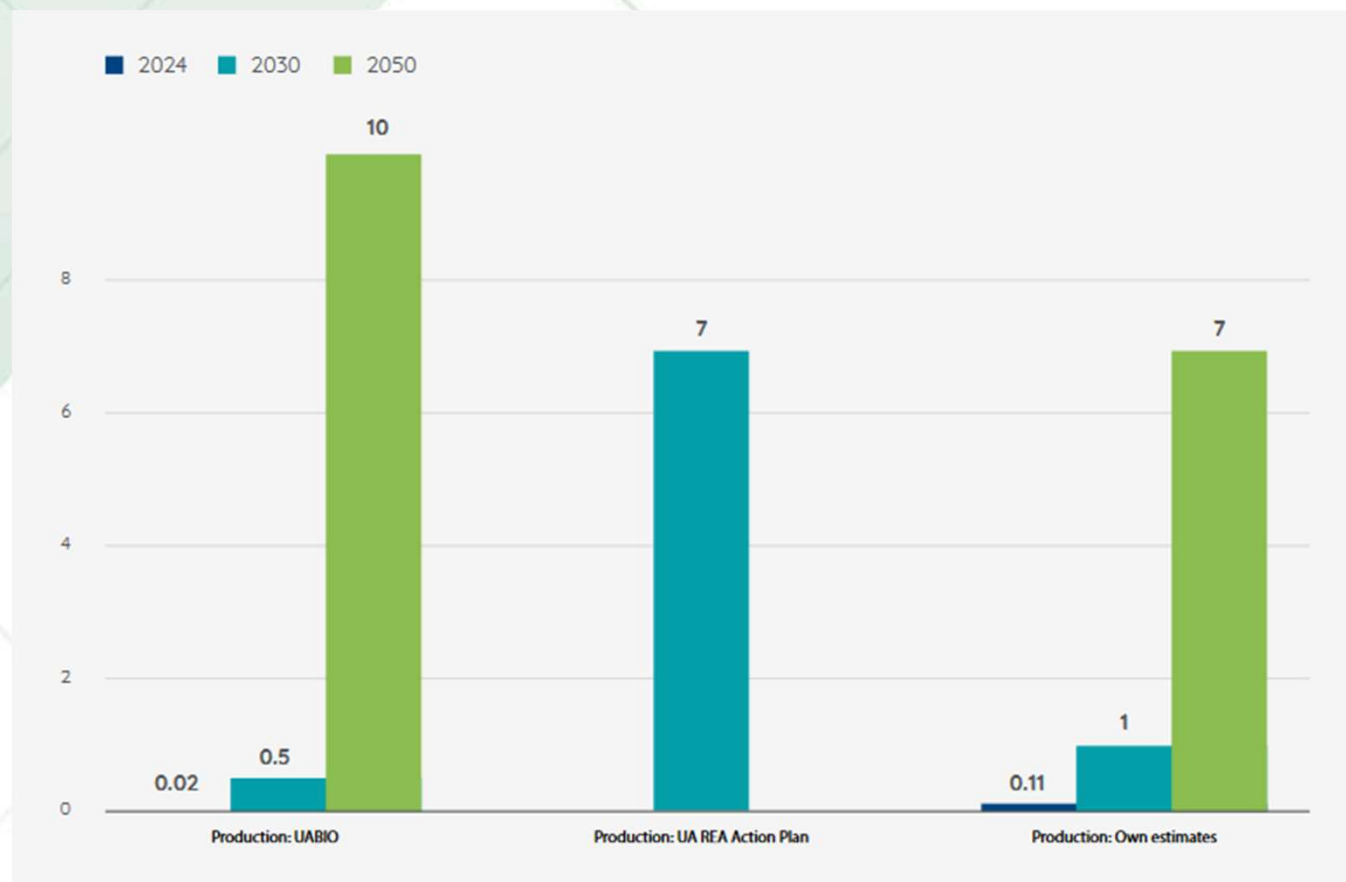


Biomethane potential in 2050 per technology and country



Source: <https://www.europeanbiogas.eu/biomethane-production-potentials-in-the-eu/>

Biomethane export from Ukraine to the EU forecasts [bcm/year]



**Potential share
of Ukrainian biomethane
in EU consumption:**

**1,7 - 2,4 % in 2030
4,4 - 6,6 % in 2050**

Crucial steps to scale up biomethane production and exports from Ukraine

Ukrainian side:


- Simplified grid connection procedures
- Quality requirements and procedures aligned with EU standards
- Realistic sectoral development strategy

The EU side:

- Ukrainian imports integrated into the EU Union Database for Biofuels (UDB)
- Standardised quality and monitoring requirements for biomethane

Our development strategy

 **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



€22 million
total investments