360 DRONES

Country

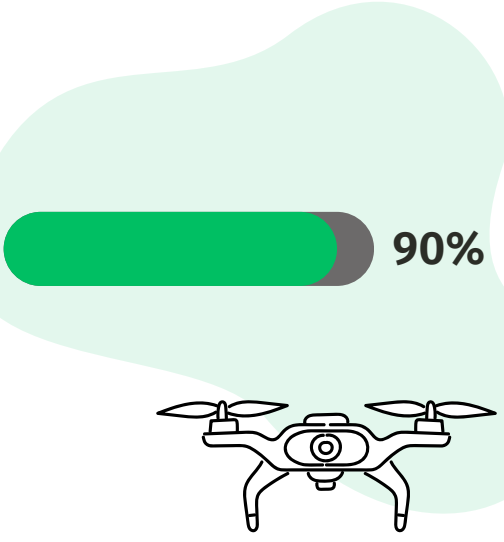
INFOGRAPHICS

DRONES360

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

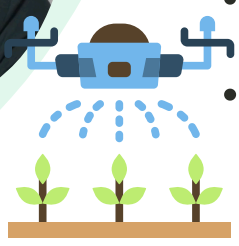
Introduction

In the case of Cyprus one environmental specialist and one VET Trainer were interviewed, along with the two companies that were contacted participated in the data collection.



Pioneering Drone Technology for Sustainability

- Reforestation and Biodiversity Conservation
- Wildlife Monitoring and Protection
- Agricultural Sustainability and Precision Farming
- Disaster Response and Recovery



VET Programs & Job Opportunities in the Drone Sector

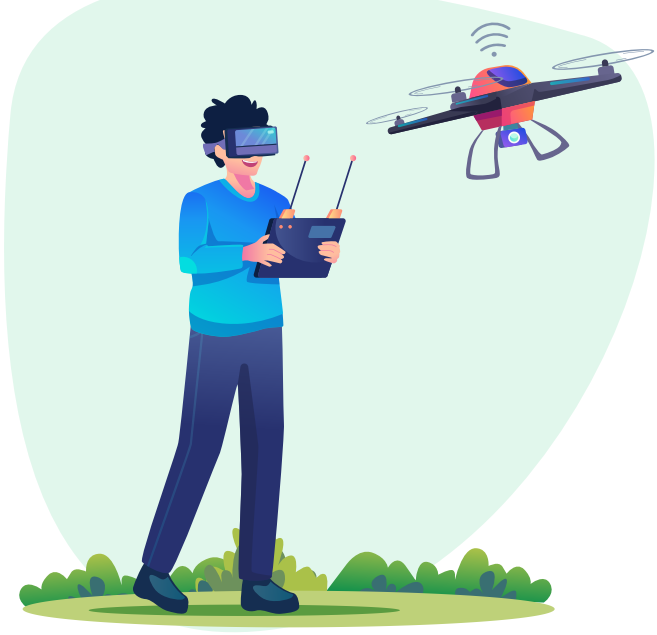
- Preparing students for green industry roles through drone training.
- Environmental Analysts
- Drone surveying and mapping

Essential Skills for Success in the Drone Industry

- Technical expertise: Knowledge of Drone Regulations, Emerging Technologies such as AI, GIS (Geographic Information Systems).
- Soft skills: Problem-solving, adaptability, Teamwork and Environmental Awareness

Enhancing VET Institutions

- Updating the current curricula and including cutting-edge technologies such as Drone piloting.
- Professional Development for Instructors
- Flexible Learning Paths
- Emphasize Soft Skills & Entrepreneurship



Looking Ahead: Exciting Drone Innovations

- AI and Machine Learning Integration
- Drone-Based Reforestation
- Energy Harvesting Drones
- Advanced Environmental Data Collection

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.