



**CALL FOR EXPRESSIONS OF IDEAS/PRIVATE MEMBERS FOR THE FUTURE
EUROPEAN PARTNERSHIP ON CLEAN AVIATION
UNDER HORIZON EUROPE**

APPLICATION FORM

Please complete this application form electronically and send it to:

RTD-AVIATION-CEI@ec.europa.eu

The deadline for submitting is 30 November 2020, 12.00, Brussels time.

Please only fill in the form in Times New Roman font, pt 12. For filling the application form, please download and save it, click on Fill & Sign, complete the form and then save it.

1. Information about the applicant			
1.1.	Company/organisation		
1.2.	Contact person	Name, Surname	
		Job title	
		Phone (e.g. +32-2-....)	
		E-mail address	
	Proposed consortium name		

2. Proposed R&I

Please explain your proposed contribution towards implementing large-scale demonstrators that could be developed in the proposed Clean Aviation Joint Undertaking (one page maximum). The contribution shall describe the technical aspects of the demonstrator, its links with the proposed SRIA and in particular, which part of the SRIA it intends to cover or complement:

- A “Consortium proposing a project idea addressing one of the thrusts mentioned in the SRIA”;
- B “Consortium proposing a project idea complementary to the thrusts described in the SRIA, but in line with the European Green Deal and SRIA high level objectives”.

1 page maximum including this header.

3. Justification

Please explain the technical and economic rationale of why your proposed contribution should be considered for possible support.

In case of option A, action to execute the SRIA demo thrusts, please explain how it would contribute to the SRIA of the proposed Clean Aviation Joint Undertaking and its objectives and impact.

In case of option B, “new transformative ideas/concepts to the SRIA”, please explain how your proposed contribution will contribute to the objectives of the European Green deal and how it will complement to /integrate with the SRIA.

1 page maximum including this header.

4. Synthesis of the proposed approach

Please explain how your proposed contribution would be elaborated in terms of:

- *high-level “WBS” (work-breakdown structure) of research streams and milestones;*
- *estimated planning and key dates for planned results;*
- *key deliverables contributing to the objectives and timeline set under the proposed SRIA and/or to the objectives of the European Green Deal;*
- *high-level description of the planned path to market.*

2 pages maximum including this header.

5. Involvement in the future Clean Aviation partnership

Please explain how your potential involvement (e.g. Membership level) in the proposed Clean Aviation Partnership contributes to the overall Clean Aviation Joint Undertaking programme, along with the required operational and financial commitments to co-invest in the proposed Clean Aviation Joint Undertaking.

1 page maximum including this header.

6. Technical part

Please detail your proposed contribution according to the instructions provided in the call.

The format is free but the length should not be superior to 20 pages, particular attention should be paid to the chapter related to the quality and efficiency of the implementation and in particular to present the consortium potential to accomplish the proposed contribution.

a) Technical excellence (maximum 5 pages)

Describe the technical aspects of the demonstrator, in case of option A its link with the proposed SRIA and in particular, which part of the SRIA it proposes to cover or complement. The technical part should include defined S.M.A.R.T. objectives, a timeline, milestones, deliverables, and a complete budget overview. Where appropriate contributions shall describe how technical synergies will be promoted with activities planned under the SRIA of other proposed Partnerships under Horizon Europe and with other Union and national/regional funding programmes. The demonstration scale and targeted technical maturity shall be described in accordance to early 2030-35 entry into service as envisaged in the SRIA of the proposed Clean Aviation Joint Undertaking.

b) Impact (maximum 5 pages)

Describe and justify as detailed as possible the expected impact in relation to the SRIA and aviation climate neutrality by 2050. Describe the impact at on-board systems level, as well as the socio-economic impact, and possible required changes to the infrastructure (if applicable). Provide a preliminary business and industrial roadmap leading to a credible market uptake of the proposed technologies. This analysis should take into account the emissions reductions that the developed technologies would have on individual aircraft and aircraft types, the overall impact on the complete affected fleet and market segment, and the expected speed of introduction of the technology and new products.

c) Quality and efficiency of implementation (maximum 10 pages)

Include a preliminary business and industrial roadmap for co-investment in the proposed activities. Provide a description of the implementing consortium, its composition, available skillsets, the respective roles and responsibilities, and possibly required infrastructure and tools. Include an estimation of the “total costs” to finance the R&I activities linked to your proposed contribution, as well the estimated level of total private contribution (financial and in-kind contribution) that may be brought to the proposed Clean Aviation Joint Undertaking through the execution of the proposed activities and via additional activities/investments.

Provide also an estimation of the timeline and duration of the R&I activities for your proposed contribution.

Provide a clear indication of the consortium composition.