



**Tactical INstrumental Deconfliction And In flight Resolution**



**A SESAR VERY LARGE-SCALE DEMONSTRATION**



The project has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreement N°101017677.

# THE RISE OF URBAN AIR MOBILITY



**A new form of mobility is emerging**



How to use it as an  
opportunity for cities,  
territories, citizens and  
businesses?



How to make it work?

 **U-space**

# **Main goal :** **The creation of a deconfliction service**

**How we test it :**  
**With a series of live  
demonstrations**

**TINDAIR**  
**VERY LARGE SCALE DEMONSTRATION**

## **Key Figures**

**2 year project - 2021-2022**  
**4 M€ budget**  
**11 partners**  
**4 demonstrations**

## **Related tasks :**

- **Research on emergency landing**
- **Safety and security assessment**
- **Human factors & social acceptance assessments**

# USE CASES

## Toulouse & Bordeaux regions

Prioritization of flights in case of medical emergency

Interaction between different kinds of vehicles, including eVTOLS with simulated passengers

Interaction with manned aviation

Emergency landing management







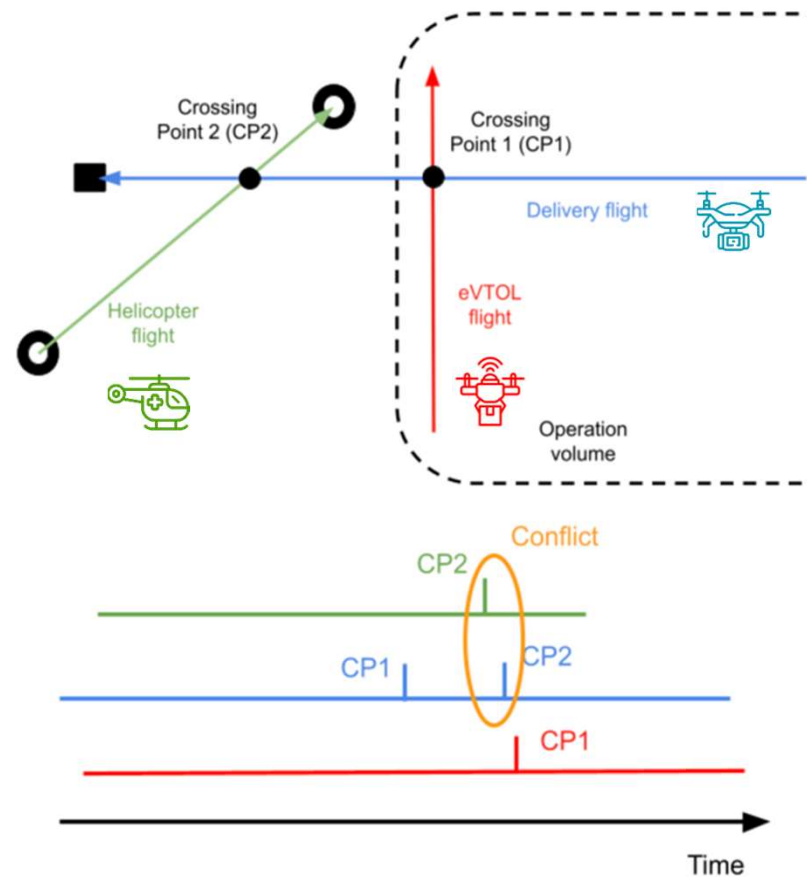
# SCENARIO PRESENTATION





# DEMONSTRATION EXERCISE

Trajectories before conflict resolution







Blaye Hospital

Flight 3

Flight 2

Blaye

CITÉ LA  
CAVE

Graulet

Plassac

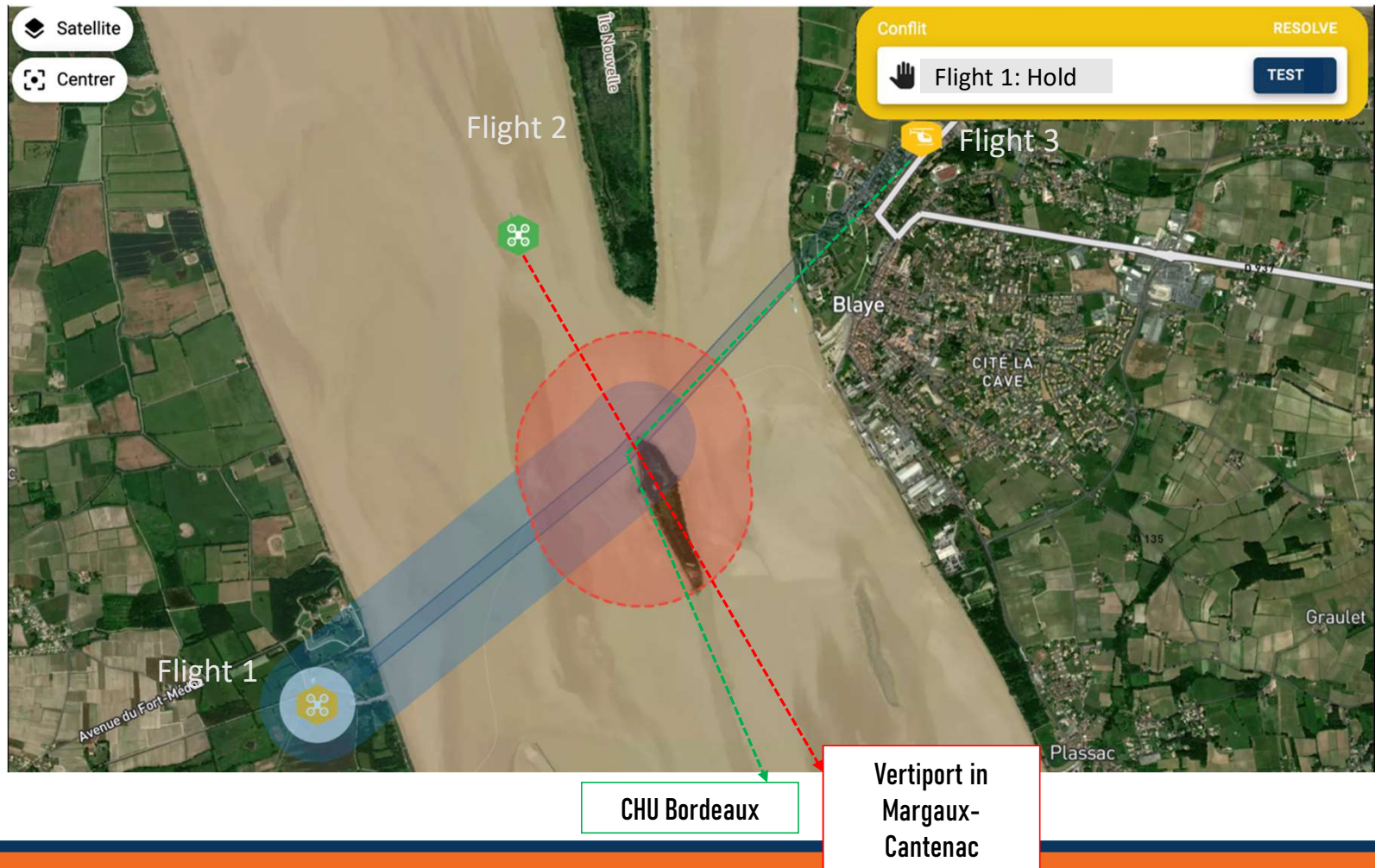
Flight 1

Avenue du Fort-Médoc

CHU Bordeaux

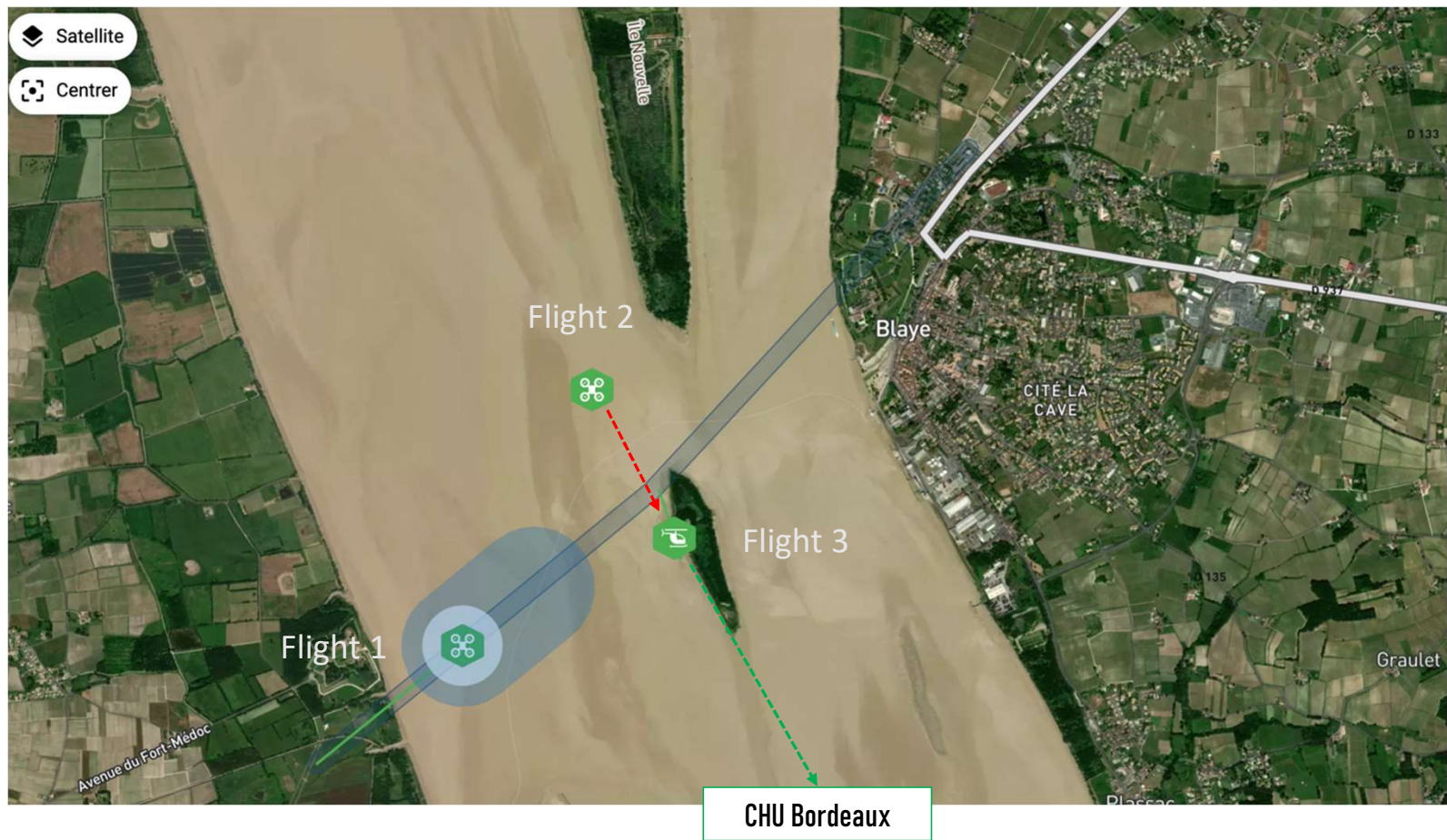
Vertiport in  
Margaux-  
Cantenac



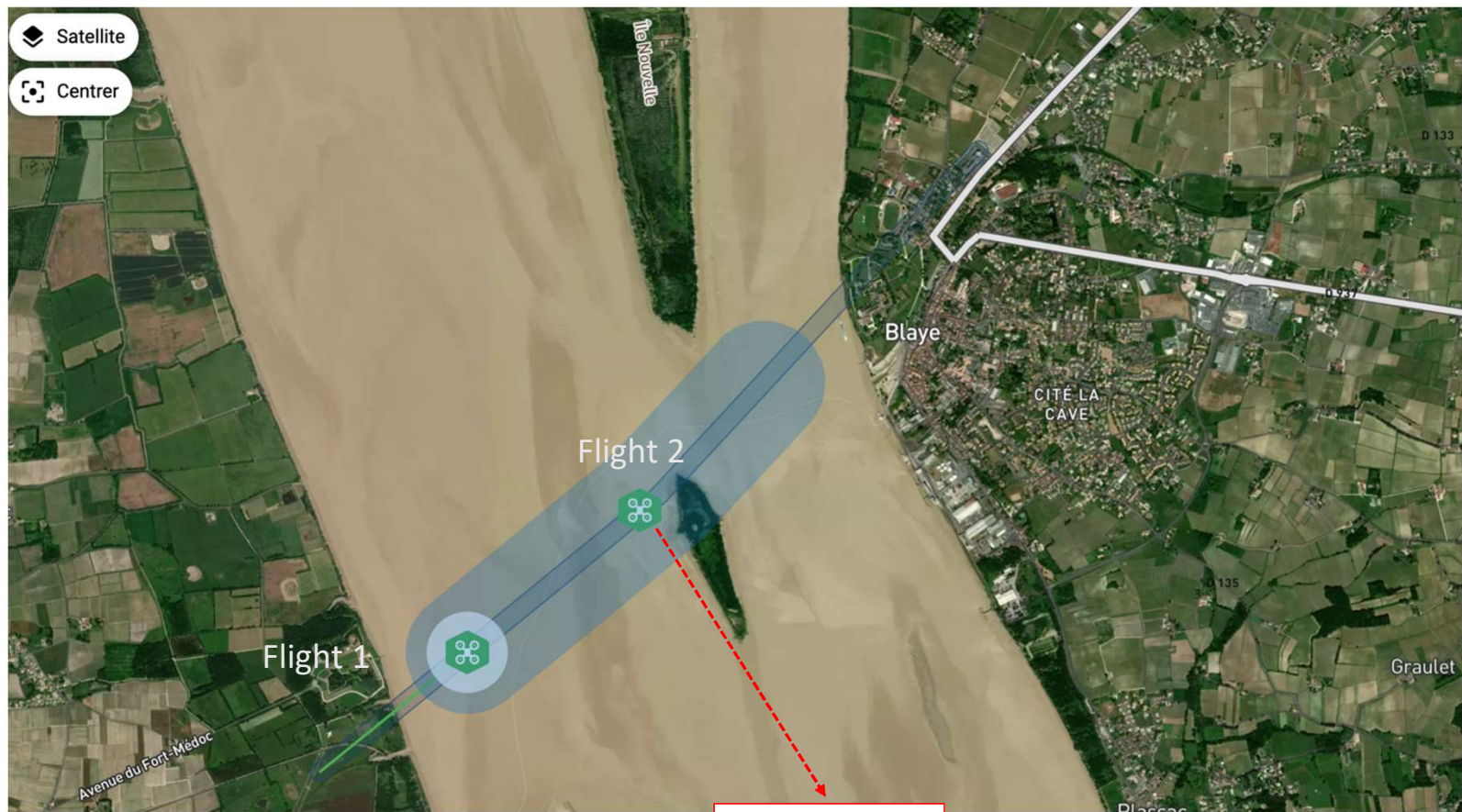










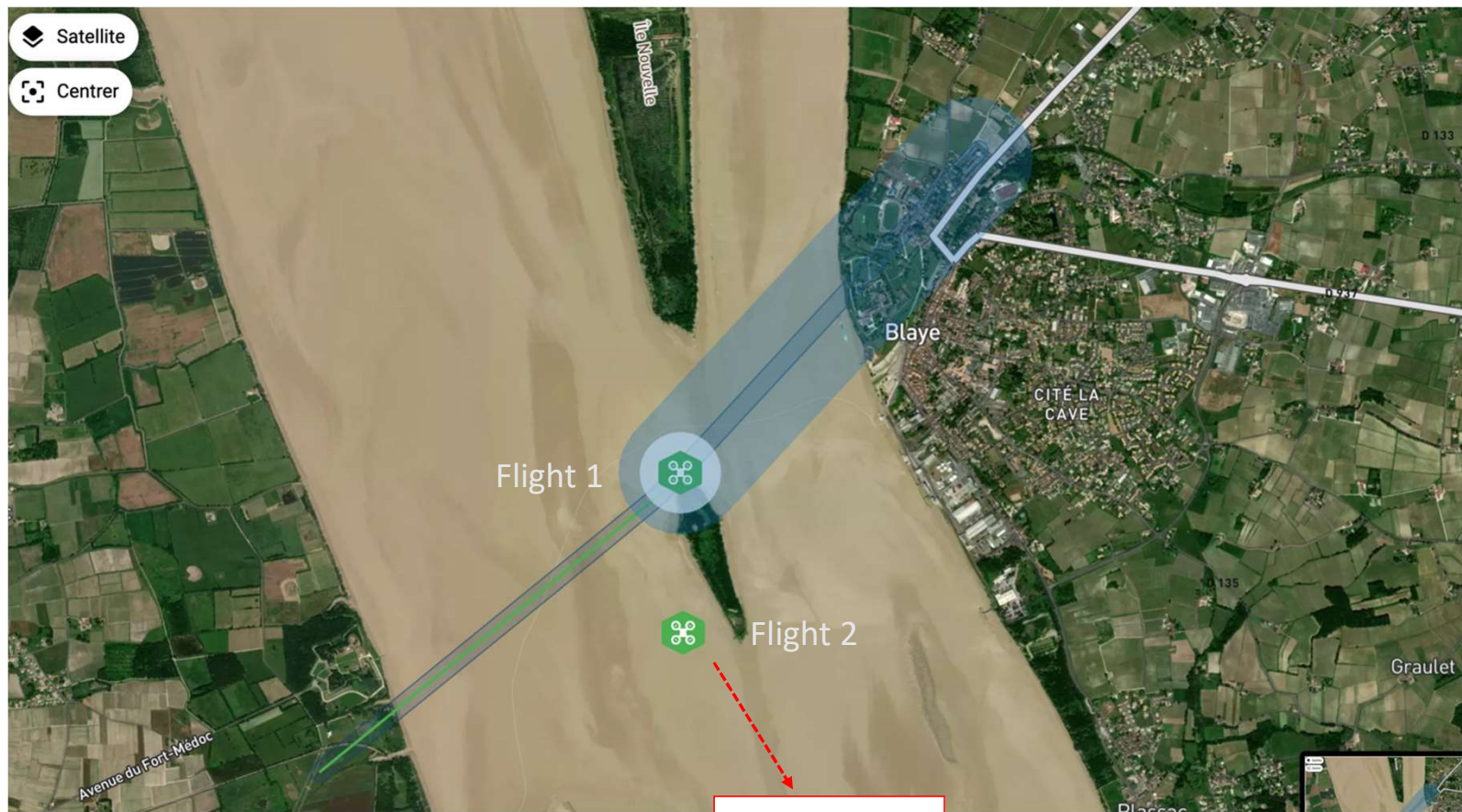


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Margaux-  
Cantenac



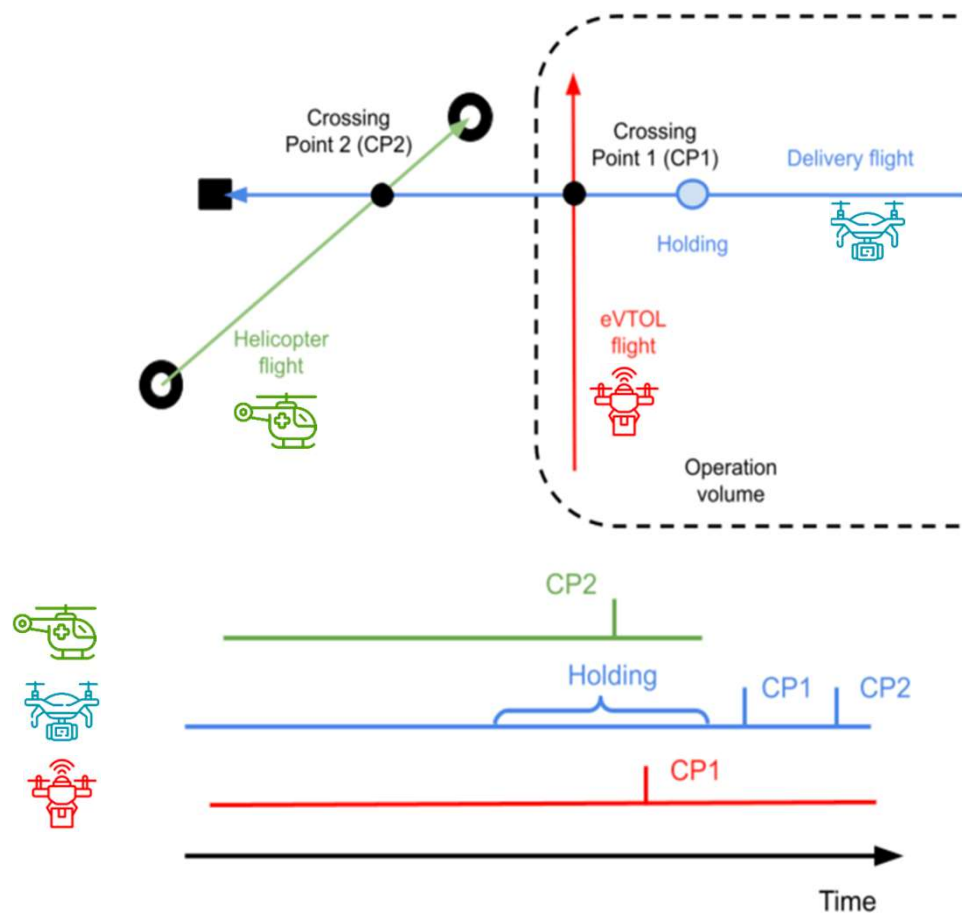


Vertiport in  
Margaux-  
Cantenac



# DEMONSTRATION EXERCISE

Trajectories after conflict resolution





Thank you for your  
attention !

## Innovative companies

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## Research institutes

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## A Competitiveness Cluster

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**TINDAIR**  
Communication  
manager

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