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PRESS RELEASE

Financial support for a digital revolution in drone services

- **The rapid development of the drone market in Poland is a fact. An innovative development project worth over PLN 61 million is starting,**
- **The beneficiary of co-financing is the Polish Air Navigation Services Agency (PANSa), a European leader in air space management,**
- **EU support and funding will have a great and widespread positive effect on safety of flights performed by unmanned aerial vehicles (UAV).**

Digitally, massively, safely - in three words you can sum up the project of three state institutions worth almost PLN 61.5 million. This is another step on the road to the digital revolution in drone flight services. The funds in 85 percent come from the EU subsidy.

The leader of the project "Digital services for unmanned aerial vehicles" is Polish Air Navigation Services Agency, the creator of the concept of the PansaUTM* system - the first operationally implemented system in Europe to coordinate unmanned aerial vehicle operations.

The project implemented as part of the Digital Poland Operational Program (POPC) involves the mass provision of digital services to any interested entity that allows for efficient and safe drone flights. The effect of the project implementation is the development of digital and ICT solutions for the industry, including the improvement of the process of establishing and running this business.

A positive result of the project evaluation - submitted by PANSa in partnership with the Ministry of Infrastructure and the Polish Civil Aviation Administration means that these institutions will receive PLN 51 391 979.03 support from EU funds from the Digital Poland Projects Center.

- The implementation of modern solutions for the broadly defined drone market is, next to navigation activities, the most important area of PANSa's activities. The implementation of the project will bring benefits for the whole country and will facilitate the use and access to the Unmanned Aircraft market in Poland. It is a great success, and also a huge opportunity for PANSa, which places great emphasis on the development and wide availability of new technologies, including solutions for unmanned aviation - said Janusz Janiszewski, PANSa president.

The Agency will allocate the funds obtained under the project "Digital Services for Unmanned Aerial Vehicles" to further develop tools enabling the operation of advanced unmanned aircraft on a wide scale, optimization and digitization of processes necessary for the safe conduct of UAV flights, from registration, certification, issuing licensing and providing on-line training, as well as for solutions supporting the UAV risk analysis process

The direct recipient of the project is any entity that wants to operate in the unmanned operations segment, i.e. for both law enforcement services and private persons and business entities.



The project is an impulse for the development of digital and ICT solutions, it will allow the use of unmanned aviation to a greater extent than before, and will also improve the conduct of training and administrative processes. Public order services will also be able to benefit from extensive drone operators' assistance in the event of a crisis.

*- As part of the project, a high-level optimization of the process of servicing entities operating on the BSP market is planned along with the improvement of business activity conducted in this industry by implementing digital services for BSP operators, entrepreneurs and citizens. Thanks to the grant, we will be able to continue moving towards the implementation of modern solutions, contributing as an Agency to the development of the unmanned services sector in our country - adds **Filip Sosin**, U-Space Program Manager at PANSZA.*

Project "Digital Services for Unmanned Aerial Vehicles" implemented as part of the Digital Poland Operational Program (axis II E-administration and open office, action 2.1 High availability and quality of public e-services, recruitment number POPC.02.01.00-IP.01-00-013/19) will end in 2023.

*PansaUTM is a digitalized concept of coordination UAV flights and digital management of requests and approvals for flights in airspace. It includes proprietary PANSZA operational solutions and the system part, supplied by the technology partner Hawk-e, integrated with the DroneRadar application, which is the most popular among drone operators in Poland. PansaUTM is a unique system that is adapted to be operated by an airspace management entity responsible for the volumes of controlled airspace. The modular architecture of the PansaUTM system allows its full or partial implementation, in accordance with current and future requirements and needs of users, as well as adaptation due to language requirements and changing regulations (e.g. various national laws or common European regulations and U-space U1-U4 services supporting them). At the same time, the PansaUTM system is compatible with existing regulations on the protection of personal data (e.g. GDPR) and compatible with existing ATM solutions used by civil and military entities managing airspace and manned air traffic. As part of PANSZA, the PansaUTM system is integrated with the PANDORA system for displaying flight information and the CAT system for managing airspace structures in real time. The PansaUTM system also allows integration with other U-space service providers, e.g. local DTM systems through open APIs.

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PANSZA

Every day Polish Air Navigation Services Agency ensures safety of passengers in more than 2,500 flights over Poland. We have one of the biggest airspace in Europe: over 334,000 km². Almost a million overflights, approaches, take-offs and landings in 2019 were supervised by more than 580 air traffic controllers employed in Polish Air Navigation Services Agency, as well as almost 240,000 General Aviation flights under watch of the Flight Information Service (FIS).

Polish Air Navigation Services Agency is also the only institution in Poland training and employing civil air traffic controllers (so-called ATCOs). We also provide Flight Inspection Services for monitoring the proper operation of ground-based navigation aids from the air.

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