

# Clean Aviation

## Strategic Cooperation with European, National and Regional initiatives



Dr. Daniele **VIOLATO**  
*Head of Synergies*

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# Clean Aviation Roadmap for Synergies with European, National and Regional initiatives

## Synergies at the core of the Clean Aviation strategic objectives

### Objectives:

1. **Fill gaps** of the Clean Aviation Technical Roadmap
2. **Pull additional** capabilities & resources
3. **Enlarge ecosystem** contributing to Clean Aviation
  - leveraging on disrupting innovators from beyond traditional aeronautics
  - connecting “local” level with “European” level
  - foster supply chain competitiveness (incl. SMEs)
4. **Increase socio-economic impact** (jobs, skills)

## Strategic Research Innovation Agenda



# Clean Aviation Roadmap for Synergies with European, National and Regional initiatives

## Methodology:

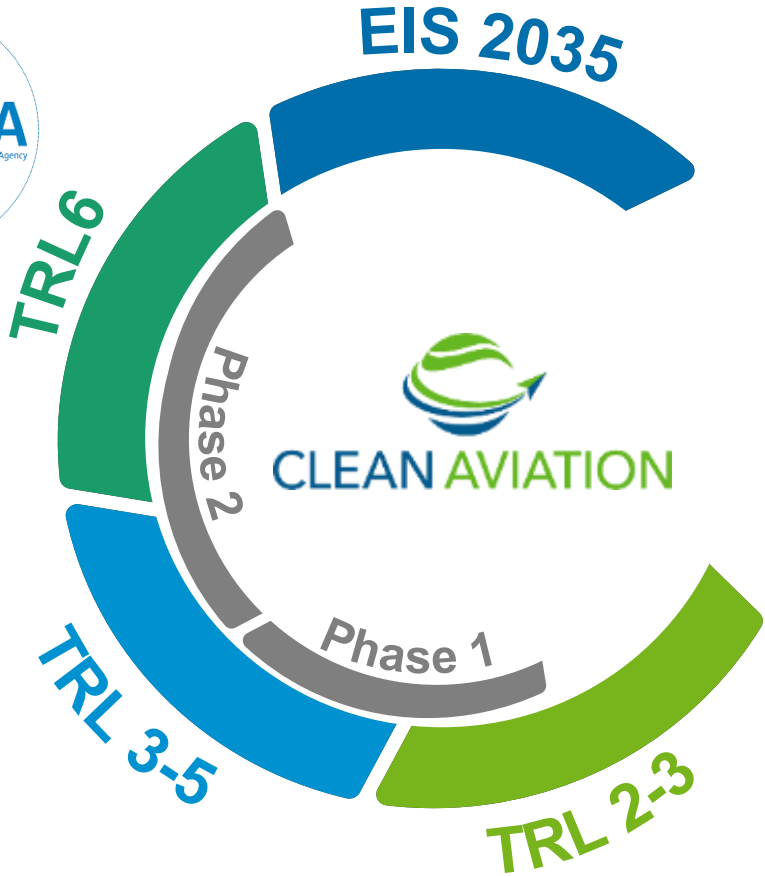
1. **Criteria for impactful cooperation** with other initiatives
  - strong technical alignment with Clean Aviation (joint roadmap)
  - ambitious investments
2. **“Fit-for-purpose” cooperation** & implementation mechanisms (e.g. MoC)
3. **National/Regional/EU initiatives to launch projects aligned to Clean Aviation**
4. **Assessment of contributions from other initiatives into Clean Aviation technologies/demos**



**Strong support by  
the European Commission DG R&I and  
the Technical Committee & State Representative Group of Clean Aviation**

# Europe's collective effort towards climate-neutral aircraft

EU Cohesion Policy  
(ERDF, Just Transition)



## National Programmes



## Regions & Member States (6 MoCs)



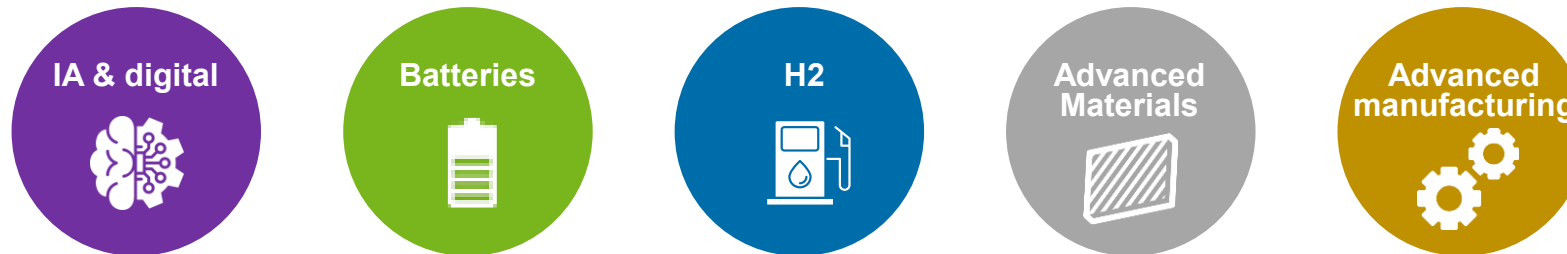
ECARE

Tender on synergies  
with regions

# Joint Technical Roadmap between Portugal & Clean Aviation

## Identifies technical areas of strategic cooperation

- Developed under the coordination of ANI, ANAC and Clean Aviation  
Key technical inputs by AED Cluster, Aernnova, INEGI, CEIIA, TAP, ISQ
- **Main focus on aircraft technologies** addressing the SMR and Regional aircraft domains of Clean Aviation  
Enabling technologies



The Joint Technical Roadmap can serve as a “compass” for National project ideas aiming to contribute to EU aviation



Strategic Cooperation Plan on Net-Zero Aviation  
between Portugal and the Clean Aviation JU

- in the scope of the Memorandum of Cooperation signed on 18/03/2025 by Portugal and the Clean Aviation Joint Undertaking

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**1. Context**

The Clean Aviation Joint Undertaking (CAJU) is the European Union's (EU) leading research and innovation programme for transforming aviation towards a sustainable and climate-neutral future, in line with the European Green Deal. It is a European public-private partnership between the European Commission through Horizon Europe (HFE) (2021-2027), the EU research and innovation programme, and the European aeronautics industry. It has a budget of €4.1 billion divided into €1.7 billion in EU funding and €2.4 billion in private funding. CAJU objectives are pivotal to the European Green Deal and for the climate objectives set by the EU at international level. Clean Aviation's disruptive technologies will help reduce the greenhouse gas (GHG) emission footprint of Short-Medium Range (SMR) and Regional (REG) aircraft by no less than 30% compared to 2020 state-of-the-art aircraft. The technological and industrial readiness of the Clean Aviation technologies will support the entry into



# Challenges and Outlook

## Clean Aviation's “synergies model” delivering positive results, with support from EC & members

- Synergies development
  - requires a well-defined approach and objectives to be achieved - *roadmap*
  - currently based on “custom-made” approaches in absence of well-defined *framework* from the onset
  - requires a platform in the near future to share strategies, roadmaps, results and experiences

Clean Aviation is investing time and effort to develop synergies approach as input to the next MFF

Europe needs a strategized collective effort towards the next-gen aircraft to maintain global leadership





I Thank you