

## The ICAERUS Platform

The ICAERUS Platform is your one-stop web-platform for drone-related information. Explore the ICAERUS project results, including the Drone Data Landscape, Analytics Library, Value-added Service toolkit, and more!

### Explore the drone data landscape

Filter drone platforms by manufacturers, drone types, control systems and release year and payloads by type, manufacturer and release year. Nope, Browse drone-specific regulations from all over the world, review operation standards, and view manufacturers and service providers in the drone industry!

- Drone platforms >240
- 23 Regulations and standards
- Drone payload information >140

### Discover the drone data analytics library

Search for specific models or filter algorithms by use cases, 24 content categories, data types including RGB, multispectral images and point cloud. Datasets can also be filtered by use case or sensor type, location, presence of labelling.

- Access >300 drone data analytics models
- Browse >80 drone datasets
- Explore algorithms from the 5 ICAERUS Use Cases
- View models from 20 Open Call Trials



#### COORDINATOR



#### PARTNERS



#### GET IN TOUCH

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# The Platform



## Learn about the Impact Assessment

Access the results of the project's socio-economic and environmental impact assessment for each use case, which included a Life Cycle Assessment (LCA) and a Life Cycle Costing (LCC) and Technology adoption study.



ICAERUS Use Cases



ICAERUS Open Call Trials



## DID YOU KNOW?

Life Cycle thinking means taking into consideration all of the different phases in the life of a product or service when estimating their impacts.

## Build your business case with the Value-Added Services Toolkit

Build your business case for drone-based services using ICAERUS' Value-Added Services Toolkit. This practical set of tools helps innovators assess the feasibility, sustainability, and competitiveness of their ideas.

- Build a triple layer business model canvas using the Business Model Wizard
- Assess market competitiveness by calculating key economic indicators

This unique canvas goes beyond the economic layer to include environmental and societal considerations for a holistic approach to assessing your idea's value

## WHAT'S SO SPECIAL?



## Get to know the ICAERUS Use Cases

Explore ICAERUS' five Use Cases, demonstrating drones in agriculture, forestry, biodiversity monitoring, logistics, and livestock management. Access all of the details, including their:

- Scope of work
- Technical requirements and methodology
- Data collected and technologies used
- Key findings and results



## Find out more about the ICAERUS Open Call Trials

Browse project pages to see each trial's objectives, methods, demonstrations and results, including examples of drone uses such as AI-assisted gas-leak detection, precision irrigation, wildlife monitoring, crop-pest analytics, and rural delivery solutions. Specifically:

- Clear summaries of each trial's goals and setup
- Technologies and datasets used
- Demonstration insights and lessons learned
- Links to models and datasets shared through the platform

## Join the ICAERUS Academy

The ICAERUS Academy brings together both onsite learning tools and online training, helping users build practical skills and deepen their understanding of drone technologies and business development.

- ICAERUS online course, an 8-week, self-paced programme introducing the drone industry, business modelling, data and regulations, stakeholder mapping, and ecosystem dynamics. Designed for beginners and innovators alike, the course supports the development of new drone-based services.
- ICAERUS Demo Books: 5 interactive e-booklets featuring the highlights of on-site demonstration activities the ICAERUS Use Cases conducted, including real-time drone exhibitions!