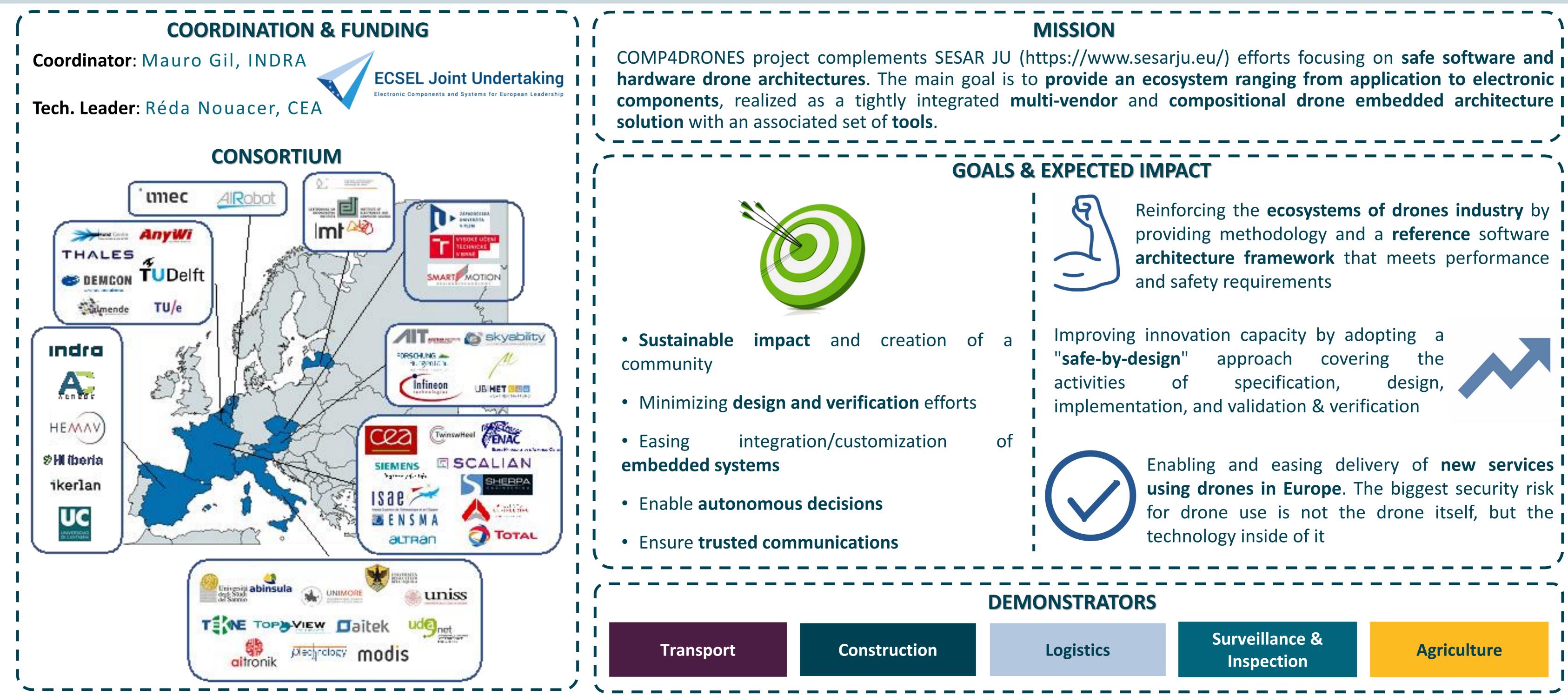


COMP4DRONES

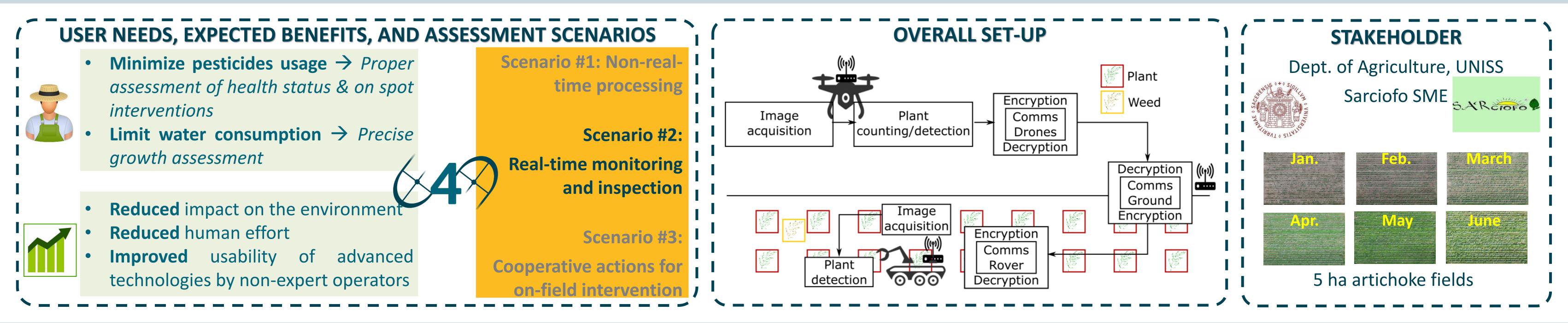
Framework of Key Enabling Technologies for Safe and Autonomous Drones **USE CASE 5 - DEMONSTRATOR 1**

Smart precision agriculture: from drone to rover

THE PROJECT IN A NUTSHELL



SMART AND PRECISION AGRICULTURE FROM DRONE TO ROVER



ON-GROUND AND ON-BOARD REAL TIME EDGE COMPUTING PROOF OF CONCEPT: INVOLVED TECHNOLOGIES



Mantide 900

Fight hexcopter 8,2 Kg + 2,5 Kg payload, approved for flight operations in critical scenarios. Video sensor resolution: FHD 1920x1080 25/30p, video format: MOV/MP4. Foto resolution: 16:9 1920x1080, format: JPEG.

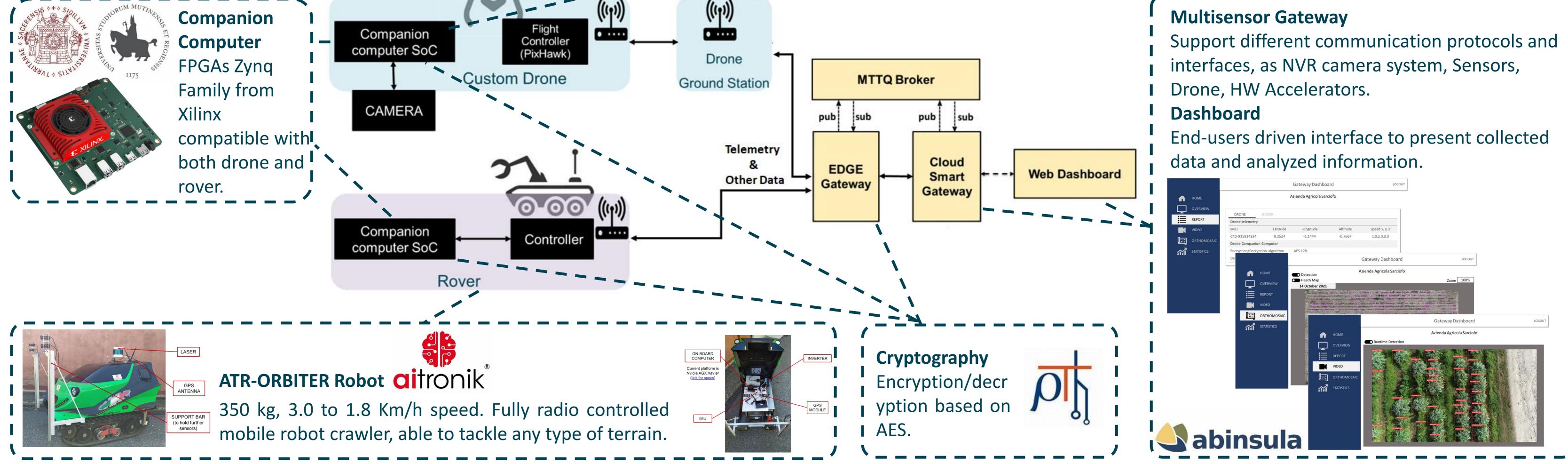


Single Shot Detector

Daitek

Detection of artichoke plants, and relative production rows. Usable in post-processing to carry-out multitemporal plants growth analysis, and in real-time to make on field analysis.





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