



# PERCEETECH GROUP

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# WE PROVIDE

## PARTNERS AND PROPRIETARY SOLUTIONS

- Drone operators
- Counter drone technology
- Autopilot systems
- Ground Control stations
- Mission planning
- Drone based technology for:
- Monitoring
- Surveillance
- Data analyses
- Inspection

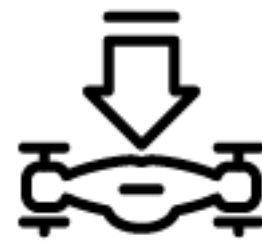
## CONSULTING AND PROCESSES SUPPORT

- Drone Technology
- Drone Development
- Drone Certification (EASA, FAA, FATA, TC)
- Drone technology utilization
- Documentation
- Own test airfield in EU
- Partners' test airfields in EU
- HQ located in London (UK)
- R&D HQ located in Los Angeles

## OWN R&D HUB



- Light Drone (1 kg payload)
  - Heavy Lift Drone (Helicopter type) with changeable payloads is under development (payload up to 200kg)
- 
- Custom Development and Modernization of other UAV models



**AUTOPILOTS**



**DRONE TRACKING**



**NAVIGATION SYSTEMS**



**COUNTER DRONE TECHNOLOGY**



**SURVEILLANCE DRONES**



**DELIVERY DRONES**



**INSPECTION DRONES**

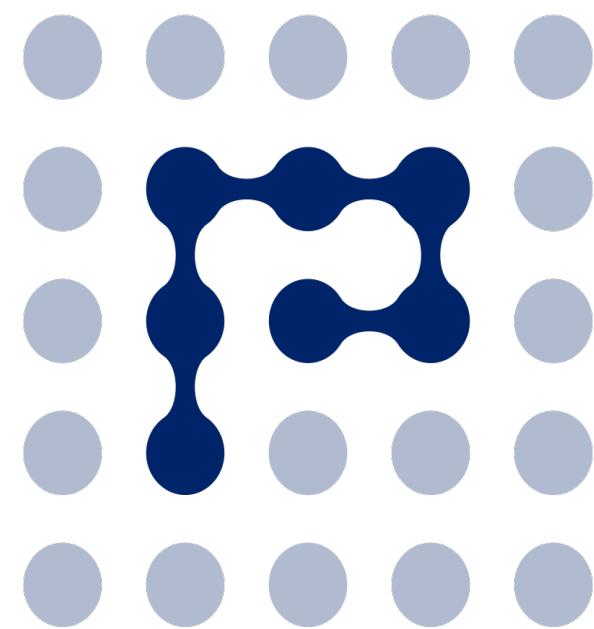


**DRONE OPERATORS**



# WE ARE PERCEETECH

*Opportunities don't  
happen.  
You create them*



# PERCEETECH

When establishing **PERCEETECH**, we anticipated utilizing the collective experience our team had accumulated throughout the implementation of large IT projects early in our careers. This included expertise in crafting business and technological strategies.

Recognized within high-tech companies and the UAV area, our goal was to address our clients' challenges by leveraging robotic technologies within real-world business contexts.

However, we soon came to realize that the market did not always offer suitable tools for the tasks our clients faced.

**As a result, it was a logical decision to create such a tool ourselves**



# R&D TEAM

01 Projects: 4 +



Each team member worked in different UAV projects worldwide.

03 Leaders: 5



Team leaders in each critical UAV sphere: Design, Avionics, GNC, Engine, Certification.

02 Years: 15 +



Aerospace engineers with extensive aviation engineering experience.

04 Patents: 20 +



Authors and co-authors of aviation and UAV patents.



# COMPANY MILESTONES

09/2020

Creation of the company:

The company's head office was opened in London, UK

12/2020

First contract signed for more than \$300k in the South Korean market.

03/2021

R&D:

The company's R&D office was established in Los Angeles, California, USA.



5/2021

## SKYRINO

Market research before starting the new R&D project.



7/2021

## SKYRINO H1-600

Project has started.

*Skyrino*



02/2022

### PARTNERS and “PAPER” STAGE

The partners have signed all the necessary documents to kickstart the project. Moving from planning to action, entering the “paper” stage.



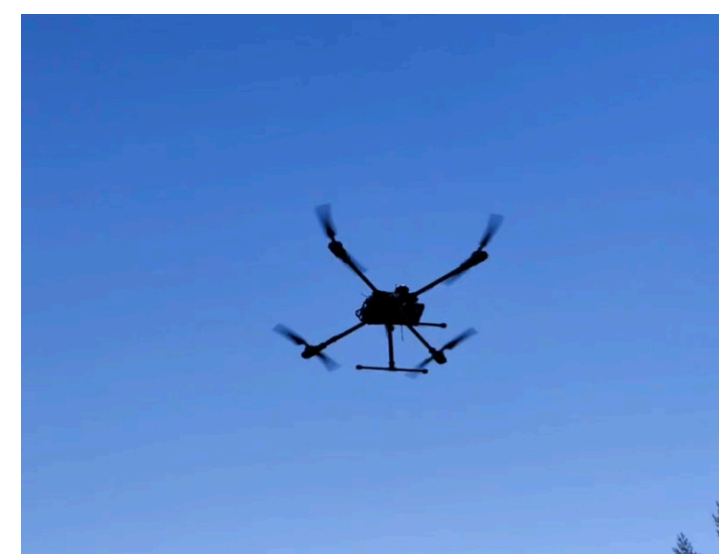
11/2022

### ROBEX 2022 (International Robot Industry Expo)

SKYRINO and SKYRINO-C presentation in South Korea



#### SKYRINO-C (already completed)



- 3.5 KG MTOW
- 1 KG PAYLOAD
- 15 M/S max wind
- 75 KM/H speed

720x670x250mm

Up to 1.5h of flight time with our own payload by using unique autopilot software and electric consumption software optimization profile.

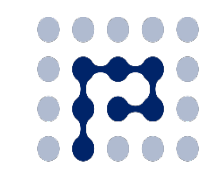
06/2023

Establishing a project holder company in collaboration with strategic partners from UAE - **SKYRINO**



11/2023

“TEST” STAGE SKYRINO H1-600. WORLD PREMIERE ON DUBAI AIRSHOW 2023



WE CREATE  
SOLUTIONS,  
NOT DRONES.



# SKYRINO

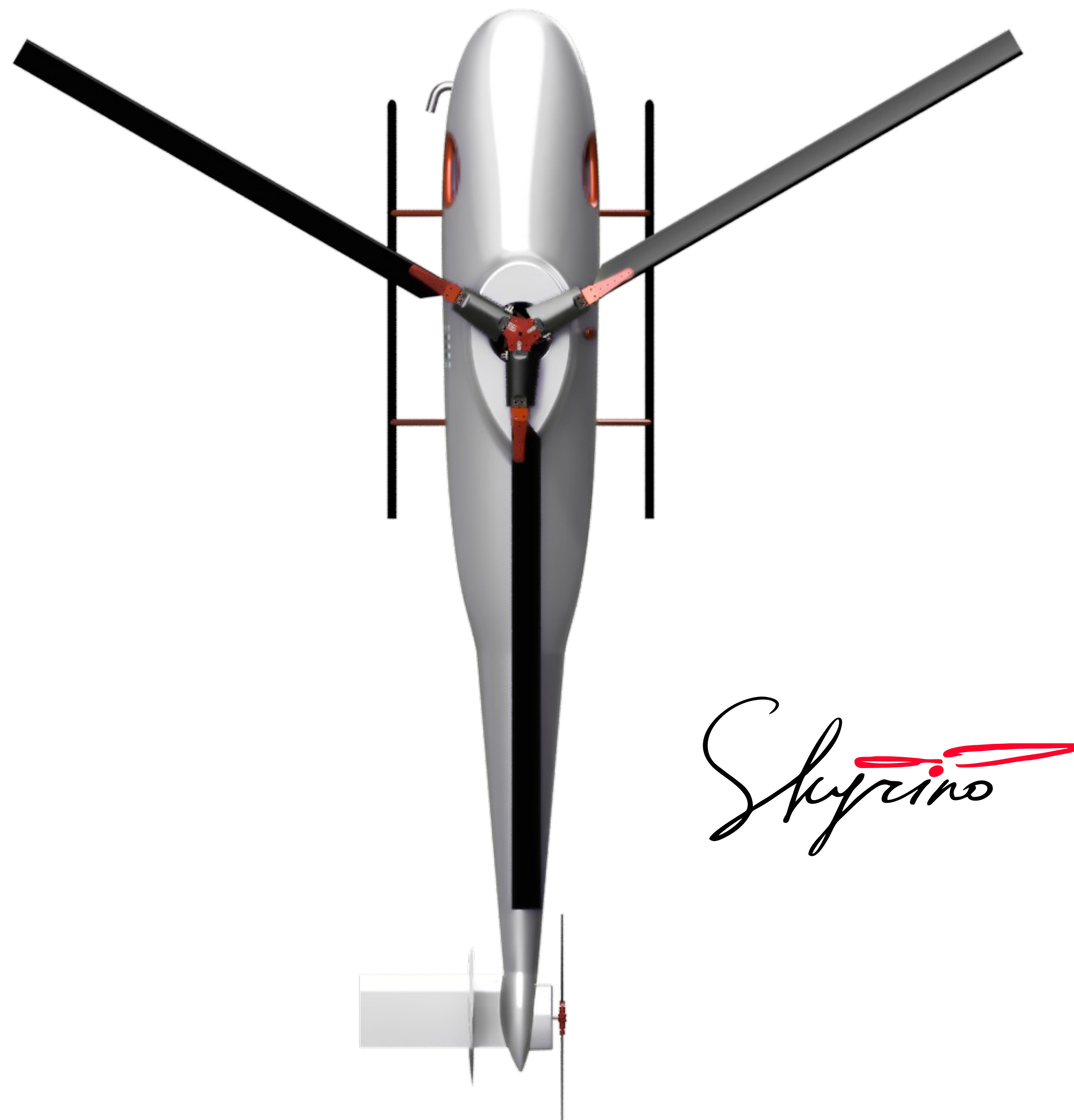
## PERCEETECH SKYRINO H1-600



Our task is to solve the problem of “last mile” delivery, working under harsh conditions, meeting the requirement of high response rate and minimizing human risk.

We understand the importance of versatility and reliability for our client. Our philosophy is not to create another unmanned aerial vehicle, but to solve many problems of an existing business using new robotic solutions.

The business task is the most important, we only create a solution tool.



# TARGET SECTORS ~ USE CASES

## ENERGY

- Inspections of chimney
- Refineries
- Powerlines
- Transmission towers
- Pipelines
- Flare stacks
- PV plants
- Boilers

etc.

## AGRICULTURE

- Soil quality
- Crops health
- Optimizing fertilization
- Forest health
- Weed growth
- Disease identification
- Spraying plant protection products

etc.

## OIL AND GAS

- Volumetric surveys
- Gas detection
- Area mapping
- Water sampling
- Inspection of mines and off-shore platforms

etc.

## CONSTRUCTION

- Surveying of construction sites
- Topographic surveys
- Site management
- BIM

etc.

## TRANSPORTATION

- Bridge / airport / road / railway inspection
- Corridor mapping
- Drone delivery
- Warehouse inventory

etc.

## FUTURE USE CASES

- First and/or Last Mile logistics
- Helicopter replacement for cargo deliveries up to 200 kg
- Special operations, currently performed only by Helicopters or Humans
- Border patrol / Surveillance

etc.

