



A Holistic Approach to Sustainable, Digital EU Agriculture, Forestry, Livestock and Rural Development based on Reconfigurable Aerial Enablers and Edge Artificial Intelligence-on-Demand Systems

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### ADVANCED SUPPORTING TECHNOLOGIES

Able to support diverse functionality and cover the requirements of different operational missions in **agriculture, livestock, forestry, and rural areas.**

#### Expandable and configurable UAVs

A highly novel UAV solution that is on demand and multi-purpose.

#### Three layered approach

Data from low altitude drones, high altitude fixed wing UAVs and satellites.

#### Universal support of aerial platform (UAVs, RPAs)

Through the implementation of the CHAMELEON App Store.

#### AI algorithms execution on board

Assisted by the on-board NVIDIA GPU delivering incredible AI performance.

#### Holistic agroforestry solution

Maximise the probability of potential problems identification across heterogenous sources and networks.

Start date  
**1st JULY 2022**

**Project Coordinator**  
Pantelis Velanas  
Accelignce Ltd.

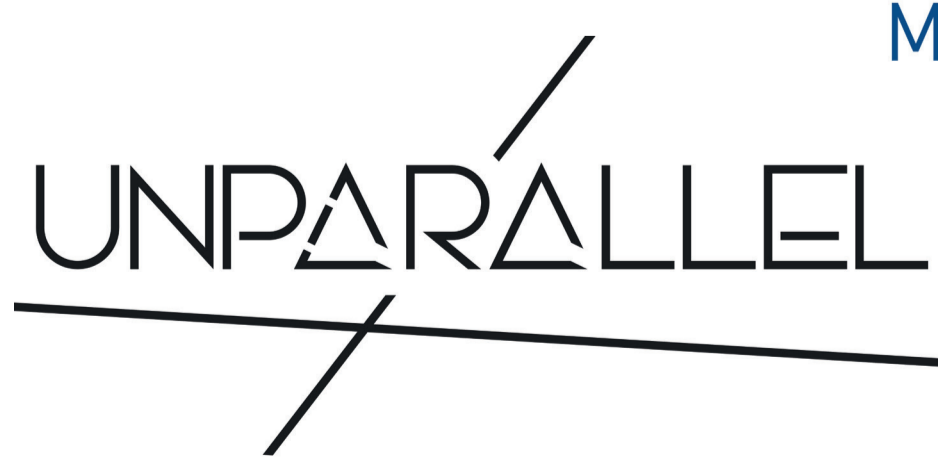
**Communication & Dissemination Manager**  
Diego Gonzalez Aguilera  
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**Duration: 36 months**  
**Total cost: € 5,949,747**

### Consortium



A I D E A S



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