

ST1

High-tech solution that saves human lives, made in Ukraine

Контактна інформація

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Галузь

Mil-tech
Robotics

Етап розвитку

Pre-seed

Рік заснування

2020

Кількість працівників

3

Необхідний обсяг фінансування

\$270K

Використання інвестицій

70% - engineering
20% - hardware
10% - office & supplies

Поточна місячна динаміка витрат

\$5K

Поточний місячний дохід

\$0

Поточні борги

\$0

Інвестори

Dmytro Titov, founder - 100%

ГОЛОВНА ІДЕЯ

Automate landmine detection process using drones to speed up the process and avoid personnel casualties.

ПРОБЛЕМАТИКА/МОЖЛИВОСТІ

- Ukraine is the most mine polluted country in the world
- It will require about 10 years to fully clean the territories
- Estimated cost of full demining is \$900B
- Huge threat to farming (470K ha polluted; cost: ~\$30K / ha)

РІШЕННЯ/ПРОДУКТ

ST1 drone can automate the process which will result in x4 times faster and cheaper processing. It will also significantly reduce personnel casualties as it will only require 1 drone operator where 4 engineers were previously needed.

БІЗНЕС МОДЕЛЬ/ДОХІД

B2G product sales to the government and B2B sales to commercial demining operators (currently 7 entities in Ukraine). Strong export potential.

КОНКУРЕНТИ ТА ПЕРЕВАГИ

Конкуренти

Переваги

SPEHD	Processing speed, support all terrain types
Draganfly	Price, ease of use, precision
MagDrone R3	Price, ease of use, precision

ДОРОЖНЯ КАРТА

Status: working prototype, initial field tests and feedback.

Next goal: finalize MVP, start manufacturing

ІНВЕСТИЦІЇ

Monthly engineering budget required: \$42K

Estimate to get to MVP manufacturing: 8 months

Required funding: \$270K

Currently raising!

КОМАНДА/ДОСВІД

Dmytro Titov, CEO

Computer Vision, AI

Directed engineering of SkyBox, acquired by Adobe Systems

Heorhii Shakula, CTO

Signal Processing, GPGPU

Worked for NVIDIA, AMD

Andriy Nych, Senior R&D Engineer

Physics, math

PhD in Physics

