360 DRONES

Greece

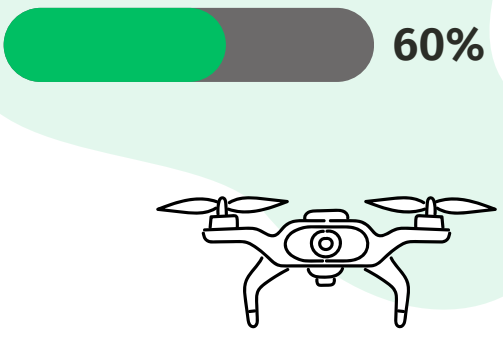
INFOGRAPHICS

DRONES360

Fostering innovation and Better skills match with the GREEN and DIGITAL sectors through the integration of emerging technologies (DRONES, VR, AR)in VET

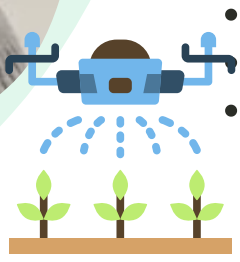
Introduction

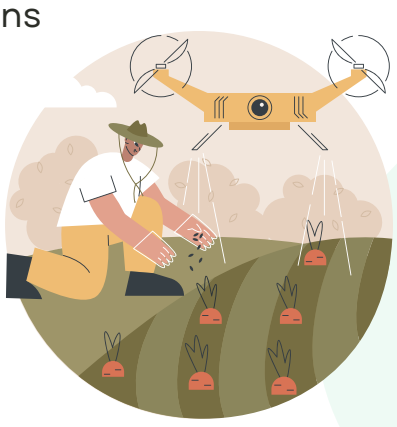
As part of the site visits in Greece, two key organizations were explored for their use of drone technology in the green sector. At GeoSense company the founder and Chief Technical Officer of the company shared insights on drone applications. At SenseLAB, the director of the lab, highlights how drone tech contribute to green development, real-world apps, and job creation through integration with VET.



Pioneering Drone Technology for Sustainability

- Air pollution monitoring
- Cargo delivery
- Asset inspection
- Drone tech, GIS, and satellite data
- Green develpment and agriculture
- Global collaborations and real-world applications





VET Programs & Job Opportunities in the Drone Sector

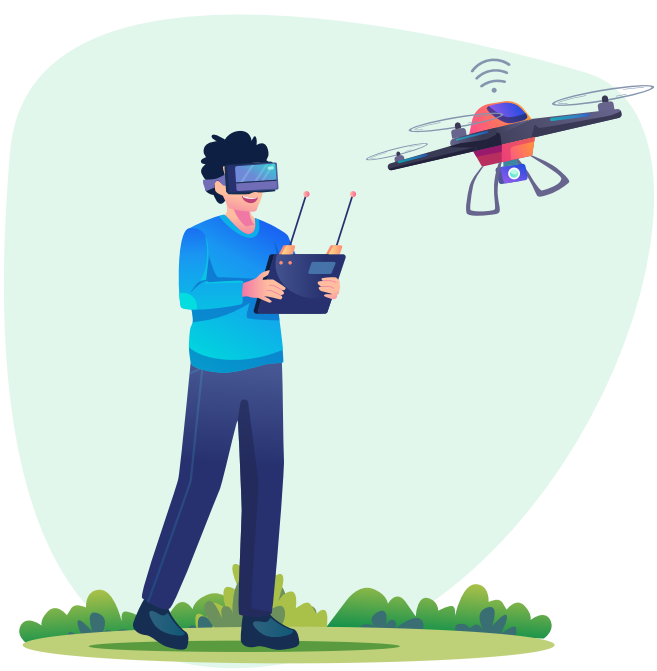
- Aerial Survey Technician
- Remote Pilot Operator
- Agricultural Drone Specialist
- Electrical and Mechanical Engineer
- Construction Manager
- Surveyors

Essential Skills for Success in the Drone Industry

- Autonomous Drone Operations
- Soft Skills
- Aviation Regulations
- Skills in AI
- Robotics
- Precision technology

Enhancing VET Institutions

- AR/VR
- Need for hands on training
- Soft skills modules
- Manufacturing
- Agriculture construction
- Communication to integrate drone-based solutions into various workflows



Looking Ahead: Exciting Drone Innovations

- Fully Autonomous Flight
- Natural Language Processing (NLP)
- Reforestation Drones
- Advanced environmental and disaster response
- High-precision mapping and monitoring
- Smart agriculutre and infrastructure surveillence

Co-funded by the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them. DRONES360 – fostering innovation and better skills match with the green and digital sectors through the integration of emerging technologies (drones, VR, AR) in VET. Project n°: 2024-1-PL01-KA220-VET-000247866.