



CONCERTO



Co-funded by
the European Union

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Speaker



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THALES

CONCERTO

dynami**C** c**O**llaborati**O**N to
generalize e**C**o-fri**E**ndly
t**R**ajec**T**Ories



- SESAR 3 Industrial Research
- From July 23 to July 26
- 2x Solutions
- 23x Partners
- Project lead by THALES

To maximize the opportunities for CO2 reduction
& introducing non-CO2 impact management in daily operations

2x Solutions

Solution 1



An Orchestrator For Eco Friendly Trajectories

CO₂

Solution 2



Traffic Flow Optimizer based on Total Climate Effect

CO₂ & non CO₂

23x Partners

 **An Orchestrator
For Eco Friendly
Trajectories**

Solution 1

ANSPs



Industrial




Airline



Others



 **Traffic Flow
Optimizer based on
Total Climate Effect**

Solution 2

ANSPs



Airline



Academics



Industrial



Others



Traffic Flow Optimizer based on Total Climate Effect

Ambition #1

Design an evolutive Solution that continuously embeds non CO2 state-of-art science results

Non CO2: from science to operations

Ambition #2

Experiment non-CO2 monitoring technologies with Borealis ANSPs to help designing their next generation of environmental performance indicators

To leverage ANSPs environment performance

Ambition #3

Test & assess the feasibility to deploy new climate mitigation means and capacity/climate trade-off strategies in daily operations in North-western Europe

To act quickly when possible

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Traffic Flow Optimizer

a Solution to optimize the Traffic Flow based on CO2, non CO2 & ATC capacity trade off thanks to an innovative way to forecast the climate sensitive areas and to implement new climate mitigation means in daily operations

To make eco-friendly trajectories a well-automated, everyday task

Thank You

