



UAVs for Asymmetrical Warfare

Our Company

- Created in 2014, in response to the Russian invasion of Crimea, Donbas, and Lugansk
- 10 years of real-world battlefield experience
- 10 years manufacturing and tuning UAV models and strike drones
- 10 years experience forming relationships with military leadership, combat troops, and Ukrainian procurement system
- 24/7 working on creating an army of drones for the victory of Ukraine
- We are focused on the design, development and production of battlefield drones in the 22nd century



Our Team



Валерій Боровик

засновник

President of "New Energy of Ukraine", a consortium of companies providing solutions in the space and defense industry



Захар Терещенко

директор

Chief Operating Officer. Proven leader building teams, developing and executing strategies to meet customer demands



Денис Кукса

керівник виробництва

Electrical, mechanical engineer, pilot, holder of records in the National Energy Register of Ukraine

Віктор Плут

керівник ІТ департаменту

15 years of experience in WEB development and creation of highly loaded CRM systems. WHAT DOES HE BRING to the Team???



Our Mission

Develop UAVs for the 22nd century battlefield meeting the current and projected needs to defeat Russia while minimizing Ukrainian combat losses.

Our Goal

Reducing the number of military conflicts in a humane way with the preservation of human lives

Strengthening the defense potential due to innovative technologies and high-precision weapons

Reduction of the duration of the active phase of combat clashes due to smart weapons of the new generation

Our values

- Human lives;
- Care of the external environment;
- The central role of the consumer;
- Orientation on results, achievement of goals;
- Teamwork, interaction and partnership;
- Positive humanitarian and social environment;
- Honesty, decency, professional ethics;
- Reliability and responsibility.

Our products

Drones of the military period

- To win the development of functions,
- Inspect combat positions,
- Accompany military cargo,
- Take the enemy in full,
- Attack live enemy positions and military equipment

Drones of the postwar period

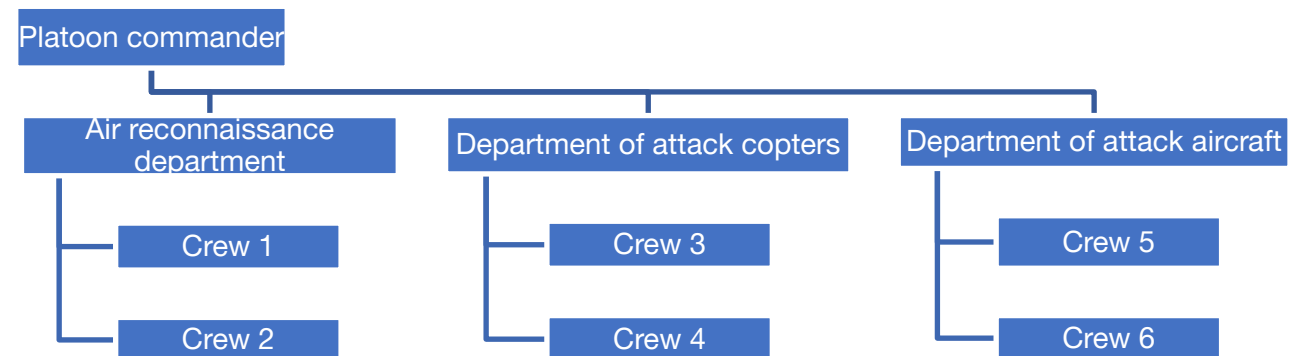
- Win the function of change,
- Conduct monitoring of poshkogenih objects of the energy infrastructure
- Zdiysnyuyut the sound of the wounded and the beaten,

Inspection of the UAV market

Class	Category	<u>Level of military operations</u>	Height of application	Range of application	Level of application	Example of a platform	Price thousand \$
Class III (> 600 кг)	<u>Ударні</u>	Strategical	до 20 000 м	необмежений	<u>ТВД</u>	<u>Reaper</u>	10 000
	HALE	Strategical	до 20 000 м	необмежений	<u>ТВД</u>	<u>Global Hawk</u>	140 000
	MALE	Operational	до 14 000 м	необмежений	<u>Tactical team</u>	Heron <u>Bayraktar TB2</u>	50 000
Class II (150—600 кг)	Тактичні	Tactical	до 5500 м	до 200 км	<u>Crew</u>	Hermes 450	2 000
Class I (<150 кг)	Малі (>15 кг)	tactical team	до 1500 м	до 50 км	<u>Battalion</u>	<u>Scan Eagle</u> <u>PD-2</u>	500
	Міні (<15 кг)	tactical unit	до 5000 м	25-40 км	<u>Platoon, Detachment</u>	Skylark I	150
WHAT WE PRODUCE	ударні міні	tactical	до 2000 м	до 40 км	<u>Company, Battalion</u>	Litagan / Відсіч	10
	ударні міні	tactical unit	до 1000 м	до 10 км	<u>Platoon, Detachment</u>	OCA	6

The volume of the UAV market of Ukraine...I don't think this slide does anything

As of 2023, the optimal personnel structure of a platoon of reconnaissance-strike UAVs as part of units of a higher organizational level (company, battalion) looks as follows:



Calculation of the need for tactical kamikaze UAVs depending on the intensity of hostilities

Quantitative characteristic	The intensity of hostilities		
	low	medium	high
Flight days per month per crew	15	15	15
Flew out on the day of the crew	2	8	20
The need for UAVs for the crew per month	30	120	300
Aircrews in a platoon of the RU BpLA	4	4	4
The need for a platoon per month	120	480	1 200

The volume of the UAV market of Ukraine

Talking about battalions and their needs isn't important. You can't say how many battalions there are and how they grow and shrink...this is just noise to an investor in my opinion. The only important thing on this page is the projection of 220,000

To ensure the effective operation of RU UAV platoons under the conditions of high-intensity hostilities per month, it is necessary:

As part of a special company (battalion):

- up to 1,200 kamikaze UAVs per month
- up to 12 reconnaissance-strike UAVs per month

The team includes:

- up to 5,000 kamikaze UAVs per month
- up to 60 reconnaissance-strike UAVs per month

According to open mass media and official statements of the leadership of the Ministry of Defense, for the current year the need is 200,000 drones

«We have already purchased more than 3,000 UAV complexes. We are planning a total of 200,000 drones this year. The task of our fighters is to destroy the enemy and liberate the native land, and the mission of the drone army is to do everything to provide the defenders with the necessary drones as much as possible» stressed the Head of the State Service for Special Communications and Information Protection of Ukraine, Yuriy Shchygol

Our contracts

Executed contracts

During 2014-2016, the company fulfilled orders for 100 Yatagan unmanned aerial vehicles at \$6,000 a unit. The volume of the order was \$600,000.

Our goal is 10% market share of national needs.

Current Ukrainian State contracts allow for up to 25% profit to vendors and contractors.

<https://zakon.rada.ua>

The average price of a UAV for MO (what is MO?) is €5,000, the cost of the product is €4,000, and the profit is €1,000.

If 20,000 units are sold, the profit is 20 million euros

OSA high-flying UAV

Directions for use:

Performing intelligence tasks;

Support of assault actions;

Impact drone with reset;

Kamikaze drone.

Flight range without using GS (ground station):

with warheads up to 1.5 kg up to 10 km;

with warheads up to 3 kg up to 3 km.

Speed – 100+ km/h.



UAV "Yatagan"

YATAGAN belongs to the micro UAV class. This is an alternative solution for autonomous small "barrage munitions", which is cheaper than analogues and allows operations to be carried out in a wider radius (up to 15 km).

The flight range is up to 15 km.

Speed up to 120 km/h.

Payload weight, up to 1.2 kg.

Battery capacity allows up to 30 minutes flight time

The type of start is manual, catapult.

Deployment speed, 5 min.



UAV «Vidsich»

The unmanned aerial complex "Vitsich" is designed for search, detection, target identification and delivery of target equipment

Flight range up to 30 km;

Speed up to 120 km/h.

Payload weight, up to 3 kg.

The duration of the flight is up to 50 minutes.

Catapult launch type

Deployment speed up to 15 min.



UAV "Haidamaka"

The "Haidamaka" UAV is a tactical, strike, aircraft-type device, which according to STANAG 4670 is classified as "Class 1 small"

Flight range up to 40 km;

Speed up to 130 km/h.

Payload weight, up to 2.5 kg.

The duration of the flight is up to 40 minutes.

Catapult launch type.

Deployment speed up to 20 min.





UAV

The "Haidamaka" UAV is a tactical, strike, aircraft-type device, which according to STANAG 4670 is classified as "Class 1 small"

Flight range up to 40 km;

Speed up to 100 km/h.

Payload weight, up to 2 kg.

The duration of the flight is up to 30 minutes.

Catapult launch type, manual.

Deployment speed up to 10 min.



Our guarantees

- Our company has a documented need from the State for the production of drones by the end of the current year.



a joint project of the Ministry of Defense, the Ministry of Digital, the General Staff of the Armed Forces, the State Special Communications and UNITED24.

- We also have verbal agreements and interest in drones from other European countries





Our resources

Our production facilities can independently manufacture more than 40% of parts.

The remaining 60% are sourced from other manufacturers. Lead time is up to 2 months.

With funding to create full-fledged propeller smelting shops, the creation and assembly of engines, frames, mounts, modules and receivers, we can reduce the amount of dependence on manufacturers, which will enable the autonomous production of conveyor-type drones in independent conditions up to 200 units per day

Our needs

- Creation of full-fledged workshops for the production of propellers, frames, fasteners;
- Production line for the assembly of engines, modules and receivers;
- Purchase of equipment and raw materials;
- Creation of a product control system;
- Adjustment of work and business processes;
- Execution of the Strategic Marketing Plan, which will allow our joint company to reach the international level.

Our common future

Our cases are an example of the experience and effectiveness of our products. This will allow to compete with international companies

Reducing the cost price due to in-house production allows you to have room for pricing

Our analytics

According to publicly available analytics, demand has been systematically increasing over the past five years, which is a reflection of stable demand. Keywords Drone, UAV, show annual growth

● дрон, БПЛА, квадрокоптер

Поисковый запрос

Украина ▼ Последние 5 лет ▼ Все категории ▼ Веб-поиск ▼

Динамика популярности ?

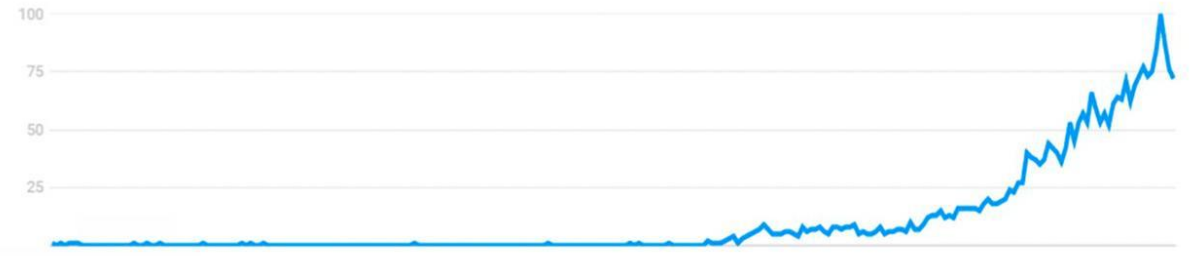


● Дрон для агро, агродрон орошение

Поисковый запрос

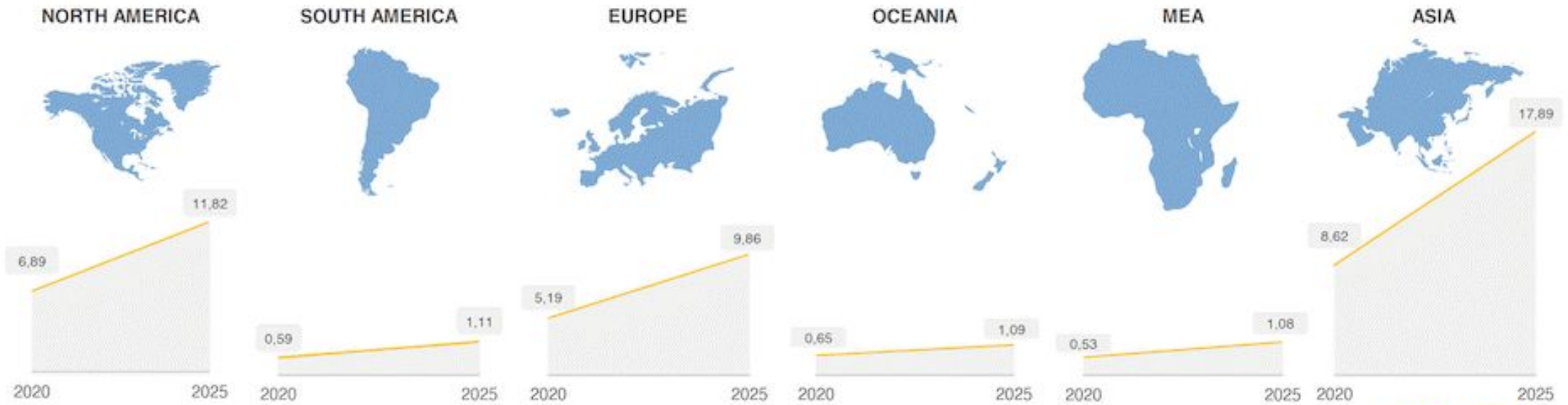
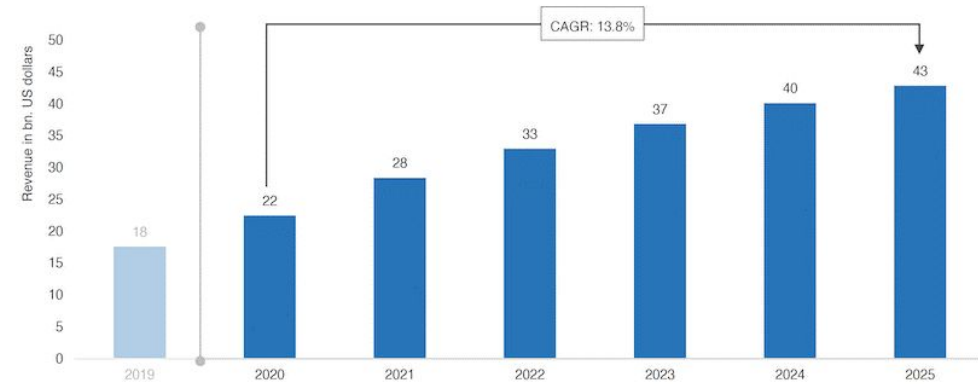
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Динамика популярности ?

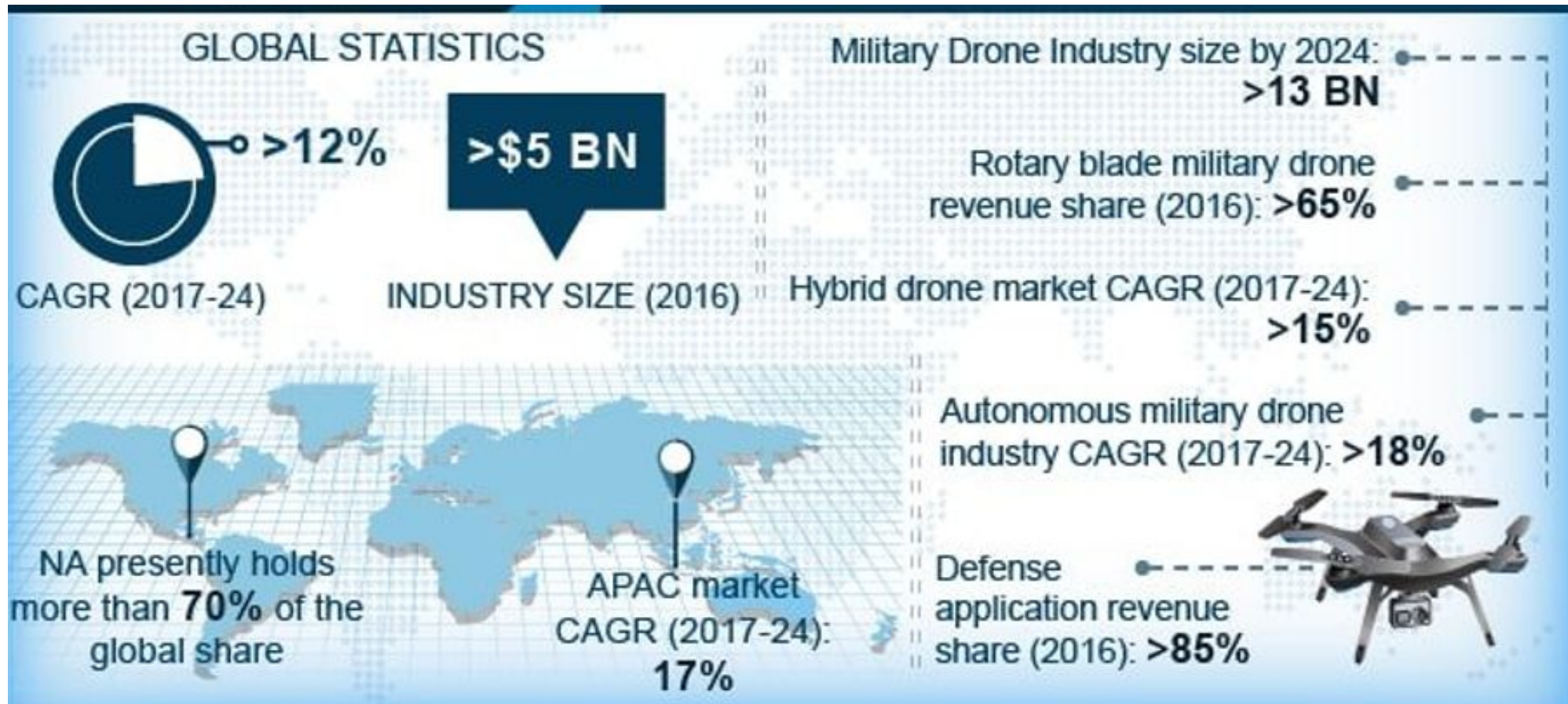


Our analytics

DRONE MARKET SIZE AND FORECAST 2020-2025



Our analytics



The situation in the world

After analyzing World Politics and countries with a critical state, having a level of B1 or B2, prone to military conflicts, or already in a state of military conflicts A1 A2, we have the following list of potential customers for an inquiry about military drones

The arsenal of the European Union is at zero, requests for increased purchases are inevitable



Note: The boundaries used in this map do not imply any endorsement or acceptance by SIPRI.

List of military conflicts



- › [Azerbaijan-Armenian border crisis \(2021 — 2023\)](#)
- › [American-Iranian conflict \(since 2019\)](#)
- › [Battle for Khartoum \(2023\)](#)
- › [Blockade of Nagorno-Karabakh \(since 2022\)](#)
- › [Russia's invasion of Ukraine \(since 2022\)](#)
- › [Turkey's Invasion of Iraq \(2022\)](#)
- › [Civil war in Myanmar](#)
- › [The incident with the American drone over the Black Sea](#)
- › [Conflict in South Kordofan \(since 2011\)](#)

- › [Attack on Karachi Police Station \(2023\)](#)
- › [Assault on Es Sukhne \(2023\)](#)
- › [Operation "Claw-Sword"](#)
- › [Operation "Shield and Arrow"](#)
- › [Protests in Brazil \(2023\)](#)
- › [Protests in Iran \(since 2022\)](#)
- › [Protests in Moldova \(since 2022\)](#)
- › [Serbian-Kosovo crisis \(2022\)](#)
- › [Clashes in Sudan \(2023\)](#)

Development

In order to increase the reach and sphere of influence, we consider the following activities to connect franchisees, dealers, exporters, partners, etc.



IDEX 2025

17.02.2025 - 21.02.2025
ОАЕ, Абу-Дабі



IWA OutdoorClassics 2024

29.02.2024 - 03.03.2024
Нюрнберг, Германія,



KADEX 2023

07.06.2023 - 10.06.2023
Астана, Казахстан



MSPO 2023

05.09.2023 - 08.09.2023
Кельце, Польша



IDEF 2023

25.07.2023 - 28.07.2023
Стамбул, Турция,



EuroCIS 2024

27.02.2024 - 29.02.2024
Дюссельдорф,
Германія



Intersec 2024

16.01.2024 - 18.01.2024
Дубай, ОАЕ



Eurosatory 2024

17.06.2024 - 21.06.2024
Париж, Франція

Risks

- Destruction of our production by a direct missile hit

For security purposes, we cannot declassify the location of production facilities, but we can note that the distribution of drone collection points is not only in Ukraine, but also in Europe.

- Conscription of personnel for military service (mobilization)

The company's employees are not subject to mobilization, as those carrying out a defense order for the State.

- Ways to minimize risks

Our company has been working in the military drone manufacturing sector since 2014. We did not stop work for a single day, despite the tight schedule of shelling from the aggressor country

Investment proposal

Development of BpAK with a swarm function based on the "OSA" BpLA

- Creation of full-fledged workshops for the production of propellers, frames, mounts, organization of an assembly line for engines, modules and receivers;
- Purchase of equipment and raw materials;
- Development of complex software;
- Creation of a product control system, adjustment of work and business processes;
- Conducting a campaign according to the Strategic Marketing Plan, which will allow our joint company to reach the international level;
- The total amount of investment is 3,112,000 euros

Detailed description in the file "Appendix 1"



We offer

- Transparent conditions for the use and expediency of funds
- Passing quarterly audits
- Providing development plans for 5 or 10 years with a strategy to promote the brand and increase loyalty to the company
- Potential to franchise, or expand with partner branches in order to increase sustainable dynamics and growth



thank you for your attention

Our website

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