**First stakeholder feedback "Synergies" workshop of the AREANA project on 11 December 2024.**

In work package 1, the European AREANA project (in close co-operation with the ECARE project) is developing solutions for better co-operation in aeronautics research at European, national and regional level.

In the middle of the project, we now offer you the opportunity to comment on our solution ideas and use your feedback to help us develop practical solutions that meet the requirements of as many stakeholders as possible.

The following areas will be discussed at the workshop:

1. **European aeronautics research strategy:**

Would you welcome the creation of a fully comprehensive European aeronautics research strategy? Should your national/regional aeronautics strategy be aligned with this strategy to improve the coordination of existing research programmes?

1. **Joint calls for funding and other forms of international cooperation:**

Are you interested in improved forms of international cooperation? Are you looking to organise/participate in joint calls with other member-states or Europe (e.g. as part of Clean Aviation)? Are the existing opportunities for international collaboration with researchers from other countries sufficient for you or would you expect improvements here?

1. **Data transparency in the field of European aeronautics research (joint IT platform):**

Would you use and be ready to contribute to the data needed for a common platform, with all existing European, national and regional funding opportunities, ongoing research projects and researchers?

1. **Processes:**

Do you believe that in the complex world of research funding in Europe, a continuous reduction in administrative burden (for example through further digitization and standardization) is necessary and possible?

1. **Research infrastructure:**

Are the current efforts in Europe in the area of in Aviation Research and Technology Infrastructures (such as the "ARTI Pilot initiative" sufficient from your point of view, or would you like to see further measures in the AREANA project? Which type of cooperation beyond ARTI, including possible synergies with national or regional initiatives, should AREANA support?

You have the opportunity to contribute your ideas and comments via this questionnaire till 07.12.2024.

**Data protection:** This questionnaire will guarantee full confidentiality of the information you provide, and we will only ask for your personal information if you agree to participate. The results of this survey will be used for AREANA project purposes only.

If you have questions about the questionnaire, please contact your country’s corresponding contact person found in the list below:

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**Non-EU and EU Associated Countries**: Simon Masters, [simon.masters@iuk.ukri.org](mailto:simon.masters@iuk.ukri.org) and

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**Please submit filled questionnaire to your respective contact person and to**

[**Hartwig.Hagena@dlr.de**](mailto:Hartwig.Hagena@dlr.de) **(CC)**

Below you can provide feedback on the 5 synergy areas of the AREANA project (**strategy**, **joint calls** **or other forms of cooperation**, **data transparency**, **processes** and **research and technology infrastructure**).

In addition to the opportunity to comment on the specific individual measures envisaged; you also have the opportunity to contribute your ideas on each subject area independently of the planned measures.

**Disclaimer to all topics below:** your answers provided to the following questions are non-binding but solely serve an explorative purpose. Your answers will be only used inside the AREANA project to further develop solutions for synergy. Please explain all your answers in detail.

**European aeronautics research strategy:**

* 1. **Discussion, presentation and alignment of strategies (including technical roadmaps) by funding bodies:**

*Regular meetings between funding bodies to present and align the technical roadmaps, which should be developed in a standardised format. A R&D strategy alignment process shall be defined where periodically the thematic lines (implying some strategies) to be aligned and Alignment Topics will be filled in. The revision period (e.g. 2, 3, 5 years) need yet to be defined.*

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| Comments: | | | | |
| (e.g. proposed revision period, expected advantages or challenges of such a strategy alignment) | | | | |

1.2 **Development of strategically aligned funding programmes at regional, national and European level**

*Ensure that public funding programmes at regional, national, and European levels are coherent and complementary, creating a strong synergy among technological roadmaps*

* *Is it important to you that your national/regional aeronautics strategy will be aligned with this European strategy to improve the coordination of your existing research programmes?*
* *Given the ambition to have more aviation R&D strategy synergy in Europe what would you need most to make this feasible and acceptable for your Nation?*

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| Comments: | | | | |
| (e.g. expectations on the alignment process) | | | | |

**1.3 Pilot project on strategy (e.g. drones or “green” aviation)**

*Preparation of a pilot project to implement a harmonisation of European, national and regional research strategies in the field of drones.*

*The AREANA project proposes to start the R&D alignment (process) with a forerunner group. A group of Nations willing to participate and having a joint, shared European R&D vision, strategy and approach.*

* *Would your nation be interested to actually join such a forerunner group?*
* *Would your nation, as part of this forerunners group, be willing to work more closely together under a new, multi-national R&D-aligned strategy pack?*

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| (e.g. preferred thematic line) | | | | |

**1.4 Cooperation with the CAJU Strategic Research and Innovation Agenda (SRIA) and technical roadmaps**

*The Project AREANA also proposes to work in stronger cooperation with Clean Aviation Joint Undertaking defined strategy lines and their future calls.*

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| Comments: | | | | |
| *If you support this approach so, how could this be most effective? If not, please explain the challenges.* | | | | |

## **Joint calls for funding and other forms of international cooperation:**

**2.1 Communication between consortia of projects with similar content in different funding programmes (“Twinning”)**

*Informal cooperation between already funded, running projects with similar topics (e.g. AREANA/ECARE: both working on improved international cooperation in European research funding) to create synergies in areas where this is compatible with intellectual property questions (e.g. cooperating on regulation or joint flight tests).*

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| (e.g. other areas of working cooperation between ongoing projects) | | | | |

**2.2 Associated Partnerships (standardised)**

*Cooperation by associated partnerships*: *standardise (where possible) and communicate the different existing national regulations, connected to cooperation with a consortium from another country while each project partner applies for national funding at its own country funding body.*

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**2.3 Flexible multi-call cooperation**

*Create a general procedure to cooperate between funding programmes from different nations. Supporting the cooperation of the “best fitting partners”, regardless of nationality. Cooperative funding mechanism where two or more funding bodies collaborate to support research projects. Evaluation, selection and administration of the project proposals is realized on national level. For example: cooperation between the German and Austrian Funding Programs Take Off and LuFo.*

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| (e.g. what challenges need to be overcome to make this a success) | | | | |

**2.4 Eureka+ for Aviation (“bottom up”, no specific topic, Eureka specific criteria to be considered)**

*Intensified use of Eureka programme (including Eurostars), possibly adapted for greater funding stability by creating solutions for consortia from funding bodies (states, regions) with different funding commitment. Example: launch of simultaneous call(s) with intention for submitting the project proposal to Eureka.*

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| (e.g. what would be required to provide dedicated funding to this approach) | | | | |

**2.5 Global Calls including non-European leading Nations in Aviation Research**

*Cooperation with selected countries, such as e.g. Canada or Brazil open for intensified cooperation in coordinated research projects with European suppliers/partners to intensify cooperation with non-European OEM’s.*

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| (e.g. on chances, advantages and challenges of such an approach) | | | | |

**2.6 Specific Cooperation methods with CAJU (as developed by ECARE):**

* *Specific calls at regional and/or national level coherent with Clean Aviation key technologies*
* *Clusters issuing call of interests to initiate projects linked to Clean Aviation key technologies*
* *Clean Aviation open call for SMEs to intensify CAJU-SME cooperation*

*What kind of cooperation models with Clean Aviation are the most promising and shall be implemented with the highest priority? - please include your comments in the comments section below this goal.*

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| (e.g. which special requirements apply to a cooperation with the CAJU roadmaps) | | | | |

**2.7 Joint calls**

*Joint calls between two or more countries with coordinated topics and joint evaluation and selection process. The topic is pre-defined, there is a joint evaluation and joint selection of the project proposals. Two or three funding bodies collaborate in order to initiate a joint call to support research projects.*

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**2.8 General Question: Which aviation topic(s) should currently (in the next 1-2 years) receive increased funding according to your organisation:**

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**2.9 General questions in relation to joint calls: Would your organisation be interested in participation of a joint call within the next 2 years? If not: which other form of international cooperation would you prefer (options 2.1-2.6, see above)**

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| Comments: |
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## **Data transparency in the field of European aeronautics research (joint IT platform):**

**3.1 Centralised tool which provides easy access to data of calls, funded projects and stakeholder competences at regional, national and European level**

*Implementing a long term defined process and responsibility for regular data updates of the joint IT-Platform developed by ECAR. For further Information you may look at the ECARE digital platform: https://ecare-digital-platform.eu/E*

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| (e.g. preferred services of a joint IT-Tool or possible solutions for financing a continuous data update) | | | | |

**3.2 Assurance of complete and "searchable" data availability**

*Agreement of data sharing based upon reciprocity to assure the broadest possible data sharing among participating nations. Provisioning of data by the funding bodies to the platform deemed to be the most effective way.*

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| (e.g. on recommended level of data transparency) | | | | |

## **Processes:**

**4.1 Regular meetings and communication between regional, national and European funding bodies to facilitate administrative processes**

*Initiate a regular communication process on all levels inside Europe (European, National and Regional funding programmes) to create synergies and reduce administrative burden.*

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| (e.g. on core areas to reduce administrative burden) | | | | |

**4.2 Standardised Data Requirement for all European Funding Programmes**

*Approach to harmonise Data required to apply for Funding inside Europe (European, National and Regional funding programmes.)*

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**4.3 Seal of Excellence (e.g. by Clean Aviation or other Funding Bodies)**

*The existing EIC Accelerator Seal of Excellence is a quality labels awarded to project proposals submitted by start-ups and SMEs. The proposed synergy seeks to enhance this existing top-down approach by expanding the framework to other funding opportunities.*

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| (e.g. concrete steps to increase significance of this seal of excellence) | | | | |

## **Research infrastructure:**

**5.1 Support of ARTI**

*Process to receive regular feedback on the ARTI pilot initiative on Aviation Research infrastructure involving all relevant stakeholders to identify gaps and additional initiatives or specific topics to be covered*

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| (e.g. most relevant elements of research infrastructure cooperation) | | | | |

**5.2 Standardised Process for joint use and/or new methods of joint funding of Research and research technological Infrastructures**

*Development of a standardised process/funding mechanism to share and fund the use of research infrastructure inside Europe*

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| (e.g. core requirements and challenges for such a process) | | | | |

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| Feedback provided by: **(This Information will be kept strictly confidential)** | | |
| Name | Organisation | Country |