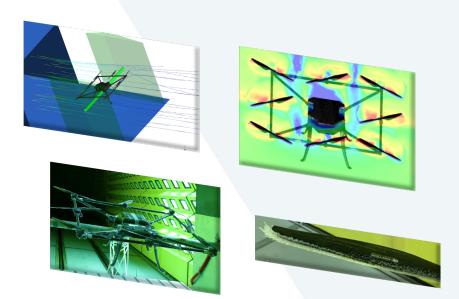






# R&D Project All-weather Drone



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## **Main Objectives**

Effects of Rain, Snow and In-Flight Icing on Operation with 25 kg
MTOW Multirotor UAS

Development of Detection Capabilities

Improvment of UAS Test Capabilities Development of IPS

Regulatory, Market and Industry related Aspects







#### **Consortium and Advisory Board**

































### **Work Packages**

WP1 Project Management WP2 Literature Review and Definition of Requirements

WP<sub>3</sub>
Development of Detection
Capabilities

Development of Ice Protection Systems

WP5
Development and
Improvement of UAS Test
Capabilities

WP6
Tests in Severe Weather
Conditions

WP7
Dissemination &
Exploitation

Two test slots (14 days in total)

- 1. UAS Propeller Testing by Q1 2023
- 2. Full-scale UAS with 25 kg MTOW by Q4 2023





#### **Exploitation and Dissemination**



Scientific Dissemination



Commercial Exploitation



Regulatory Recommendations



Validation Database







#### Contact

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