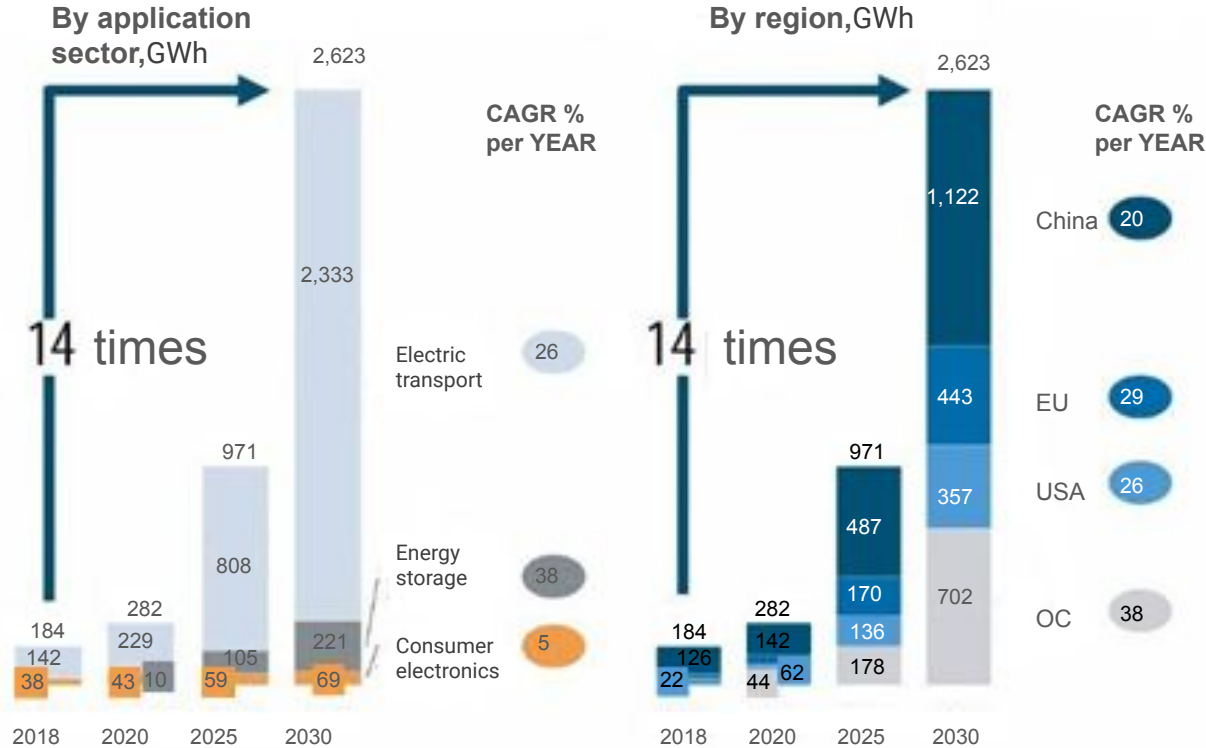


GIGAFACTORY PROJECT

UKRAINIAN LITHIUM CORPORATION



INCREASED DEMAND FOR BATTERIES

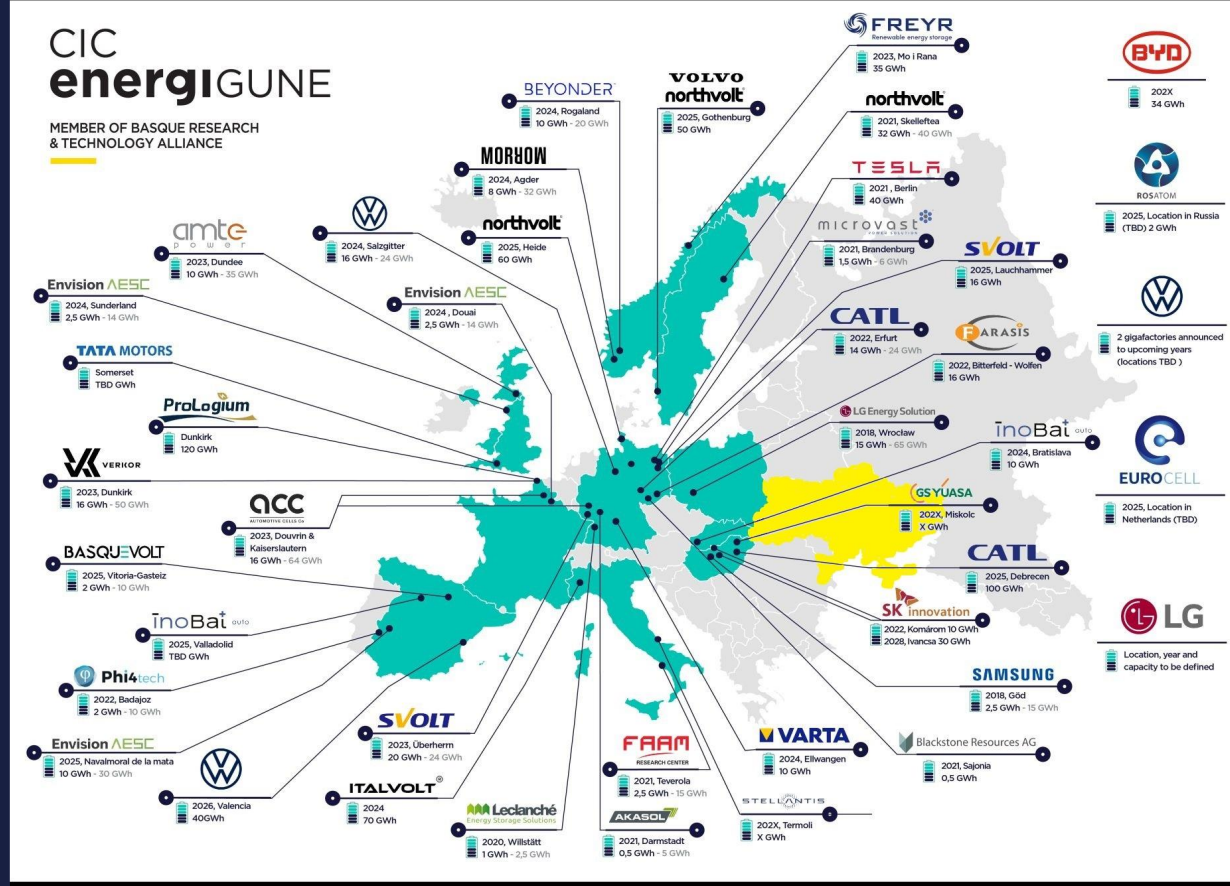


A problem in the market that we are solving:

Increased need for batteries due to the unprecedented growth in the use of electric vehicles (EV), the drive for electrified machinery, transportation and growing energy storage needs in the energy industry.

Current situation

EUROPEAN GIGAFACTORIES MAP



Approximately 350 GWh of battery cell production capacity is currently in use. A further 510 GWh of capacity will be announced by 2025, amounting to 860 GWh of cell manufacturing capacity, of which 60% will be in China. However, an additional 1,700 GWh would be required to meet the need for 2,600 GWh in 2030. That is to say, meeting the baseline demand will require an additional \$140 billion of investment before 2030.

The Ukrainian Lithium Corporation (ULC) project is intended to solve this problem

We aim to create the first gigafactory in Ukraine, which will meet not only the needs of the domestic market, but also become a supplier for European manufacturers of electric vehicles and electrical equipment.

Support from the State:

- ◆ temporary CIT exemption (till 2036);
- ◆ temporary VAT and customs duty exemption (till 2031) for importing goods;
- ◆ compensation for the cost of engineering and transport infrastructure constructed by the applicant or investor with significant investments;
- ◆ compensation of costs for connection and connection to engineering and transport networks.

Our solution to this problem:

Ukrainian Lithium Corporation (ULC) offers an innovative solution for growing demand for batteries and ensuring sustainable development of the Ukrainian and European markets of electrical equipment.



GF with a capacity of 5 (with scaling up to 50) GWh/year



Targeted mineral extraction



Supply chain localization



Tax benefits and financial support



Modern technologies



Environmental sustainability



How it will work:

ULC represents an integrated and sustainable approach to the production of electric battery cells, ensuring high performance and environmental responsibility.



01

Access to raw materials:

Graphite, manganese, lithium, cobalt, nickel, copper - all resources are available in Ukraine.

02

Gigafactory production:

High (5-50 GWh/year) capacity to meet growing demand.

03

Energy sustainability:

The production of batteries will be done using green energy.

04

Research Activities:

Partnership with HSSMI provides a feasibility study for the project.

Why is Ukraine



Strategic Location:

Geography provides convenient access to key resources and creates a unique supply chain and logistics opportunity.



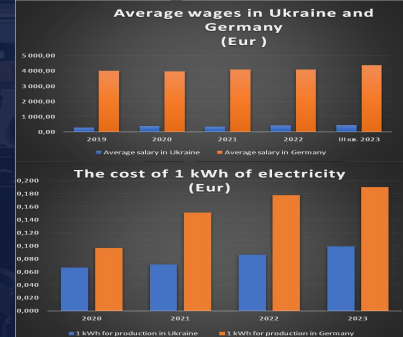
Energy sustainability:

Green energy is the focus of our plans, and Ukraine with its renewable energy potential ensures sustainability. By the beginning of 2022, the total capacity of green energy facilities in Ukraine reached 9,656 MW.



Safety and risk protection:

Safety is our first priority. We offer underground placement of the gigafactory for risk protection. Agreement with the Kirovograd region in Central Ukraine in the nearest location from mineral, aquatic and energy resources.



Advantages:

The average monthly wage in Ukraine was €453,43 in Q3 2023, while in Germany this figure was € 4375

The cost of electricity for production purposes in Ukraine was €0,099/kWh in 2023 at the same time in Germany this figure was €0,1904/kWh.

Project Roadmap and Phases

PHASE 1

HIGH LEVEL DEFINITION OF THE GIGAFACTORY

Define:

- Product and production assumptions
- Bill of Process
- Bill of Equipment
- Plant layout (blocks)
- Energy requirements
- Water requirements
- Labour requirements
- Overall cost & timing
- Mapping of materials sources, quantities and processes before

← 2 months →

PHASE 2

SECOND LEVEL GIGAFACTORY DEFINITION

Define:

- Strategic partnerships to scale up
- Location assessment
- Material and line balance assessment
- Material handling strategy
- 2D plant layout
- RFI for equipment
- Capacity analysis
- Waste handling

Planning application submitted

PHASE 3

DETAILED MANUFACTURING PLANNING

Define:

- Process Sheets + PFMEAs
- Equipment RFQs
- 3D Plant Layout (VR)
- Rendered visuals of plant
- Discrete Event simulation
- Material handling processes
- Productivity assessment

Factory design completed

PHASE 4

GETTING READY FOR LAUNCH

- Programme management support
- Virtual commissioning
- IT Strategy
- Detailed launch plan
- Final production hall layouts with services locations
- Health and safety master plan

Financial model and amount of investment:

To complete Phases 2 and 3 of the Gigafactory project, an investment of \$15 million have to be raised. Phase 2 is estimated at \$3-4 million and Phase 3 at \$6-11 million

Phase 1
Done

Phase 2
\$3-4 millions

Directed to detail the plant plan and obtain a building permit.

Phase 3
\$6-11 millions

Directed to external infrastructure projects based on the results of Phase 2.

Phase 4
\$ 425 - millions

The final stage includes an additional round of investment for further development of the project to reach 5 GWh capacity.

Our team



Anastasia Taran Co-Founder & Director

Specialist in the field of industrial design and construction of production equipment



Artyom Taran Co-Founder & CEO

Mining Mechanics Specialist, mining equipment maintenance and repair consultant (mining industry)



Nikolay Aliev Co-Founder & Chief Development Officer

Mining engineer and professional consultant with extensive technical experience in the energy industries of Ukraine (oil and gas projects)



Alexander Trikoz Co-Founder & CFO

Specialist in the areas of finance, planning, and economic development

Geopolitical advantage

Ukraine has a strategic location and access to key resources for battery production.

Green energy

We aim to create a gigafactory powered by renewable energy, meeting the requirements of environmental responsibility.

State support

Ukraine's tax incentives and investment friendliness provide a favorable climate for business.

We are looking for strategic partners and investors who are ready to invest in a promising gigafactory level project.

Join us in creating the future of electric mobile revolution in Ukraine and in Europe!

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