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## AGROENERGY PARKS OF UKRAINE

We transform the raw material potential  
of the agricultural sector into clean  
energy and stable profits!

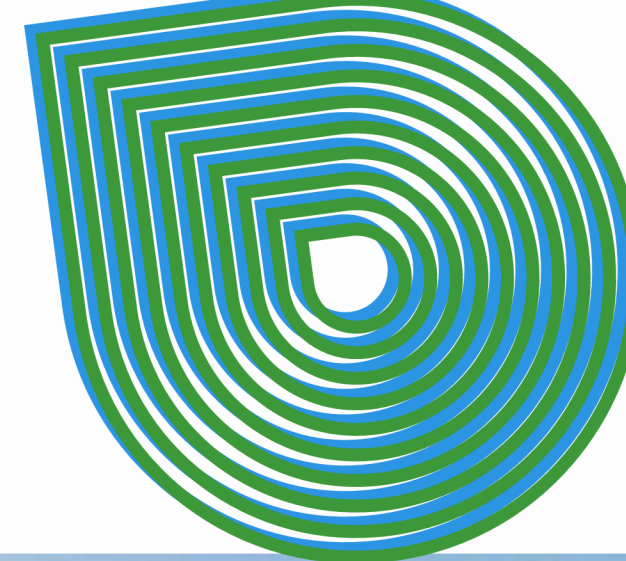






# AGROENERGY PARKS OF UKRAINE

is a community of highly motivated experts who, together with agricultural companies and communities, form the infrastructure and provide the necessary conditions for the successful implementation of bioenergy projects **by creating a network of local agroEnergy parks.**







# Who We Are & What We Offer

- **AgroEnergy Parks Ukraine** is a developer and operator of cooperative biogas projects.
- **Our mission:** to build a network of AgroEnergy Parks that convert agricultural waste into energy and value.
- **We invite you** to become a strategic technology partner in scalable, sustainable, and high-return green energy projects.





# CURRENT STATE AND PROSPECTS OF THE BIOGAS INDUSTRY



Approximately **177.5 million tons of agricultural waste** are generated annually in Ukraine, including around **26 million tons of livestock waste**, which often remain unused or are improperly disposed of.



The biogas production potential from this waste is estimated **at 6.1 billion m<sup>3</sup> per year**, which could significantly replace natural gas consumption.



Improper management of agricultural waste leads to soil and water pollution, negatively impacting ecosystems and public health.



The uncontrolled decomposition of organic waste releases greenhouse gases such as methane, contributing to climate change.





# OUR GOAL

- 01** **To transform the raw material potential** of small and medium-sized agricultural enterprises into profitable biogas projects, ensuring additional income and sustainable development.
- 02** **To establish the organizational structure** of a network of local agroEnergy parks for the deployment of biogas plants.
- 03** **To develop financial mechanisms** and provide organizational support for agro-energy projects.
- 04** **To ensure access to technologies and the biogas market.**
- 05** **To reduce environmental pollution** and cut CO<sub>2</sub> emissions, contributing to Ukraine's energy independence by transitioning from fossil fuels to biogas.





# OUR OBJECTIVES

**By 2030, we plan to build 50 biogas plants within AgroEnergy Parks, which will provide:**

- ✓ **250 million m<sup>3</sup> of biogas per year** – efficient utilization of agricultural waste for energy production.
- ✓ **150 million m<sup>3</sup> of biomethane per year** – enabling partial replacement of imported natural gas and energy exports to the EU.
- ✓ **500 GWh of electricity per year** – equivalent to the annual consumption of hundreds of thousands of households.
- ✓ **Processing of 5 million tons of agricultural waste annually** – reducing environmental impact and implementing a closed-loop system in agriculture.

**Become a partner in an innovative project and contribute to the development of the bioenergy of the future!**





# STAGES OF FORMATION



## JOINING THE PROJECT



## FORMATION OF LOCAL PARKS



## CONSTRUCTION OF BIOGAS PLANTS

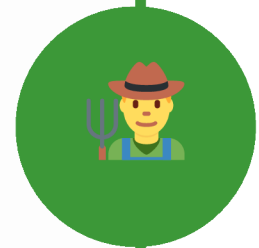
- ◆ Uniting agricultural producers, investors, technology companies, and communities.
- ◆ Coordinating parameters and defining criteria for future projects.
- ◆ Conducting a project screening study to assess raw material potential and pre-construction readiness.

- ◆ Formation of the structure of a local Agro-Energy Park.
- ◆ Coordination of technical parameters and distribution of functions among participants.
- ◆ Preparation of a Feasibility Study.

- ◆ Development of permitting documentation and plant design.
- ◆ Construction and installation of equipment.
- ◆ Biogas production and its further conversion into biomethane or electricity.



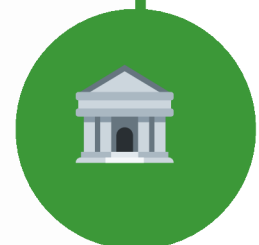
# WHO CAN BECOME A PARTICIPANT



**Agricultural enterprises and farms:** owners of agricultural waste (manure, beet pulp, silage, straw, husks, and more).



**Communities and local self-government** authorities interested in establishing biogas parks and achieving local energy independence.



**Investors and financial institutions** (banks, international financial organizations, and funds) that support bioenergy initiatives.



**Technology companies and equipment manufacturers:** engineering companies that develop and implement efficient solutions for bioenergy.



**Experts and research institutions:** industry analysts, research institutes, and laboratories working on innovations in the bioenergy sector.



**Consulting companies** specializing in legal, technical, and financial support for biogas projects.





# ORGANIZATIONAL STRUCTURE

**AgroEnergy parks have a multi-level organizational structure, ensuring a clear distribution of functions among all participants.**

- ◆ **The Union** serves as a strategic center that defines policy and advocates for the interests of the sector.
- ◆ **The development company** manages the implementation of local biogas projects.
- ◆ **Local biogas plants** directly produce biogas and distribute the output

**Technology companies play a key role in developing and implementing innovative solutions at both the developer company and local biogas plant levels.**



# WE ARE READY TO COOPERATE WITH:



## FINANCIAL INVESTORS

- ◆ To finance the construction of biomethane plants and the purchase of equipment.
- ✓ Advantages: potential for high returns on investment due to the growing demand for renewable energy in Ukraine and supportive government policies.



## EQUIPMENT MANUFACTURERS

- ◆ To provide the necessary technologies and equipment for the construction and operation of biomethane plants.
- ✓ Advantages: expansion of market presence in Ukraine due to the growing demand for renewable energy..



## BIOGAS TRADERS

- ◆ Purchasing produced biomethane for energy production or resale in other markets.
- ✓ Advantages: ensuring a stable and sustainable source of biomethane at competitive prices.





# Project Pipeline & Status



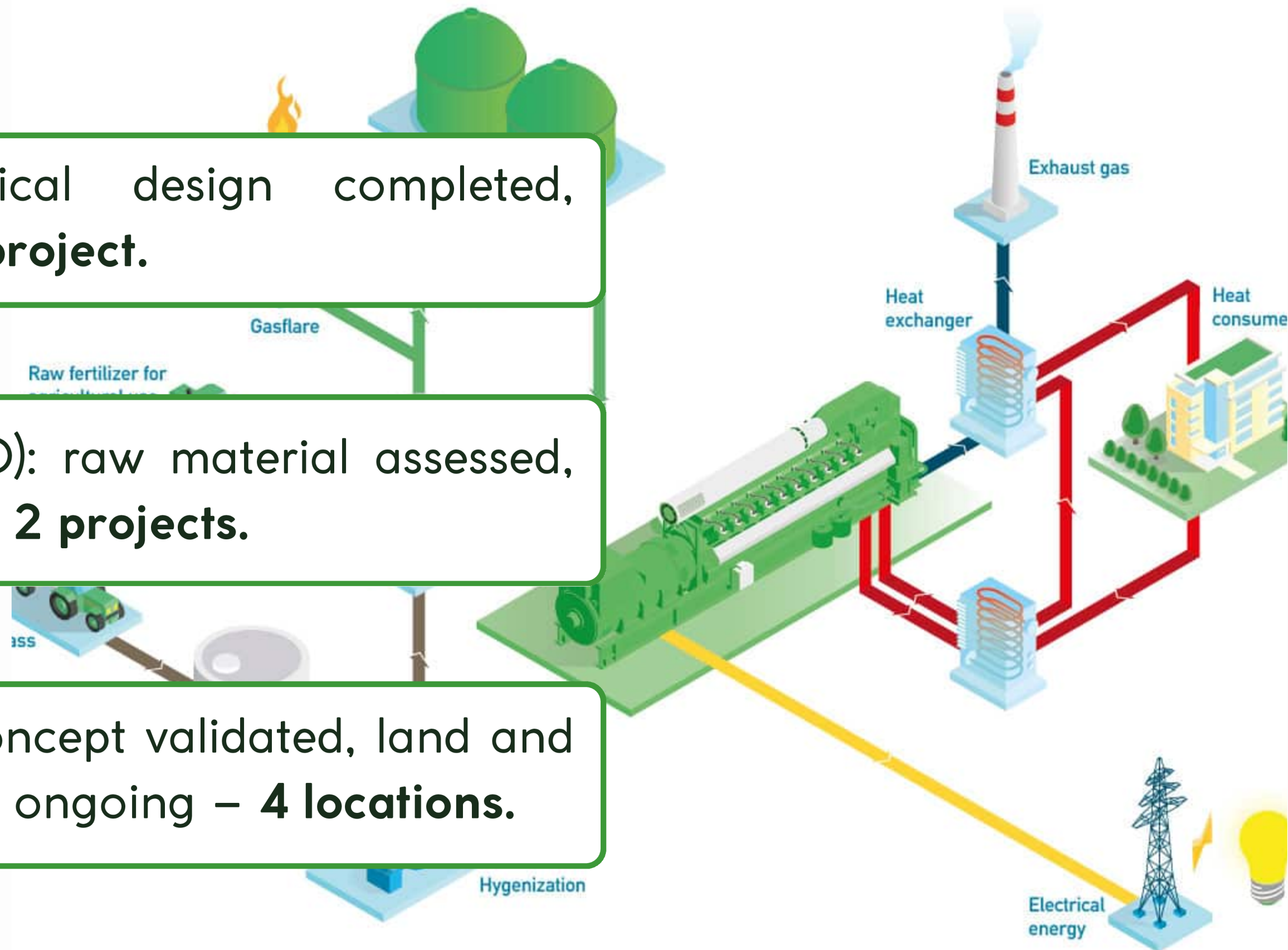
Ready-to-build: technical design completed, permits in progress – **1 project**.



In feasibility stage (TEO): raw material assessed, local partners secured – **2 projects**.



Under pre-feasibility: concept validated, land and community engagement ongoing – **4 locations**.





# BECOME OUR STRATEGIC TECHNOLOGY PARTNER!

## Why is it beneficial?

- ◆ **Ready market** – hundreds of agricultural enterprises require modern biogas solutions.
- ◆ **Fast start** – access to projects ready for implementation.
- ◆ **Exclusive opportunities** – priority access to large-scale projects.
- ◆ **Long-term partnership** – collaboration with agribusinesses, investors, and government initiatives.
- ◆ Opportunity **to become a co-investor** in the project.

## Your role in the "AgroEnergy Parks of Ukraine" Union

- ✓ **Supplying top-tier technologies for biogas plants.**
- ✓ **Participating in market standard development.**
- ✓ **Providing technical support and expert project evaluation.**





# Join the Agroenergy Parks of Ukraine!



**Vita Kravchuk, International Partnership Manager**



**Roman Kushnir, Financial Analyst**

- ◆ You have the opportunity to be part of the large-scale development of Ukraine's biogas industry, an emerging sector with significant technological demand and growth potential.

- ◆ By partnering with us, you can bring your advanced solutions, support project implementation, and play a central role in transforming Ukraine's energy landscape.

- ◆ This collaboration positions your company as a key technology provider in a rapidly expanding market, while contributing to a sustainable and secure energy future.



**Kostiantyn Orlovskyi, CEO of the development company "AgroEnergy Parks of Ukraine"**



**Alla Brushnivska, Manager for Agricultural Companies**



# Join Us

Join the new energy future of Europe by contributing your technologies to support sustainable development, decarbonization, and renewable energy.

Your innovative solutions and our raw materials are the foundation for creating a clean and resilient energy infrastructure.



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