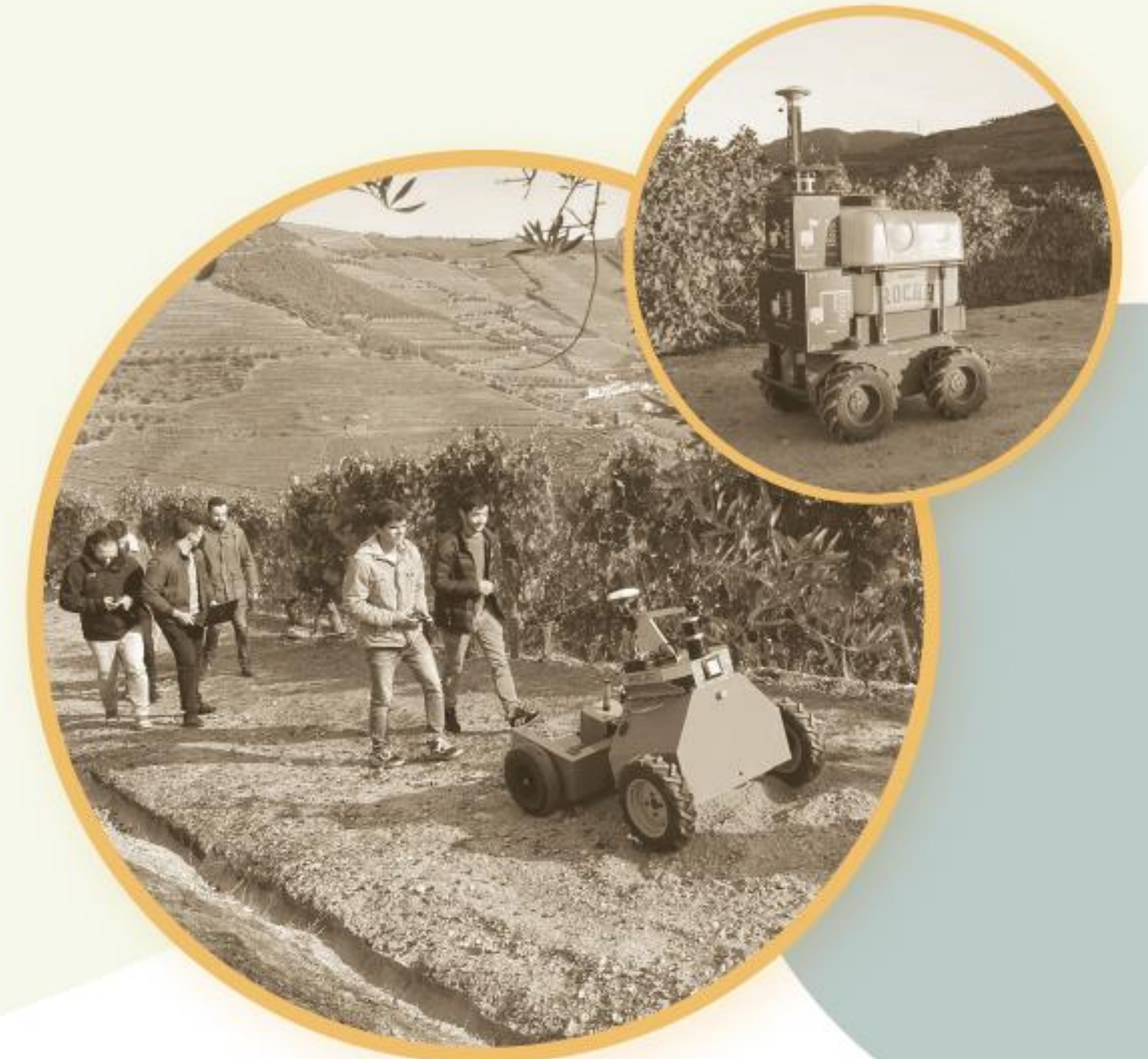


# SCORPION

Cost effective robots for smart precision spraying

Agriculture in rough terrain can be difficult for the mechanization: the steepness of some terrains, the soils nature, the lack of space to manoeuvre, the difficulties of communications due to natural obstacles and harsh atmospheric conditions associated, can negatively affect the use of the equipment in field.

SCORPION's objective is to develop a safe and autonomous precision spraying tool integrated into a modular unmanned tractor (robotics platform) to increase spraying efficiency, while reducing human and animal exposure to pesticides, water usage and labour costs, also promoting the use of UVC (ultraviolet rays) to contain fungal diseases.



## III Scorpion Open Day

15<sup>th</sup> June 2023, in the vineyards of the winery "Cave des Onze Communes" in Aymavilles (AO)



### Programme:

09:30 Open day: registration

10:00 The Scorpion project: Main objectives and vision

Filipe Santos, INESC TEC

Roberto Gaudio, CERVIM

10:20 Results & interactive/live demonstration with Weta robot in the vineyard

Filipe Santos, INESC TEC

Josep Vidal, TEYME

13:00-13:30 End of the open day, closing session

Filipe Santos, INESC TEC



[www.scorpion-h2020.eu](http://www.scorpion-h2020.eu)

 @scorpioneuproj1

 SCORPION EU Project

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