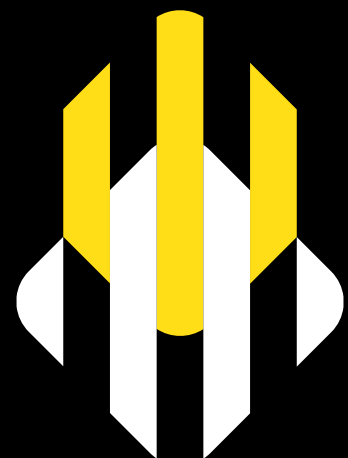
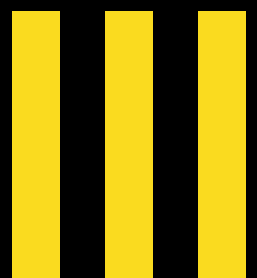




Protecting the present,  
creating the future.



# UKRAINIAN DUAL-USE TECHNOLOGY CLUSTER





# ≡ UADUT

The Ukrainian Dual-Use Technology Cluster (UADUT) is an association of various stakeholders for the creation and development of defense technologies and their further transfer to the civilian sector.

## OUR MISSION:

Strengthen national security through advanced defense technologies and, in the future, transform innovations for civilian applications, contributing to technological development and economic prosperity.

Formation of a sustainable identification in the international environment as a valley of Ukrainian technologies.



**DENYS SVIATOKUM**

Chairman of the Board of UADUT



# ≡ What is a Cluster?

## **A DYNAMIC ECOSYSTEM**

The cluster covers the entire spectrum of the innovation chain, from idea development to production and distribution of finished products.

## **OPTIMIZATION OF INTERACTION CHAINS**

The cluster improves production chains by promoting innovative growth and international cooperation.

## **CONSOLIDATION OF RESOURCES**

The cluster combines resources and information, maximizing their efficient use.

## **COOPERATION OF PARTICIPANTS**

The cluster promotes cooperation between participants at all levels, providing shared access to knowledge, resources and markets, which helps to implement innovative projects and expand opportunities.



≡ **SERGIY OPRIA**  
Chairman of the Supervisory  
Board of UADUT





# ≡ Areas of activity

## **1 STRATEGY AND CHAIN DEVELOPMENT:**

Consolidation of sector participants to ensure effective cluster interaction and cooperation.

## **2 INVESTMENTS, FINANCING, SALES:**

Facilitate fundraising to expand the Cluster's activities and support innovative projects of its members, including through international grants and investments. Promoting sales.

## **3 CREATING CONDITIONS FOR INNOVATION AND DEVELOPMENT:**

Launching and supporting platform solutions for defense and dual-use innovations; accelerating and incubating technological solutions and projects.

## **4 COOPERATION WITH SCIENTIFIC COMMUNITIES AND EDUCATIONAL INITIATIVES:**

Development and support of R&D centers, development and implementation of educational projects to train qualified engineers and managers in accordance with the needs of the industry.

## **5 INTERNATIONAL COOPERATION:**

Developing international partnerships and agreements for cooperation, organizing joint ventures, sharing technologies and expanding markets.

## **6 ORGANIZATION OF EVENTS:**

Organizing events that promote best practices, exchange of experience, dating and networking, creation of new projects, and formation of opportunities.



# ≡ Organizational structure



**ANNA KOVALOVA**  
Executive Director of UADUT



# ≡ UADUT Committees

COMMITTEES - consolidation around expertise in specific areas:

## HUMAN RESOURCES, PHYSICAL AND REPUTATIONAL SECURITY COMMITTEE

The Cluster's Human Resources, Physical and Reputational Security Committee consolidates experts and develops policies in the areas of human resources audit and training, development of physical security systems and reputation management strategies, maintaining qualified employees, protecting production facilities, and ensuring and optimizing reputational risks.

These initiatives contribute to the strategic development of Cluster member companies and their international cooperation.

## MISSILE COMMITTEE

The Rocket Committee is an association of private companies, experts, and initiatives in the rocketry industry. The leader and Chairman of the Committee is Roman Marchan, Chief Designer of Dnipro Aerospace. Dnipro Aerospace (DAS) is a private Ukrainian company of New Space, which provides a full cycle of development of liquid rocket engines and launch vehicles. We use a combination of well-known space technologies and scientific heritage, modern production methods, and best business practices. The long-term goal of SAS is to develop and produce Ukrainian commercial launch vehicles.

## 3D PRINTING COMMITTEE

The 3D Printing Committee was created to consolidate the efforts of experts in the field of additive technologies to develop the industry in Ukraine. The main mission of the committee is to create a register of available equipment in Ukraine, improve the quality of production and the efficiency of technology use for all participants in the defense and civilian sectors.

- DEVELOPMENT OF A UNIFIED TRAINING METHODOLOGY;
- CREATING A DATABASE OF PRINTERS AND EQUIPMENT;
- DEVELOPMENT OF EXPERTISE.

## COMMITTEE ON ARTIFICIAL INTELLIGENCE

The Cluster's Artificial Intelligence Committee promotes the integration of advanced AI technologies into the defense and dual-use sectors that improve analytical capabilities and process automation.

The Committee focuses on the development of data analytics applications, simulation of virtual training environments, and creation of autonomous defense systems, which significantly increases the efficiency of mission execution and strategic mobility of Cluster members.

# ≡ UADUT protoclusters

PROTOCLUSTERS - class, thematic associations in the dual technology sector:

**UAV**

**GROUND  
ROBOTIC  
COMPLEXES**

**MARINE ROBOTIC  
COMPLEXES**

**COMPONENTS FOR UAVS  
AND OTHER ROBOTIC  
SYSTEMS**

**MINE ACTION**

**TRAINING OF UAV  
OPERATORS AND ROBOTIC  
SYSTEM OPERATORS**

**VR TECHNOLOGY**



# ≡ UADUT working groups

WORKING GROUPS – units with specific services and amenities for Cluster members:

## DUT EXPO

Organizing exhibitions and joint stands, representing the interests of participants at various events and activities, both collectively and individually.

## GRANT OFFICE

Support in finding and attracting grants.

## DUT INVEST CLUB

Promoting investments in Cluster members' projects and Cluster assets.

## DUT TRADE HUB

Promoting trade and expanding markets for Cluster products.

## DUT NEWS

Cluster information resource system.





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# Cluster Projects



# ≡ Project “Nation of Engineers” (NANIT ROBOT & UADUT)

## **PROJECT DESCRIPTION:**

The Nation of Engineers project is aimed at expanding technical knowledge and practical skills in the field of robotics. This initiative provides a deep understanding of the principles of complex mechanisms and develops skills in assembling and programming robots.

## **TARGET AREAS OF EDUCATION:**

- General education
- Out-of-school education
- Vocational education

## **PROJECT APPLICATION:**

The project includes designers and educational programs that allow for the implementation of specialized courses to train unmanned aerial vehicle operators and engineers in mechanical engineering and transportation. The project is also recommended by the Ministry of Education and Science of Ukraine for use in the educational process.

## **THE ROLE OF THE CLUSTER**

- Development and adaptation of educational programs for different levels of education.
- Support and promotion of the project among educational institutions.

## **EXPECTED RESULTS:**

“The Nation of Engineers” aims not only to improve the skills of future engineers, but also to open up new opportunities for the development of innovative technologies in Ukraine, contributing to technological breakthroughs and economic recovery.



# ≡ Project “VirtualSB” VIRTUAL SECURITY OFFICER

## PROJECT DESCRIPTION:

VirtualSB is a revolutionary online security service that uses artificial intelligence to screen employees, personnel, and business partners. This service changes traditional approaches to personnel security by offering greater accuracy and speed in making important decisions.

## FEATURES OF VirtualSB:

- **Innovative tool:** It uses advanced artificial intelligence algorithms to analyze data, which ensures a high level of trust and security.
- **Virtual Safety Booster:** Enhances security by automating checks and optimizing the selection and audit processes.
- **Minimizing risks:** Helps companies avoid potential risks associated with new and existing employees, as well as external partners.

## THE ROLE OF THE CLUSTER:

- Using VirtualSB to verify candidate members and Cluster partners.
- Supporting and promoting the project to protect and optimize companies’ business processes.



# ≡ Project “Milzo” GLOBAL DEFENSE ECOSYSTEM PLATFORM

## PROJECT DESCRIPTION:

Milzo.net is a leading platform for process automation, CRM, security and communications management in defense projects. It is an innovative tool that provides comprehensive solutions to increase efficiency and security in the defense sector.

## FEATURES OF Milzo.net:

- **Catalog:** Get access to a library of all available products, solutions from industry players, and market trends.
- **CRM:** Optimize project and deal management with an intuitive CRM system.
- **Teams:** Form working groups with partners, customers, suppliers, and service providers for each project.
- **Calendar of events:** Keep up to date with important conferences and meetings in the defense sector. Organize meetings with partners.
- **Opportunities:** Stay up to date with new requests and offers. Monitor tenders and trade opportunities.
- **Analytics:** Make business decisions based on market tactics and their analysis.

## BENEFITS FOR CUSTOMERS:

- Milzo.net allows companies to ensure a high level of organization and efficiency in project and communications management.
- The tool provides access to up-to-date data and analytics, which facilitates informed decision-making and strategic planning.

## SPECIAL OFFER:

The ClusterUA promo code provides a 100% discount on the use of the platform for the first 6 months for Ukrainian market participants.



# ≡ Project “Fusor” CROWDFUNDING PLATFORM FOR STARTUPS

## PROJECT DESCRIPTION:

Fusor is an innovative crowdfunding platform created to overcome financial barriers faced by Ukrainian defense technology startups. These startups are developing innovations that have been tested in combat conditions, but often face difficulties in securing financing and overcoming complex legal procedures.

## KEY TASKS AND FEATURES OF FUSOR:

- **Connecting startups and investors:** Fusor helps defense technology startups that have reached TRL-7 and above find private investors through crowdfunding.
- **Due diligence and legal support:** The platform provides thorough due diligence and a solid legal structure to facilitate the investment process and investment agreements.
- **Deal room:** Fusor provides a specialized meeting place where startups can present their projects to investors, which promotes transparency and mutual understanding.

## BENEFITS FOR PROJECT PARTICIPANTS:

- **Access to capital:** Startups receive the necessary funding to further develop and commercialize their innovations.
- **Professional support:** Investors have the opportunity to invest in proven and promising technologies with full legal support and transparency of transactions.

## TARGET AUDIENCE:

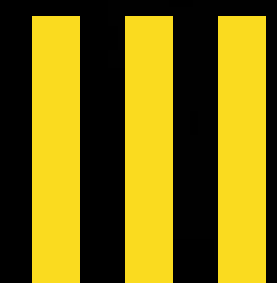
- Defense start-ups developing advanced technologies and needing funding to commercialize them.
- Private investors interested in investing in the defense sector with potentially high dividends.





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CLUSTER

Core  
team



INVESTMAN  
EXPO



АЛЕКСАНДР ЧЕРНОБРОВКІН  
Співзасновник  
UkrSmartTech



# ≡ Team

Core Team Public Association «Ukrainian Dual-Use Technology Cluster»



## **DENYS SVIATOKUM** **Chairman of the Board of UADUT**

Serial entrepreneur, MBA, BizDev, integrator of Grow Up strategies.

- Chairman of the Board of the Ukrainian Dual-Use Technology Cluster
- Chairman of the Investment Committee of the InvestHub business club
- Ambassador of the international community of Ukrainian entrepreneurs
- Board Co-founder of the Defense Alliance of Ukraine
- Commercial Director of the private defense research and production enterprise InterProInvest



## **SERGIY OPRIA** **Chairman of the Supervisory Board of UADUT**

Visionary, strategist, anti-crisis specialist, manager, mentor.

Investor, serial entrepreneur, innovator.

- Co-founder and coordinator of the all-Ukrainian public initiative «Defense Circle»
- President of the Ukrainian Network of Business Angels and Investors
- President of the International Visionary Institute for Strategic Partnership



# ≡ Team

Core Team Public Association «Ukrainian Dual-Use Technology Cluster»



## **ANNA KOVALOVA** **Executive Director of UADUT**

Business integrator: brand management, marketing, communications and strategic consulting (PR, GR).

- Co-founder of the women's business community Lady Boss Club
- Co-founder of the information agency Defence Media Center



## **VITALIY ZAYTSEV** **UADUT Board Member, Head of the Nation of Engineers project**

Scientist, entrepreneur, engineer with a degree in aircraft construction.

- Doctor of Technical Sciences in the field of aircraft design, production and testing
- Professor of the Department of Aircraft Manufacturing Technology
- Co-founder of the Public Union «Kharkiv Cluster «Engineering - Automation - Mechanical Engineering»
- Co-founder and Chairman of the Board of the Public Union «Scientific Cluster «Science Parks of Ukraine»



# ≡ Team

Core Team Public Association «Ukrainian Dual-Use Technology Cluster»



## **MYKHAYLO ROMANOV**

**Member of the UADUT Board, Deputy Head of the UADUT Investment Committee**

Business integrator: brand management, marketing, communications and strategic consulting (PR, GR).

- Chairman of the Supervisory Board of the Ukrainian Network of Business Angels and Investors UNBAI
- Managing partner of the investment company Suzirya Invest





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# **Introduction to the Ukrainian Dual-Use Technology Cluster**





# ≡ The value of joining the Cluster

Value for Cluster participants:

## COOPERATION AND DEVELOPMENT

≡ Active participation in joint projects, access to the latest developments.

## SUPPORT

≡ Consultations, assistance in resolving individual requests: GR, financing, personnel issues, etc.

## MARKET OPPORTUNITIES

≡ Assistance in entering new markets, joint participation in international programs, thematic events and exhibitions.

The UADUT Cluster is already laying the groundwork for future technology transfer to the civilian sector, expanding its application beyond the defense industry.

It focuses on stimulating cooperation between participants to support innovation, optimize supply chains, share knowledge and experience, and commercialize developments.



# ≡ Mechanics of joining the Cluster

The process of joining the Ukrainian Dual Technology Cluster:

1

## **REQUEST FOR ADMISSION:**

Submit a request through the Cluster team and/or fill out the online form on the website.

:

2

## **SECURITY CHECK:**

Processing information from the questionnaire and checking it through an innovative online security service for compliance with security standards.

:

3

## **ENTRANCE FEES:**

Invoicing and payment of entrance and membership fees.

:

4

## **DIAGNOSTIC SESSION:**

Conducting a short diagnostic session with experts to identify the needs and qualifications of the participant, and formulating a strategy for integration into the Cluster.

:

5

## **INTEGRATION AND SUPPORT:**

- Access to the Cluster's internal resources, joining committees and working groups;
- Regular updates and communication with the Cluster team.





# ≡ Entry fees for Cluster participants

To ensure the stable development and support of the Ukrainian Dual Technology Cluster, the following types of membership fees have been established:

- **One-time entrance fee:** UAH 5,000 for new members.
- **The first half of 2025 is free for all members.**
- **Subsequent annual membership fee:** 25,000 UAH (payable after the first half of the year).

Differentiated approach to membership fees:

- **Startups and teams:** Possibility of payment against future fundraising, cooperation, or contracting. This allows young projects to integrate more easily into the community and develop their technologies with less financial pressure.
- **Strategic partners of the Cluster:** Financial contributions from partners are used to develop the Cluster and implement its key initiatives.

Your participation and support play a crucial role in building a sustainable and innovative technology environment in Ukraine.



# ≡ Partners and alliances

UADUT Cluster is:

- a member of the all-Ukrainian security initiative “Defense Circle”;
- a full member of the Ukrainian Cluster Alliance, an active participant in the Resource Center in the direction of Dual-use Technology and Defence;
- one of the leaders of the international program Clusters4Defense, initiated by the Ukrainian Cluster Alliance.



UKRAINIAN  
CLUSTER  
ALLIANCE



DUAL-USE  
TECHNOLOGIES  
RESOURCE  
CENTRE  
at Ukrainian Cluster Alliance

**IM**  
INVESTMAN

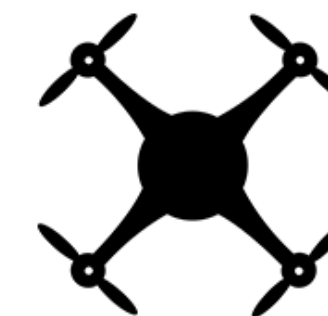


**MILZO**

 METAVERSE-UA



**VARZ**



**UKR-TEC**





# We invite you to cooperate!

UADUT Cluster - Assistance in the effective use of innovations and technologies for security, defense and channeling their potential for peaceful development and technological progress.



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LO  
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C  
N