

# DECARBONISATION IN THE AIRPORT SECTOR



"The Evolutions of Clean Hydrogen"

29 October 2025  
Venezia Heritage Tower

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Group COO and Managing Director - SAVE S.p.A.



# THE FIRST FLIGHT OF AN HYDROGEN DRONE IN ITALY



**20.05.2024:** The flight, performed in Venice, has demonstrated the concrete possibilities represented by the use of hydrogen as a green fuel, making a further step forward in advanced air mobility and introducing a new dimension of urban mobility



# KEB: KEY ENERGY BUILDER



It uses electricity produced from renewable sources



It produces hydrogen at 350 bars through electrolysis process, in a single compact system



The water demand for production is about 10 litres of demineralised water per kg of H2 produced



The compression and storage system operates according to a thermodynamic cycle which allows the absorption and subsequent desorption of hydrogen for refuelling operations





REGIONE DEL VENETO



## PADOVA ADVANCED AIR MOBILITY



**Gifio Allegri Airport - P6dov6**



**S6fidbox Are6**

Thank you