



## Newsletter 01

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Coordinator

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Aerospace Valley

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**CLEAN AVIATION**



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“ Dear Reader,

I am glad to share with you the first ECARE Newsletter.

ECARE project wishes to create synergies between the different funding authorities at Regional, National and European scale to decarbonize aeronautics.

The project is based on a double approach, firstly a bottom-up one, which is the exchange with members of the aeronautics supply chain from SMEs to large companies. Secondly, the top-down approach which is meant to present the results to the funding authorities during National Workshop in 3 countries (France, Germany and Italy). The main objective here is to cross these two points of views, to identify gaps, provide recommendations and new methodologies to funding authorities for future funding and synergies to be operated. ECARE is also developing a digital platform for the aeronautics supply chain. This platform will include different tools that will provide support to find relevant information about current and future funding options at regional, national and European level from the 3 above mentioned countries, past and present funded projects, mapping of organizations and their competences, and all these linked to technological bricks. Consequently, ECARE will create collaborations between the different aeronautics players.

ECARE aims to be replicated and to provide all these tools to Europe and beyond. If you are a minister, a region, a funding authority or a cluster and you are interested in our project, please do not hesitate to contact us as we will be happy to welcome you on board. Let's fly green together! ”

## ABOUT THE PROJECT

ECARE aims at clarifying the existing landscape of regional/national innovation roadmaps and funding opportunities for aeronautical stakeholders. It will also create complementarities and synergies between them to **enable the European aeronautical industry achieve the ambitious targets of the CA JU Programme while maximising public funding impact and efficiency.**

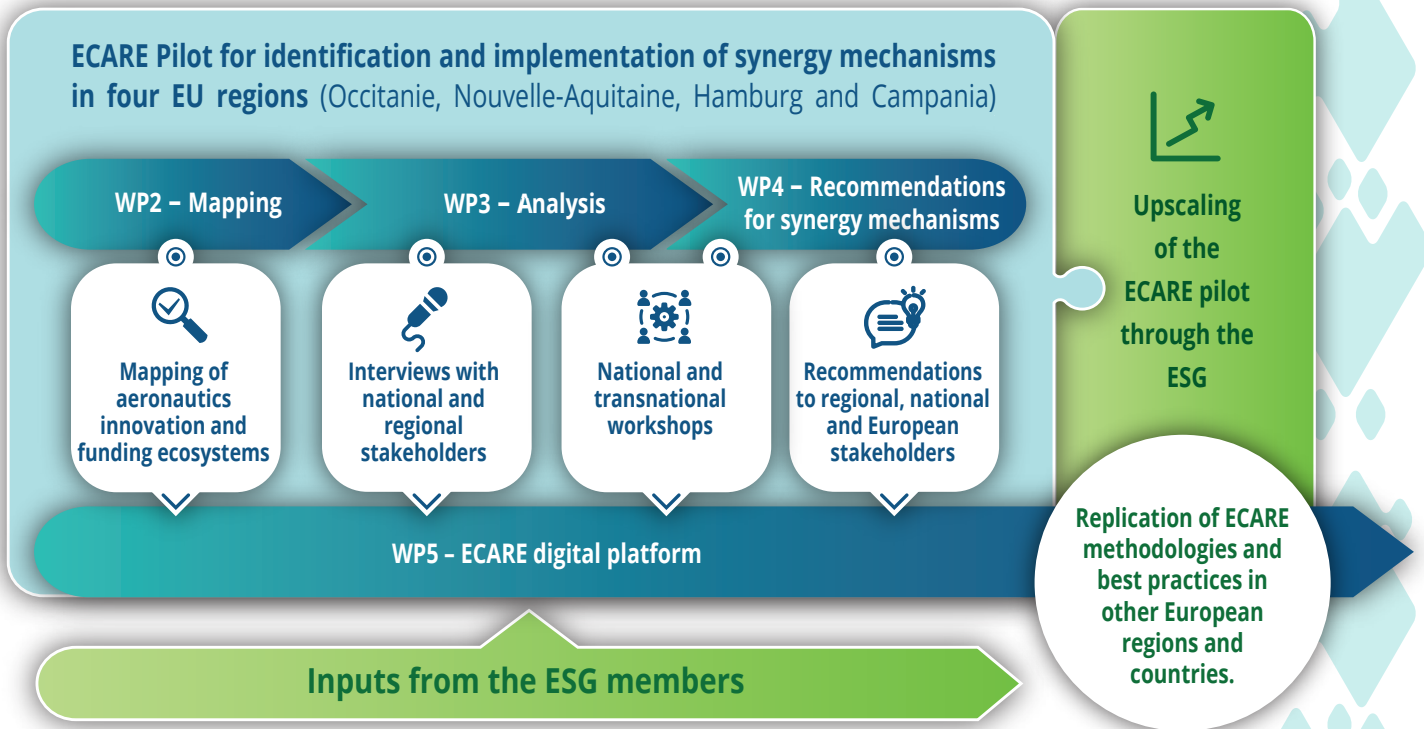
**The ECARE project will develop and disseminate methodologies to create synergy mechanisms applicable to all EU aeronautical regions.** These methodologies will be designed and tested in a Pilot involving four major regions of the European aeronautical industry, namely Occitanie and Nouvelle-Aquitaine in France, Hamburg in Germany and Campania in Italy. Over the course of the project, the methodologies will be improved, adapted and tested against the realities of these four regions, **turning ECARE into a mature operational guidance project for CA JU and other European regions and countries.**

## MAIN OBJECTIVES

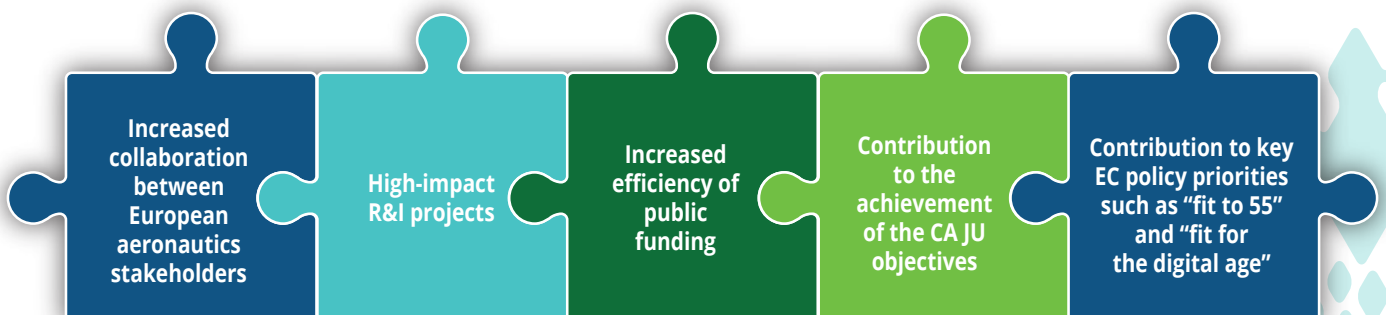
- 🎯 Develop the **platform of reference** for European aeronautical players that will (i) map the funding opportunities in the aeronautical sector at European, national and regional levels as well as the regional R&I roadmaps (RIS3, PRIs), the European, national and regional relevant projects (recently finalised, ongoing and planned to commence), and the available scientific/industrial competences and resources and (ii) provide a forum for exchange of information and identification of partners;
- 🎯 Provide **methodologies** that are tested, improved and validated in four European regions with strong aeronautical expertise to foster complementarities and synergies of funding in the aviation sector;
- 🎯 Provide **recommendations** to CA JU to optimise funding strategies for future calls;
- 🎯 Establish an **ECARE Stakeholders Group (ESG)** composed of representatives of regional/national funding bodies, technology clusters and other stakeholders in the aeronautical sector **to foster and spread the use of the ECARE methodologies in Europe;**
- 🎯 **Disseminate results** through a set of virtual and physical workshops as well as communication events to be co-organised with CA JU.

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## OUR WORKPLAN



## EXPECTED IMPACTS



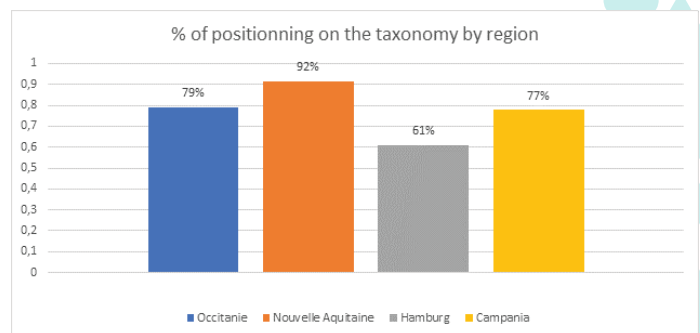
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## LATEST PROGRESS

### *Mapping of aeronautics innovation and funding ecosystems*

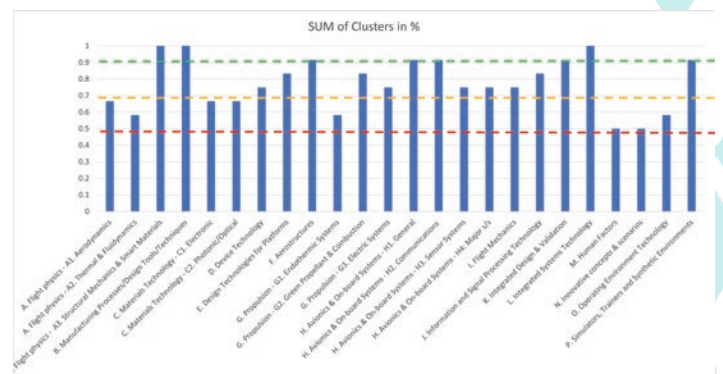
During the first few months of the project, the ECARE Taxonomy has been defined representing the aeronautics innovation technological areas. It basically comes from the old ACARE taxonomy, with specific contributions from the EDA taxonomy applicable to the Clean Aviation perimeter of interest.

After a first topics selection was made by collecting elements from ACARE and EDA, the three ECARE clusters (AV, DAC, HAv) evaluated qualitatively the list on the logical basis of their own experience (i.e., capabilities of their own ecosystem) in addition to considering the Clean Aviation target. Moreover, the effects of product updating (e.g., electric and hybrid propulsion) were taken into account, which were not present in the 2003 ACARE Taxonomy. The resulting effect was to eliminate various topics and to introduce new ones.



The taxonomy is in a way a sort of multidimensional measurement tool. It has been used to characterize from the innovation point of view very different elements such as regional Research and Innovation Smart Specialization Strategies (RIS3), the Clean Aviation Strategic Research and Innovation Agenda (SRIA), funding programmes, but also aeronautics projects and stakeholder as companies and research organizations.

Two examples of the results obtained by using the taxonomy are shown in these figures. It expresses how much of the taxonomy is covered by a single pilot region with respect to the others, and the taxonomy coverage by all RIS3 of the Pilot Regions Occitane, Nouvelle Aquitaine, Hamburg, Campania.



Collection of data and mapping are underway related to competences of clusters' members, innovation projects and funding opportunities. They are being "measured", i.e. characterized, by means of the ECARE Taxonomy.

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## LATEST PROGRESS

### *Analysis of global aeronautical value chains needs for innovation funding*

The consortium is currently also working on the analysis of the aeronautical value chain needs for innovation funding and synergies. To do so, the consortium interviewed more than 70 companies, ECARE shared it between different types of organizations to have a global view [SME (50%), Intermediate company (20%), large companies (10%) and RTO (20%)]. Then, the consortium analyzed all these interviews and identified some key points to discuss with our funding authorities in each **National WorkShop (NWS)**. As the project is at pilot scale, three NWS have been organized:



A common methodology has been adopted while conducting the National Work-Shops (NWS) to follow the same organizational approach and topics to be discussed. The final objective of this process is to identify and/or create new funding synergies, new methodology for funding and gaps.

The consortium expected a lot from the interviews and NWS, the results are conclusive and will be published officially to Clean Aviation in September 2023. A webinar will be organized before the end of 2023 to present all the results.

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## LATEST PROGRESS

### *Recommendations for synergy mechanisms*

An important part of creating synergies of ECARE is the Transnational Workshop, which will be held on the 28th of November in Brussels. For this workshop, all partners and project stakeholders will gather to develop first recommendations for a synergy methodology. In the timeframe of ECARE, the Transnational Workshop is scheduled after finalizing the second and third workpackages.

The results and data collected in these working packages are the basis for in the transnational workshop. We are looking forward to a fruitful discussion with all project stakeholders. As the end of the first year of ECARE will approach by the time of this workshop, it is also a nice opportunity to meet again and look back on the work we have achieved at this point!



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## LATEST PROGRESS

### *ESG – ECARE Stakeholder Group*

The ESG, meaning ECARE Stakeholder Group, plays a significant role in the ECARE project, and results. It is composed of three main types of stakeholders:

- European aerospace clusters
- National and Regional funding bodies
- Other aeronautical key stakeholders

*(e.g. national aeronautical research centres, aeronautics SMEs business support network, etc.)*

ESG members will be consulted at various stages throughout the project, which ensures a potential replicability of ECARE results to other European aeronautics regions and countries. So far, several European regions are represented in the ESG through different clusters and funding bodies. In two meetings, the first prior to the start of ECARE, the second in early June, ESG members were already consulted. Now that the project is progressing, and more results are presented, there will be more frequent ESG meetings to keep everyone updated and involved.

Our goal is to further increase the number of ESG members, so as many stakeholders as possible can be involved in ECARE. The consortium invites all clusters and funding authorities (regional, national, and European level) of European Union and third countries associated to Horizon Europe, to integrate in our ECARE Stakeholder Group (ESG).

ECARE is currently developing methodologies that will allow European regions to create links and synergies with Clean Aviation, which you will have access to if you integrate into our ESG. Thanks to your integration, all your current and past funding (regional, national, and European), precedent and present projects, organizations and competences will be then listed on our digital platform and your supply chain will have a wider visibility for future collaboration.

Now that the project is progressing, and more results are presented, there will be more frequent ESG meetings to keep everyone updated and involved. **The next ESG meeting will take place on the 14th of September at 11am CET. If you are interested in joining, please let us know!**

*If you are interested in joining our ESG, we would be delighted to hear from you. Just send an email to Ms. Maybrit Brooksnieder (Maybrit.Brooksnieder@hamburg-aviation.com).*

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## NEWS & EVENTS

- ✓ **Dr. Gennaro Russo**, the DAC project manager of ECARE, delivered a presentation about the ECARE Project during the event “Campania Region meet the Clean Aviation JU”, which was held on the 3rd of March in Naples at Regione Campania premises downtown Naples. About 80 representatives of large companies, SMEs as well as research organizations attended the event producing a stimulating discussion after all the presentations.
- ✓ **Aerospace Valley** participated to the Clean Aviation Infoday – Call II, the 10th of March 2023. Benjamin LOPEZ, as coordinator of ECARE, presented ECARE to more than 50 participants.
- ✓ **Benjamin LOPEZ**, as coordinator of ECARE participated to the Clean Aviation Annual Forum which took place on 22-23 of March in a hybrid format, Brussels and online. He exchanged and presented to different organizations from all around Europe the projects and invited them to participate to the ESG.
- ✓ **Benjamin LOPEZ** was invited to present to the States Representatives Group (SRG) the ECARE project. The SRG is composed of two representatives and up to two alternates from each Member State and associated country. The project has been presented to more than 80 representatives, the objective of this presentation was to attract the minister and funding authorities to our ESG.
- ✓ **During the Paris Air Show** in Le Bourget on June 19-22, Campania and Occitanie Region signed a Memorandum of Cooperation with Clean Aviation Joint Undertaking, following the previous MOUs signed in the frame of Clean Sky 1 and Clean Sky 2.



54<sup>th</sup> INTERNATIONAL  
PARIS AIR SHOW  
LE BOURGET  
JUNE 19-25, 2023

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## NEWS & EVENTS

### Join ECARE at the 13th EASN International Conference!

ECARE is happy to announce its participation in the upcoming 13th EASN International Conference on “Innovation in Aviation and Space for opening New Horizons”, which will take place in Salerno, Italy from the 5th until the 8th of September 2023. Like its predecessors, the 2023 EASN gathering, is expected to attract a significant number of distinguished personalities of the European Aviation and Space sectors representing the academia, industry, research community and policymaking. Furthermore, the conference is expected to be a major European Dissemination and Exploitation event of Aviation & Space related research, as well as will give the floor to several policy development projects to present the strategic priorities of the European aviation sector. In this context, ECARE, its concept, main objectives, overall approach and up-to-date progress will be presented.

Stay tuned for more information about the ECARE participation, including the event agenda. We hope to see you there!



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## THE TEAM



## CONNECT WITH US

 101101970     01.01.2023     24 months

 Aerospace Valley

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