



# Project title: "DIGITAL SKY: The New Reality of Urban Air Mobility"

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Lead partner: Italsicurezza srl

Project partners: The Edge Company srl, Dottor Marc srl, Parco Scientifico e Tecnologico di VR srl.

The Digital Sky project "The New Urban Air Mobility" aims to revolutionize urban air mobility by developing an advanced system for preventing air collisions, particularly with birds (bird strikes), drones, and other obstacles through the BCMS system. The created prototype combines innovative technologies such as cameras integrated with artificial intelligence algorithms, blockchain to ensure safety and efficiency in urban air corridors, all integrated with an environmental monitoring system.

### System Components

The system consists of: Bosch cameras for optical detection, Input/Output modules for alarm management, A 4G router/modem for data connection

A server with Milestone software for processing and managing video streams

The prototype is integrated into a mobile trailer equipped with a telescopic pole, ensuring versatility and ease of movement of the system.

Financial Details: Eligible expenditure: € 586,791.50; Grant awarded: € 234,716.60



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**PIANO SVILUPPO E COESIONE VENETO - SEZIONE SPECIALE**

