

SPADE EU PROJECT ANNOUNCES WINNERS OF INAUGURAL OPEN CALL

SPADE is pleased to announce the winners of its inaugural Open Call, marking a significant milestone in advancing drone technology for agriculture, forestry and livestock sectors. Following a rigorous selection process, four innovative projects have been awarded funding totalling 360,000 EUR.

In the of open-field agriculture case study, The National Technical University of Athens claimed the first place for this category with their project "Innovative Scalable Platform for AI Cloud Processing (ISLA-AI)." This platform seeks to streamline AI model execution and deployment via cloud infrastructure, enhancing processing capabilities in agricultural settings.

In forestry, VERTLINER secured funding for their project "Autonomous UAVs for Below-Canopy Mapping and Inventory (OLYMPIAN)." VERTLINER's project focuses on developing autonomous unmanned aerial vehicles (UAVs) tailored for mapping and inventorying pine forests, leveraging expertise in indoor and outdoor asset monitoring.

FORCERA, LDA succeeded in the livestock case study challenge with their project "Future Agriculture and Ranch Management through SENSing and Aerial Drone Imaging (FARMSENSE)." Evolving from FORCERA's SAFRA initiative, FARMSENSE integrates wearable sensors, AI inference, and UAV technology into the SPADE Cloud to enhance livestock management practices.

Finally in the Universal Challenge across all case studies, Robosurvey Ltd. captured attention with their project "Advanced Path Planning for UAV Swarms in Agriculture (APPA)." This initiative introduces optimized algorithms utilizing Bezier curves, Genetic Algorithms, and Fuzzy Logic for efficient and scalable path planning in agricultural settings.

The SPADE Project remains committed to advancing efficient and sustainable agricultural practices through the use of drone technology. We extend our sincere appreciation to all participants for their outstanding submissions. These projects are pivotal in transforming the landscape of drone usage across agriculture, forestry and livestock sectors.

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