



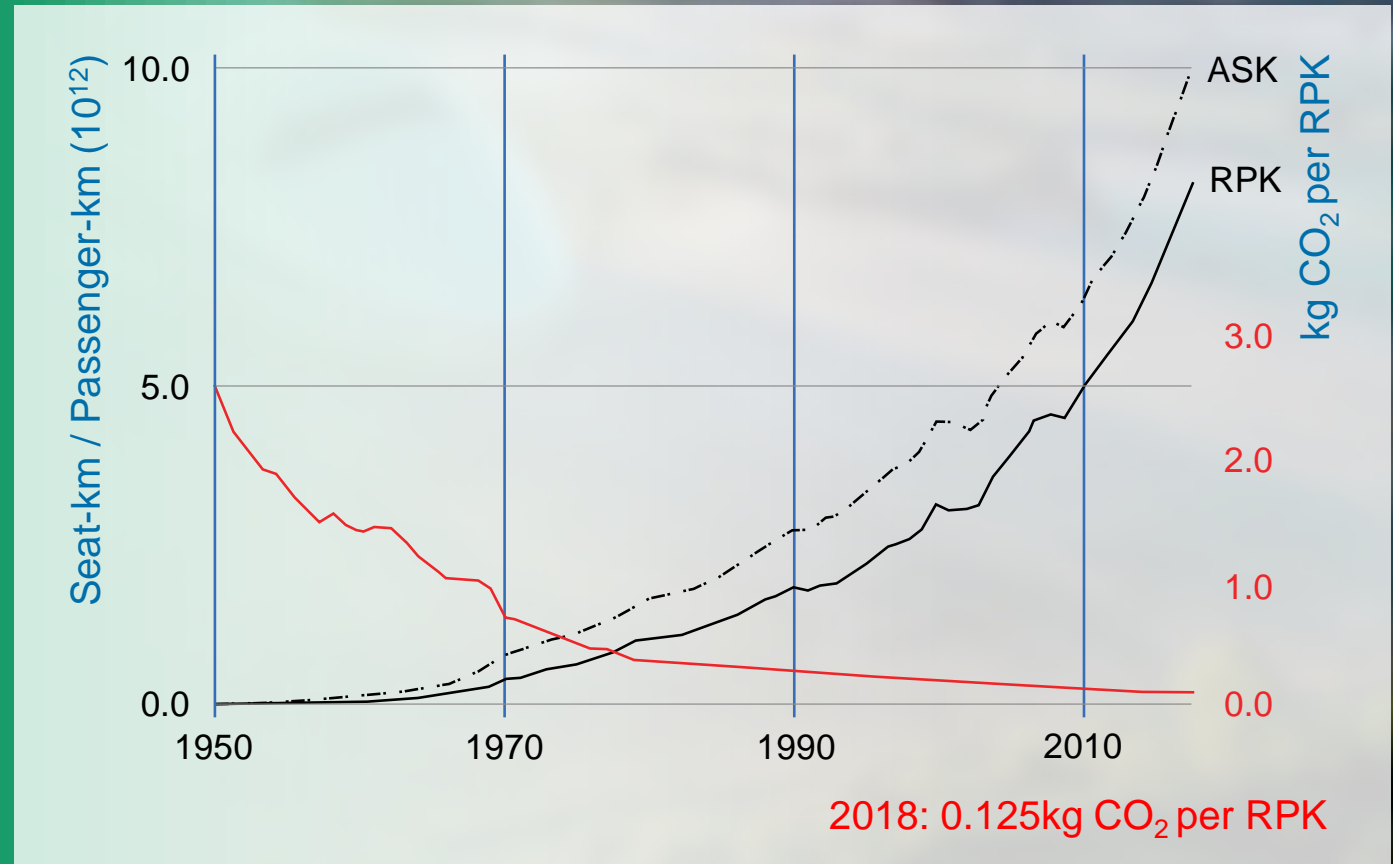
Shoébastien **DUBOIS**  
*HoU Programmes*

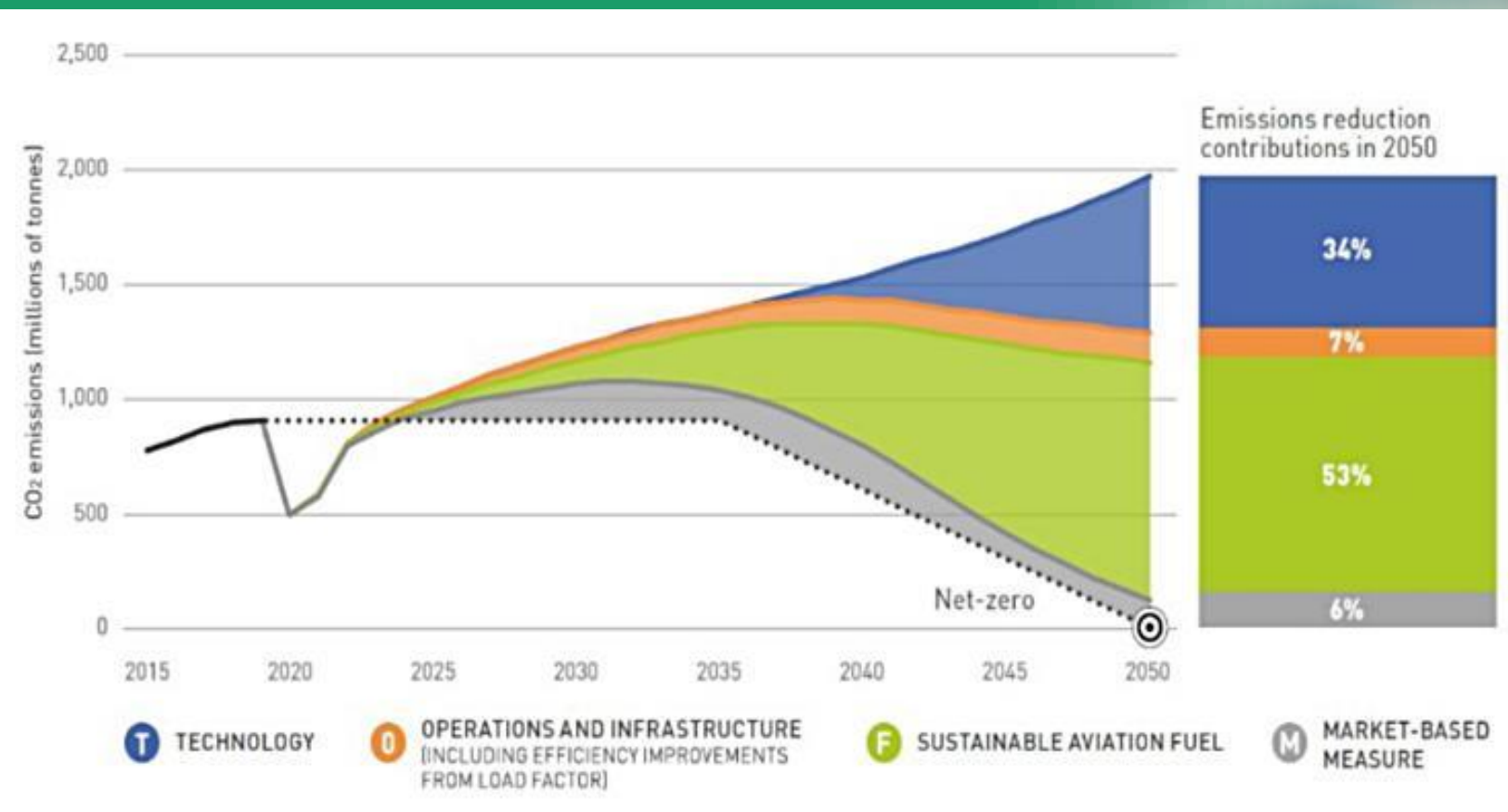
**Call 2 info days**  
1st March 2023  
Online Event

# Clean Aviation: Programme overview and context – in a nutshell

# Phenomenal progress in efficiency...

but growth in aviation transport sector consistently outpaced these gains





Technology  
&  
SAF (PtL & H<sub>2</sub>)  
together  
will trigger  
disruption




# We stand for disruptive technologies & innovations

- European Public Private Partnership
- Reducing net greenhouse gases:
  - 30% for Short-Medium Range Aircraft
  - 50% for Regional Aircraft

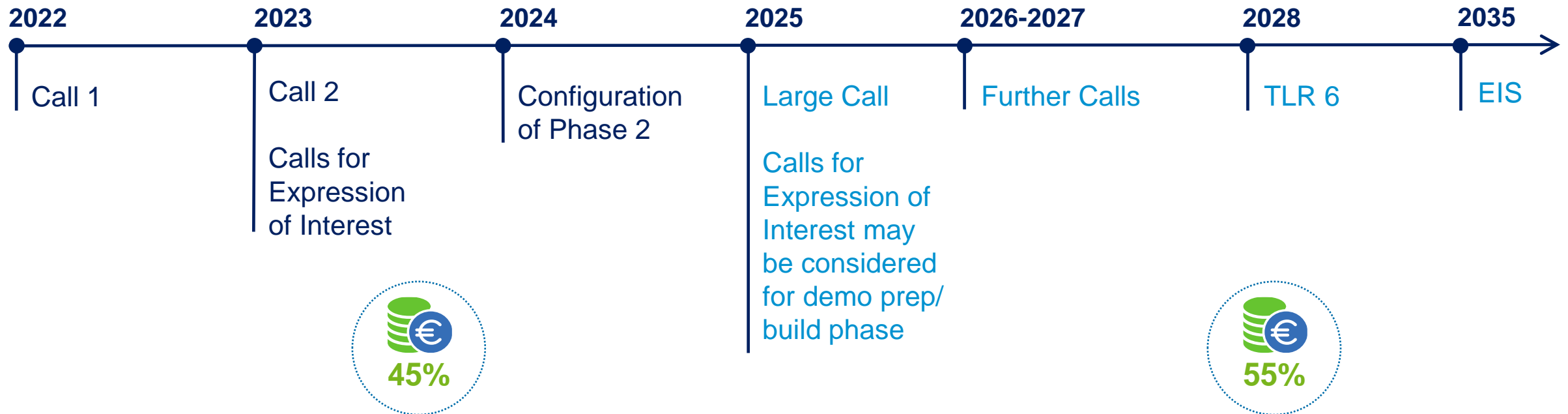


# Clean Aviation: 2 Phases

  
EU Funding:  
**€1.7bn**  
Private Funding:  
**> €2.4bn**

Phase 1: Develop **concepts, technology options**  
and **trade studies**

Phase 2: Accelerate **technology maturation**  
through **integrated demonstration**



# Clean Aviation: 3 thrusts

Driving  
**Efficiency  
&  
Emission  
Reduction**

Phase 1: Develop concepts, technology options and trade studies

2022

2023

2024



TRANSVERSAL AREAS

# Transversal Areas



- **Technology integration** at concept aircraft level  
(hybrid electric – Leonardo; SMR – Airbus)
- Overall aircraft **design evaluation**
  - + Impact Monitoring
  - + Digital Aircraft Platform
  - + Eco-Design
- **Synergies** with other projects
- **Certification**





# Skip-a-Generation technology leap

- Keep pushing the envelope > ‘traditional’ aeronautical sciences
- Non-traditional sciences > **key enablers**
- Replacing ~75% of the global fleet by 2050
- **Simulation, digital twin and innovative certification**
- **Life-cycle aspects and recyclability**

We are in the  
**MOST EXCITING  
TECHNOLOGICAL  
DECADE** for  
AERONAUTICS



# Join us online!!!

CLEAN  
AVIATION  
**ANNUAL  
FORUM**

23



22-23 March 2023  
Brussels & Online

From Low Carbon to  
Zero-Emission Aviation

# UNLEASHING DISRUPTION





CLEAN AVIATION



Sebastien DUBOIS  
Head of Programmes

01<sup>st</sup> March 2023  
*In remote via Teams*

# Principles and Practical Guidance

## Call 2



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# Call 2 Opening phase at a glance

▪ <b>Call Launch</b>	09 February 2023
▪ <b>Submission System open</b>	09 March 2023
▪ <b>Call Closure</b>	11 May 2023
▪ <b>Q&amp;A opens until*</b>	Mid-April 2023
▪ <b>Evaluation Phase</b>	June-July 2023
▪ <b>Results outcomes</b>	August 2023
▪ <b>Grant Signature</b>	Mid-December 2023
<i>*Q&amp;A will be published on the Funding and Tenders Opportunities Portal.</i>	

The call **contains 09 Topics** with an indicative total funding of **~137.75 M€**.

For questions: [CFP-2023-01@clean-aviation.eu](mailto:CFP-2023-01@clean-aviation.eu)

Find out more:

- **Clean Aviation JU website:** [Calls for Proposals](#)
- Call Page via the **Funding and Tenders Opportunities Portal:** [CAJU Call 02](#)



# Overview of Clean Aviation Call 2

Horizon-JU-CLEAN-AVIATION2023-02-	Title	Max Number of projects	Ind. Topic Value (Funding in M€)
<b>Hydrogen Powered Aircraft topics</b>			
HPA-01	Hydrogen fuel system for direct burn engine ground test execution and flight test preparation	1	20
HPA-02	Aircraft Liquid Hydrogen Fuel Distribution System Technologies for Direct Burn Applications	1	10
HPA-03	Multi-MW Fuel Cell Propulsion System for Hydrogen-Powered Aircraft	1	35
<b>Hybrid Electric Regional Aircraft topics</b>			
HER-01	Innovative Fuselage/Empennage Design for Hybrid-Electric Regional Aircraft	1	25
HER-02	Open Digital Platform for Hybrid-Electric Regional Design	1	7
<b>Short &amp; Medium Range Aircraft topics</b>			
SMR-01	High-TRL Flight demonstration means for Ultra Efficient Propulsion Systems for Short and Short-Medium Range Aircraft	1	20
SMR-02	Ultra Performance Wing Technologies and Integration for Short and Short-medium Range Aircraft	1	13
SMR-03	Advanced Cabin and Cabin Systems Integration for Short Range and Short-Medium Range for Hydrogen-Powered Aircraft	1	7
<b>Coordination and Support Actions</b>			
CSA-01	Aviation Climate and Technology Impact Monitoring Methodology	1	0.75
<b>TOTAL</b>	<b>9 TOPICS</b>	<b>9 Projects</b>	<b>137.75</b>

# Topic description/structure: content, objectives and conditions

## Description of the call topic and topic specific conditions

- Specific eligibility criterion
- Expected EU contribution per project
- Indicative budget
- Indicative project duration
- Type of Action
- Technology Readiness Level
- Special skills and/or capabilities expected from the Applicant(s)
- Membership/ Consortium agreement
- Project and Impact Monitoring
- In-kind contributions (IKOP/IKAA by JU Members; co-funding by other applicants)
- Other relevant projects
- Involvement of EASA

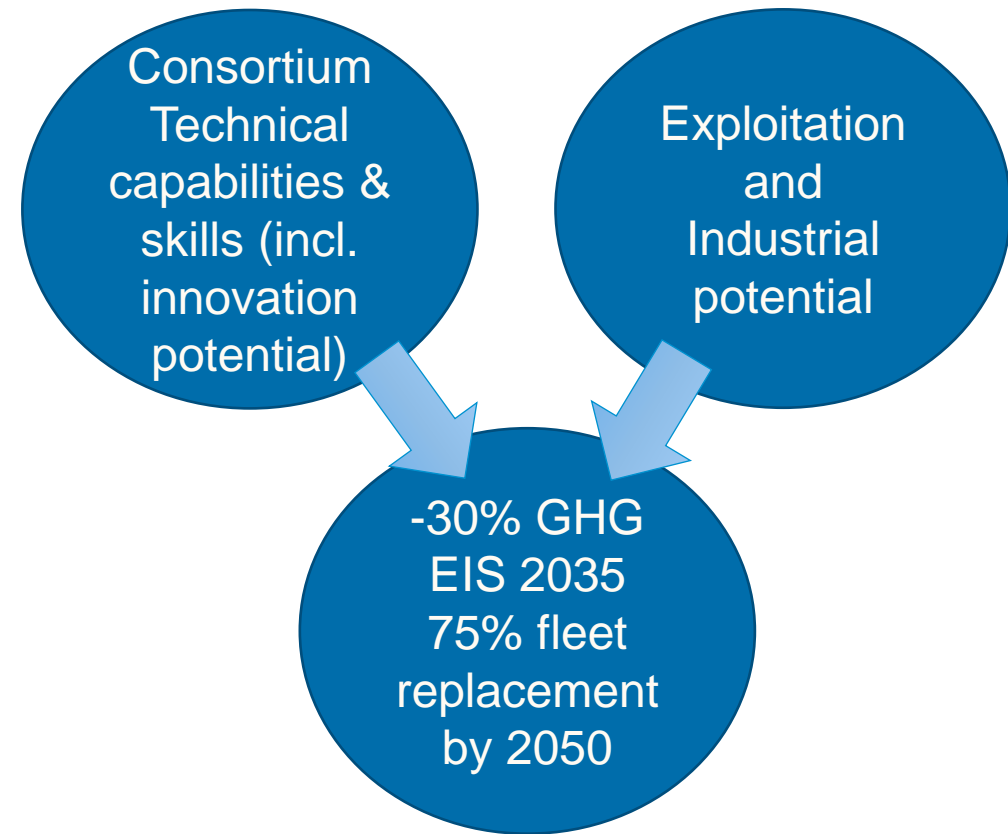
## Expected Outcome

### Scope

### Performance targets

# Special skills / capabilities expected from the Applicant(s)/ consortium

## Consortium configuration



## Applicants should:

- Ensure their proposal and consortium reflect all **necessary expertise and capabilities**;
- Identify and include the **additional expertise** needed to complement the traditional aeronautical domain, in order to effectively address the incorporation of new/disruptive technologies;
- Where appropriate, **include newcomers to the field of aeronautics** and in particular SMEs, start-ups and/or knowledge centres that can bring disruptive innovation to the project as proposed

## Consortia capabilities, skills and expertise to deliver the expected impact



# Project and impact monitoring

### ***Continuous monitoring (yearly or biennial basis)***

- Ensure relevant exchanges of information and data between
  - **Aircraft concepts project(s) SMR ACAP and/or HERA project(s)** : collection of data from the other relevant project(s) contributing to the aircraft concept activities
  - **Contributing projects (Sub-systems / Key Technologies/ demonstration areas):** delivery data to SMR ACAP and/or HERA project(s) and to other relevant project(s) on aircraft architecture

## Project results at completion

- Issue a final impact/performance assessment at project completion including a TRL assessment, in order monitor and **assess the progress of the activity towards the targeted impact and performance.**

*The alignment of results and progress towards the contribution to the SRIA and the SRIA High-Level Objectives will be regularly assessed (by consortia and the CAJU) against Key performance indicators defined across projects*

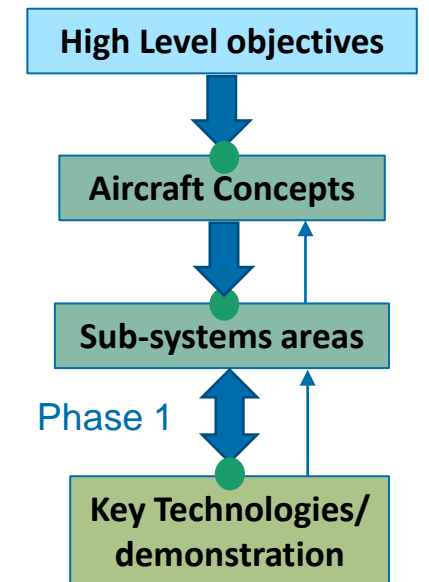


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**Not legally binding**



- Specific targets / KPIs / Impact Indicators
- Data exchange and data collection

# In-Kind Contribution and Synergies

## In-Kind Contribution (IKC) to the Programme

- Members vs. Non-Members
- Two types of IKC:
  - IKC to operation activities (IKOP)
  - IKC to additional activities (IKAA)
- Required min. level of in-kind contributions: 1.5 times the funding request in aggregate for the proposal

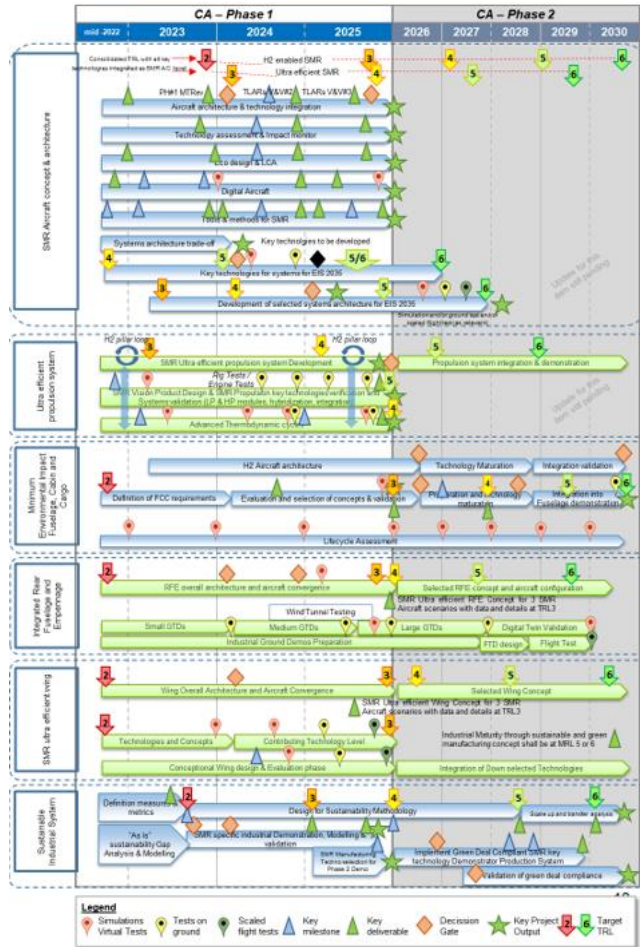
Ref. Art. 61 of the Council Regulation (EU)  
[2021/2085](#)

The proposal should include:

- a description of the IKC provided by the Members (IKOP + IKAA) and the non-Members (at the stage of the proposal submission) who clearly express the ambition to become a member before project end;
- include a list the actions implemented and envisaged to ensure an adequate level of IKC as defined in the topic as well as to demonstrate their reliability and associated risks.

# Building an integrated approach

SMR Gantt Chart (example)



The applicants should :

- ensure their proposal is **aligned with the Gantt chart(s) of the relevant thrust(s)** as published in the Clean Aviation Work Programme 2022-2023), duly considers **interfaces and interdependencies** therein, in order to ensure a consistent and coordinated approach with the selected other relevant projects selected under this call and the first CAJU CfP.
- draw up in their proposal a **list of topics published in this call**, from which other relevant projects may be selected and with which cooperation and an exchange of information will be needed in order to achieve the proposal's objectives.
- commit in their proposal to sign a **cooperation agreement** with the ongoing **SMR ACAP and/or HERA** project[s] and with the other identified projects selected under the first call.
- **an integrated programme planning finalised at M6:** Define a deliverable which will provide the specific technical requirements, the necessary data/information exchanges and the delivery schedule thereof with respect to the other relevant projects including a list of milestones and deliverables across the contributing projects.  
→ This deliverable must be issued by the applicants at M6.



# Involvement of EASA

Proposals under CAJU shall have a plan to include EASA Participation at a certain stage of their activities (e.g. certification, exploitation route, etc.)

The participation of EASA in projects should:

- follow the EASA service contract unless other type of contracts already exist to support the proposal (a reference to existing service contracts type IPC should be included in the proposal)
- Include the allocated funding for EASA activities from the project

No additional funding will be granted for EASA participation after the project award.

- Include The scope of work and description of activities related to EASA (either as tentative or as prior agreed with EASA)

→ EASA financing of activities should be implemented within the EU max grant amount and in alignment with the description as defined in the project.

# CA JU application form / Proposal Template: structure

**The applicants will submit a proposal, divided in several parts:**

- **Part A:** the administrative information about the proposal and the participants.
- **Part B: the technical description of the proposal** (main aspects of the proposal to be evaluated i.e. summary budget, timeline, effort, work breakdown structure, risks according to the evaluation criteria (excellence, impact, evaluation). **PART B is subject to a 120-page limitation (excluding the annexes).**
- **Annexes to Part B** including the following information on :
  - work packages: detailed description of tasks, related efforts and cost breakdown per beneficiary;
  - applicant entity and any participant in the work (legal entity, CV, core-competencies and background);
  - any ethics and/or security aspects flagged in Part A and how these are addressed.



→ **Applicant(s) should ensure coherence / consistency between Part A, Part B and Annexes.**

**All these parts are necessary to validate the proposal application.**

# Rules of submission, evaluation, selection of proposals in the open calls

## Main elements:

- Submission of proposals under the open calls, procedural steps (in line with HE rules)
- Eligibility, evaluation vs award criteria and selection process (in line with HE rules)

- 1) Experts' individual assessment
- 2) Consensus Phase (including possible hearings)
- 3) Topic Panel Review – cross reading of final reports (Evaluation Summary Reports)
- 4) Call Panel Review (optional phase 4)

- ☐ Establishment by the ED of the list of proposals selected for funding to be sent to the GB for approval
- ☐ Mechanisms to prioritise proposals and to steer budget flexibility where needed
- GA preparation phase leading to grant signature – technical and financial adjustments of proposals may be requested based on Evaluation summary reports

*NB: Rules for Submission must be read in combination with the Work Programme (eligibility rules, award criteria, weightings, criteria for “ex aequo” etc) and the call text (topics description, requirements and additional conditions applicable at call or specific topic level)*



# Evaluation criteria: Excellence, Impact, Implementation

The CA JU proposal template is structured to address all the sub-criteria composing each of the 3 evaluation criteria. These will be used during the evaluation to set up the scoring and the ranking.

The following aspects will be considered, to the extent that the proposed work corresponds to the description in the CA JU Work Programme:

## [A] EXCELLENCE

- i. Relevance vs the SRIA/topic objectives
- ii. Clarity and pertinence of the project's objectives (SMART objectives)
- iii. Soundness of the proposed overall methodology
- iv. High level of innovation and associated performance objectives.



Make sure you are using the **CA JU templates** (Part B and Annexes) available on the Portal for this Call!

The evaluation criteria are elaborated and implemented as specified in the CA JU Work Programme and Rules for Participation. More details are provided in the CA JU Proposal Template Model (Part B and Annexes).

# Evaluation criteria: Excellence, Impact, Implementation

## [B] IMPACT

- i. **Credibility of the pathways to achieve the expected outcomes and impacts** (quantitative measurement/assessment and performance monitoring strategy)
- ii. **Measures to maximize expected outcomes and impacts**
- iii. **Credible plan for a potential market uptake**
- iv. **Industrial strategy of the consortium as a whole** describing the possible **supply chain** approach, the envisaged **knowledge transfer** if any and the **industrial capabilities** and **objectives of participants**, etc.
- v. **Existing synergies with Programmes** (EU, national, regional)



Make sure you are using the **CA JU templates** (Part B and Annexes) available on the Portal for this Call!

The evaluation criteria are elaborated and implemented as specified in the CA JU Work Programme and Rules for Participation. More details are provided in the CA JU Proposal Template Model (Part B and Annexes).

# Evaluation criteria: Excellence, Impact, Implementation

## [C] IMPLEMENTATION

- i. Quality and effectiveness of the proposed project work plan, appropriateness of the effort assigned to work packages, major / key milestones and deliverables consistent with final targets/objectives sought in the topic;
- ii. Appropriateness of the financial plan and budget in line with the topics' indicative value;
- iii. Consortium configuration and the necessary expertise to meet the objectives and mitigate technical risks;
- iv. Match of technical capabilities and skills with the Topic Area and congruent with the programme objectives embodied in the topic;
- v. Ability to involve supply chain and into an equal or higher tier industrial organisation;
- vi. Ability to ensure an adequate level of in-kind contribution to the CA JU as defined in the calls/topics.



Make sure you are using the **CA JU templates** (Part B and Annexes) available on the Portal for this Call!

# Reference documents included In the call

## Call Background documentation:

1. CA JU Call 2 topics descriptions;
2. CA JU Work Programme 2022-23 and in particular, Chapter 2.4.3 “Conditions and Management of the calls”
3. CAJU rules for submission, evaluation, selection, award and review procedures for calls for proposals
4. Clean Aviation Strategic Research and Innovation Agenda (CA JU SRIA)
5. Proposal Template Model for IA and RIA Actions - CA JU+ supporting tables to Part B “technical description” and Annexes.
6. Proposal Template Model for CSA Actions - CA JU
7. Evaluation Form IA an RIA Actions - CA JU
8. Evaluation Form CSA Actions - CA JU
9. Model Consortium Agreement - CA JU
10. Model Cooperation Agreement – CAJU (soon available)
11. Clean Aviation Contract template for the provision of services by the European Aviation Safety Agency (EASA)
12. [HE Model Grant Agreement](#)
13. [EU funding & Tenders: Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment](#)
14. [EU Grants AGA — Annotated Model Grant Agreement](#) (EU Funding Programmes 2021-2027)

## For reference:

- [Regulation \(EU\) 2021/2085](#) adopted by the Council of the European Union on 19/112021 establishing the Joint Undertakings (JU) under Horizon Europe (HE)
- [HE Programme Guide](#)



# FAQ with Applicants - practical guidance

1. Applicants submit their questions via [CFP-2023-01@clean-aviation.eu](mailto:CFP-2023-01@clean-aviation.eu);
2. Questions are collected by CA JU and if/where relevant, addressed after analysis;
3. Q&As are published once available via the [Funding & Tender Opportunities Portal](#). Two Q&A releases are foreseen:
  - The first is planned on or soon after **09 March 2023\***
  - The second is planned on or soon after **Mid-April 2023\***
4. Applicants are advised to regularly check the [CA JU website](#) and [Participant Portal](#) for updates to the call information and questions
  - ❖ *DO NOT ask for replies via the Functional Call Mailbox !*
5. FAQs can be submitted to the above functional call mailbox **until 13 April 2023, 17:00 (Brussels Time)**.

*\* The above dates are indicative estimated dates*



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# LEGAL GUIDELINES CALL 2

1st MARCH 2023

BRUSSELS



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# OPEN CALLS - FRAMEWORK AND RULES



**OPENNESS** - To design the Calls for Proposals and allocate EU funding



**CALLS AND TOPICS DESIGNED TO MEET THE SBA OBJECTIVES/IMPACT** - The SRIA HLGs and comply with HE Rules for Participation



**CERTAIN DEVIATIONS** from the HE rules for participation (where applicable)



**CAJU RULES FOR SUBMISSION** - Evaluation, Selection and award criteria



❑ Admissibility, eligibility, award criteria and **CONDITIONS** are set out in the **CAJU WORK PROGRAMME** (*Chapter: Conditions and Management of the Calls*) and under the **GENERAL ANNEXES TO HE WORK PROGRAMME 2023/2024**



**SPECIFIC CONDITIONS PER TOPIC** are set in the call/topic descriptions

# ADMISSIBILITY AND ELIGIBILITY SPECIFITIES - CAJU WORK PROGRAMME



## ADMISSIBILITY CONDITIONS

- ☐ Proposals to be submitted via Commission Funding & Tenders
- ☐ CAJU WP - Conditions and management of the calls → The limit for a full application is **120 pages**



## ELIGIBILITY CONDITIONS:

- ☐ **At least 1** independent legal entity established in a Member State (MS), and 2 other independent legal entities each established in a different MS or in an Associated Country (AC)
- ☐ **CSA**: submitted by 1 or more legal entities, established in a MS, AC or 3<sup>rd</sup> country (exceptional cases)
- ❖ **Specific condition**: legal entities established in **China, Russia, Belarus** or in any occupied territory of Ukraine are not eligible to participate in any capacity (following Horizon Europe WP 2023 – 2024)



## OPEN CALLS

- ☐ The same applies to the Grant Agreement (GA) → Private Members (PM) and other participants (non-members) will be part of the same action and grant agreement



# CALL 2: PACKAGE LEGAL DOCUMENTS



## THE MODEL GRANT AGREEMENT (Annex V – Specific rules for JU actions):

- ☐ Actions shall contribute to the CAJU objectives and SRIA;
- ☐ JU right to object to transfer of ownership or exclusive licensing of results outside the EU - up to 10 years from end of the action;
- ☐ Beneficiaries' obligation on exploitation - up to 10 years from end of the action;
- ☐ Description of in-kind contribution (IKC) at proposal level;
- ☐ Minimum level of IKC set at project level, special condition set in all topics of the call (NB: IKC is a Members' obligation).



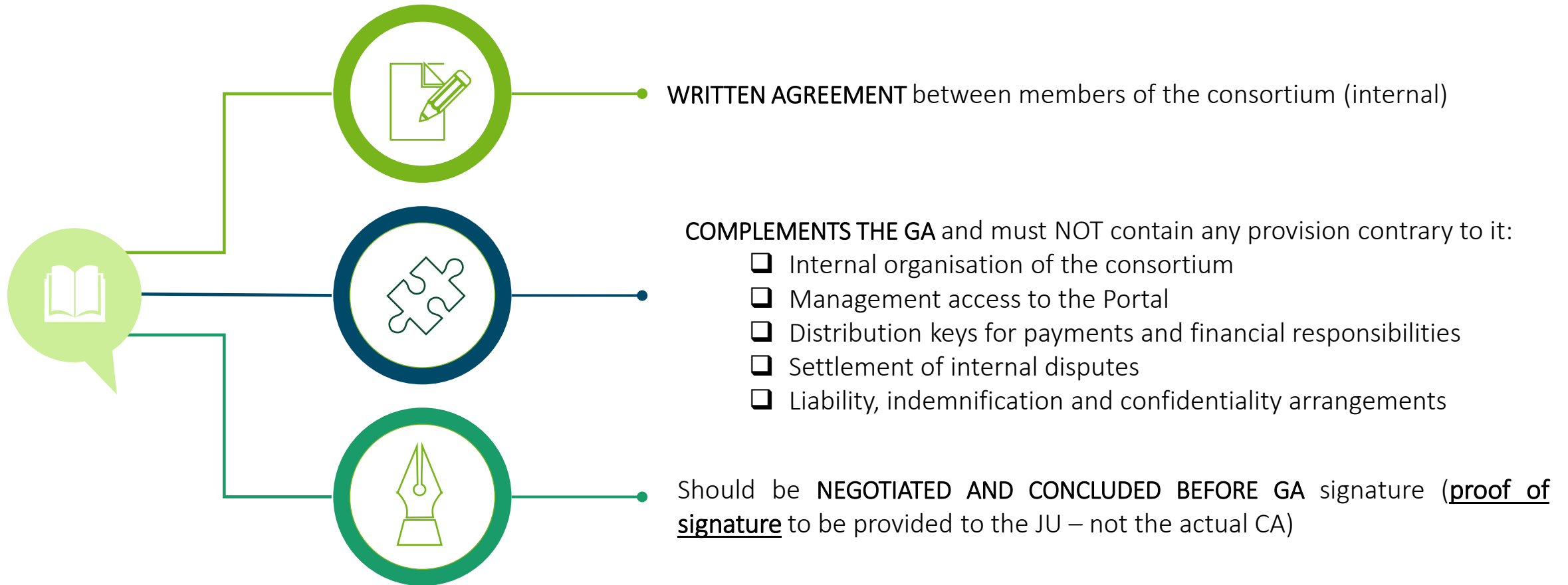
CAJU WORK PROGRAMME 2023/2024

CALL TEXT AND TOPICS DESCRIPTION

CAJU RULES FOR SUBMISSION – Evaluation, Selection and Review Procedure

MODEL CONSORTIUM AGREEMENT

# CAJU CONSORTIUM AGREEMENT (ART. 7 SBA)



# AFFILIATED ENTITIES (ART. 187 FR AND ART. 8 MGA)

- ❑ In HE there are no longer Linked Third Parties, but AFFILIATED ENTITIES (“AE”)
- ❑ Entities with a link with the BEN (*i.e legal or capital link*), neither limited to the action nor established for the sole purpose of its implementation.



## LEGAL/CAPITAL LINK COVERS:

- Permanent legal structures (e.g., the relationship between an association and its members)
- Contractual cooperation not limited to the action (e.g., a collaboration agreement for research in a particular field)



This covers not only the case of parent companies or holdings and their daughter companies or subsidiaries and vice-versa, but also the case of **affiliates between themselves** (e.g.; entities controlled by the same entity).

- ❑ Joint and several liability may be applicable (Annex 3a)
- ❑ Can charge costs and contributions (same as BEN)
- ❑ Included in Annex 2; and
- ❑ Taken into account for the **calculation of the grant**.

# EASA PARTICIPATION IN CAJU ACTIONS: LEGAL OPTIONS

- ❑ May be involved in the projects to provide its technical contribution in the form of action tasks, expertise and advisory services in the area of certification and other areas (Art. 71 SBA)
- ❑ Its participation and contribution is envisaged at call/topic level
- ❑ All proposals entering grant preparation should describe the requirements and the way to get to certification and possible EASA contribution/tasks

EASA may participate as follows:

**A) THIRD PARTY PROVIDING IKC (Art. 9.2 MGA)** – EASA’s *contribution* is paid under its “Fees & Charges” while the BEN should claim costs in the action under Art. 6.2.C.3 of the HE MGA



A “Model Service Contract” agreed by CAJU/EASA is available to support this cooperation model and costs classification

EASA’s IKC and **related budget** must be described in Annex 1

**B) BENEFICIARY** - carries out *action tasks*



# CAJU COOPERATION AGREEMENT



COOPERATION AGREEMENT MODEL UNDER FINALISATION  
(WG3 MEMBERS & CAJU)  
TO BE ADDED TO THE DOCUMENTS PACKAGE OF THE CALL

## LEGAL BASIS

Legal condition applicable to the call topics and to the funded projects - Part of the upcoming amended HE MGA Annex V

## PURPOSE

- ☐ Set out a **framework** for the exchange of information and/or data among CAJU-funded actions
- ☐ **Foster integration of results** from different projects towards programme downstream exploitation;
- ☐ **Support JU impact monitoring and boost synergies** across the whole programme

## HOW

Stakeholders' cooperation across the JU projects

## WHO

All consortia partners as stakeholders – JU not party

## WHEN

For Call 1: within **6 months** from GA signature → By the time call 2 GAs are signed, there will be a CAJU Cooperation Agreement in place to which call 2 participants will be requested to accede

## WHERE

**Operationalization** at action level: reporting on exchanges between connected actions

# HOW TO BECOME A CAJU MEMBER: CEI (Art. 7 SBA)

Expected applicant profile for becoming **CAJU Associated Member**:

- ☐ Strategic and long-term commitment to the SRIA/programme;
- ☐ Bring key capabilities to implement the SRIA/programme;
- ☐ Ability to engage on long-term financial and technical commitments (IKC, admin costs to the JU.)
- ☐ BENs in Call 1 and 2 may become AM for their committed IKC in Calls 1 and 2 to be counted for the Members' SBA IKC obligations (in case of selection and as from the date of signature the LoC)
- ☐ Synergies with national/regional programmes



# INTEGRATED APPROACH NEEDED – INCLUDING SYNERGIES WITH REGIONAL INITIATIVES





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# Admin & Financial Aspects of the Proposal Preparation phase



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➤ REGISTRATION AND VALIDATION OF LEGAL ENTITY

➤ PROPOSAL PREPARATION – ANNEXES BUDGET AND IKC




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# Registration and validation of your organisation

Participant Register

 Need help?

If you want to participate in a call for proposals or in a call for tenders with eSubmission, your organisation needs to be registered and have a 9-digit Participant Identification Code (PIC). Please quote your PIC in all correspondence with the Commission.

The register contains all participants of EU programmes.

### Is your organisation already registered? PIC search

Please check whether your organisation has already been registered. If so, no need to register it again.

Search a PIC

Search for a registered organisation

### Register your organisation

To register your organisation or as a natural person, you need to login into the Portal or, if you are a new user, create your account.

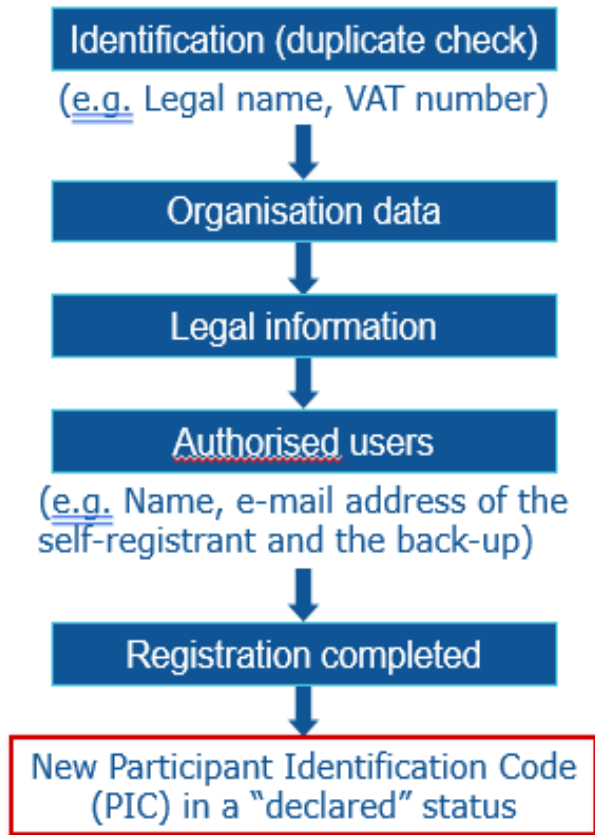
Check what information you need to register in the Online Manual - and keep it to hand during the registration procedure. To start registration, click on the button below.

Register your organisation

New registration

# Registration and validation of your organisation

## How to register in the Participant Register



Participant's Register

Need help?

1 Identification 2 Organisation Data 3 Legal Information 4 Authorised Users 5 Summary 6 Success

Identification

Legal name \* 340

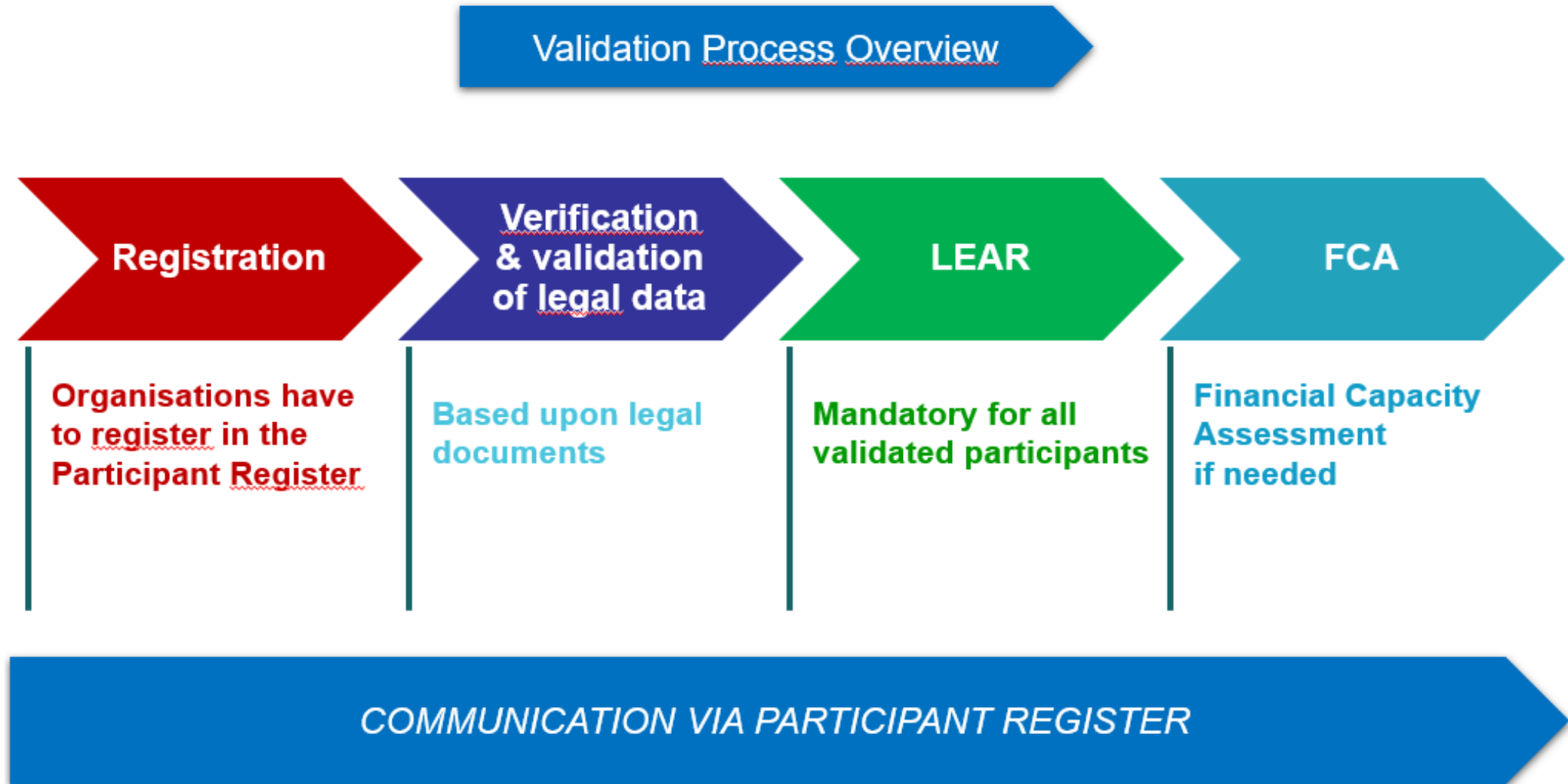
Registration country \* 2

Registration number \* 50

VAT number \* 20 not applicable

Review the Form Next

# Registration and validation of your organisation



# Registration and validation of your organisation

Registration data is verified by REA Central Validation Service and all data must be verified and validated before the signature of the Grant Agreement or Contract

Validation is always performed on the basis of supporting documents, in accordance with EU Financial Regulation and the Rules on Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment for EU Grants and Tenders

# Registration and validation of your organisation

Your **proposal** is **successful** => you will receive a notification and be asked to:

- ☐ provide supporting documents to confirm the administrative and legal information declared during the registration (**legal entity validation**)
- ☐ appoint a Legal Entity Appointed Representative (**LEAR appointment**) – **No grant signed without an appointed LEAR who will nominate LSIGN (Legal Signatories), FSIGN (Financial Signatories),...**
- ☐ provide supporting documents to verify the financial capacity of your organisation (**Financial Capacity Assessment**, if applicable)
- ☐ validate the bank account for payments (**bank account validation**, only for coordinators).

# Registration and validation of your organisation

## Financial Capacity Assessment (FCA)

- *Reference documents:*
  1. Rules on Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment for EU Grants and Tenders.
  2. Financial Regulation (2018/1046) arts. 196 and 198.
  3. Regulation (EU) 2021/695 H.E. (art. 27: financial capacity of applicants).
- FCA for *Coordinators* (and mono beneficiaries)  $\geq 500.000\text{€}$ .
- FCA if there are grounds to doubt the financial capacity of one applicant.
- *Exemptions:* Public bodies, international organisations and some natural persons.
- If the FCA must be checked, the entity will be contacted by the Central Validation Service via its PIC account in the Participant Register in the F&T Portal.





# Registration and validation of your organisation

## FCA results “Weak” or “Insufficient”

If the JU considers that the financial capacity is **not satisfactory**, they may :

- request that the applicant concerned is replaced or, if needed, reject the entire proposal;
- propose reduced pre-financing;

**or require**

- further information;
- an enhanced financial responsibility regime, i.e. joint and several responsibility of affiliated entities (see Annex G); and
- Pre-financing paid in instalments.



CLEAN AVIATION

➤ REGISTRATION AND VALIDATION OF LEGAL ENTITY

➤ PROPOSAL PREPARATION – ANNEXES BUDGET AND IKC



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# CAJU application form / Proposal Template: structure

## The applicants will submit a proposal, divided in several parts:

- **Part A: the administrative information** about the proposal and the participants.
- **Part B: the technical description of the proposal** (main aspects of the proposal to be evaluated i.e. summary budget, timeline, effort, work breakdown structure, risks according to the evaluation criteria (excellence, impact, evaluation). **PART B is subject to a 120-page limitation** (including the summary tables as requested under section 3 ) and must be prepared ***using the template downloaded from the system.***
- **Annexes to Part B:** detailed information on
  - Annex 1 - Consortium description (i.e. members of the consortium/other participants such as subcontractors, affiliated entities, third parties bringing in-kind contribution; operational capacity,...)
  - Annex 2 – Technical and Financial Management: Work Packages (detailed description of tasks and efforts), Cost breakdown per beneficiary.

**Applicant(s) should ensure coherence / consistency between Part A, Part B and Annexes.**  
**Applicant(s) shall complete Part A, Part B and Annexes to validate their application.**

# Budget requirements for Clean Aviation Proposal

- **Budget presentation in Part A:**

Part A is generated while entering the data into the Submission System of the Portal.

The budget table in Part A (in the electronic forms) presents only the budget's “bottom line” figures **for each partner for the entire project duration**, using a breakdown of the defined cost categories, as reflected in the image below.

## 3 - Budget

No.	Name of beneficiary	Country	Role	Personnel costs/€	Subcontracting costs/€	Purchase costs - Travel and subsistence /€	Purchase costs - Equipment/€	Purchase costs - Other goods, works and services/€ (Unit costs-usual accounting practices)	Indirect costs/€	Total eligible costs	Funding rate	Maximum EU contribution to eligible costs	Requested EU contribution to eligible costs/€	Max grant amount	Income generated by the action	Financial contributions	Other sources of funding - IKOP	Own resources	Total estimated income	IKAA

# Budget requirements for Clean Aviation Proposal

- **Budget presentation in Part B:**

The budget of the project is more elaborately presented in Part B section 3.1. It starts with the detailed information provided in the “Description of work” in each of the work packages (Table 3.1a and 3.1b). The information in these work packages serves as the main justification text for the budget request. Then this is complemented by the information provided in the following summary tables.

- *Table 3.1a - List of Work Packages;*
- *Table 3.1b - Work Package Descriptions (summary);*
- *Table 3.1c - Critical Risks for Implementation;*
- *Table 3.1d - Work Package Effort (summary);*
- *Table 3.1e - Budget Summary - Total Per Applicant and Work Package – Reconciliation\*;*
- *Table 3.1f - ‘In-Kind Contributions’\*;*
- *Table 3.1g - ‘In-Kind Contributions’ provided by Third Parties*

**Annex 2 to Part B -** *Cost breakdown per beneficiary.*

# Budget requirements for Clean Aviation Proposal

**Table 3.1e - Budget Summary - Total Per Applicant and Work Package – Reconciliation**

BUDGET SUMMARY - CLEAN AVIATION TOTAL PER APPLICANT AND WORK PACKAGE - RECONCILIATION																		
CALL TOPIC ID Code:																		
PROPOSAL ACRONYM:																		
Company Name of Coordinator: (i.e. Applicant 1)																		
Duration of the activity from:						to:												
in Euros																		
NEW																		
APPLICANT							ELIGIBLE DIRECT COSTS					E. INDIRECT COSTS 25% flat rate	TOTAL ELIGIBLE COSTS	MAX JU CONTRIBUTION (7)=(6)*Fundig rate	IKOP (In Kind contribution to operational activities)	TOTAL Project Costs (9)	IKAA intrinsic	
n°	Short Name	Type of membership to CAJU	Organisation	Organisation PIC	Non profit entity (Y / N)	Funding rate 70% / 100%	A. PERSONNEL	B. SUBCONTRACTING	C. PURCHASE COSTS	D. OTHER COSTS CATEGORIES	TOTAL (4)	(5)=(4-2)*25%	(6)=(4+5)					
1			APPLICANT 1		N	70%	100,000	0	50,000	0	150,000	37,500	187,500	131,250	56,250	200,000	50,000	
2			APPLICANT 2		N	70%	0	100,000	0	0	100,000	0	100,000	70,000	30,000	100,000	0	
3			APPLICANT 3		Y	100%	0	0	0	100,000	100,000	25,000	125,000	125,000	0	150,000	50,000	
4			APPLICANT 4		N	70%	100,000	0	0	100,000	200,000	50,000	250,000	175,000	75,000	250,000	50,000	
5			APPLICANT 5		N	70%	100,000	100,000	0	100,000	300,000	50,000	350,000	245,000	105,000	400,000	100,000	
6			APPLICANT 6		N	70%	100,000	0	0	100,000	200,000	50,000	250,000	175,000	75,000	300,000	100,000	
7			APPLICANT 7		N	70%	100,000	0	0	0	100,000	25,000	125,000	87,500	37,500	200,000	100,000	
8			APPLICANT 8		N	70%	100,000	0	0	0	100,000	25,000	125,000	87,500	37,500	200,000	100,000	
9			APPLICANT 9		N	70%	50,000	0	0	0	50,000	12,500	62,500	43,750	18,750	100,000	50,000	
10			APPLICANT 10		N	70%	50,000	0	0	0	50,000	12,500	62,500	43,750	18,750	100,000	50,000	
TOTAL							700,000	200,000	50,000	400,000	1,350,000	287,500	1,637,500	1,183,750	453,750	2,000,000	650,000	
WORK PACKAGE (AS DEFINED IN Part A)							ELIGIBLE DIRECT COSTS											
WP ref. N°			WP title				A. PERSONNEL	B. SUBCONTRACTING	C. PURCHASE COSTS	D. OTHER COSTS CATEGORIES	TOTAL (4)							
WP x		100000					500,000	0	25,000	100,000	625,000							
WP y		100000					50,000	200,000	0	100,000	350,000							
WP z		100000					50,000	0	25,000	100,000	175,000							
WP a		100000					100,000	0	0	100,000	200,000							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
							0	0	0	0	0							
TOTAL							700,000	200,000	50,000	400,000	1,350,000							



### Table 3.1f - 'In-Kind Contributions'



CLEAN AVIATION

# Budget requirements for Clean Aviation Proposal

**Table 3.1g - ‘In-Kind Contributions’ provided by Third Parties**

Participant Number/Short Name			
Third party name	Category	Cost (€)	Justification
	Select between		
	Seconded personnel		
	Travel and subsistence		
	Equipment		
	Other goods, works and services		
	Internally invoiced goods and services		
	Select between		
	Seconded personnel		
	Travel and subsistence		
	Equipment		
	Other goods, works and services		
	Internally invoiced goods and services		

# Budget requirements for Clean Aviation Proposal

## Annex 2 to Part B - Table 2.3 “Cost breakdown per beneficiary”

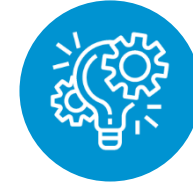
COST BREAKDOWN PER BENEFICIARY - CLEAN AVIATION					
BENEFICIARY NAME		BENEF - Short Name		PIC	
STAFF RESOURCES/ A - PERSONNEL COSTS					
WP	TOTAL PM (Person Month) PLANNED	Description of UoR			TOTAL PERSONNEL COSTS PLANNED (euros)
					100,000
					50,000
					25,000
TOTAL	0.00				175,000
B - SUBCONTRACTING / 3RD PARTY					
WP	Description				TOTAL PLANNED (in euros)
					75,000
					75,000
					75,000
					75,000
TOTAL					300,000
C - PURCHASE COSTS					
WP	Description	DEPRECIATION OF EQUIPMENT	TRAVELS	OTHER GOODS AND SERVICES	TOTAL PLANNED (in euros)
	machine	25,000			25,000
					0
	conference		25,000		25,000
					0
	materials			25,000	25,000
					0
TOTAL		25,000	25,000	25,000	75,000
D - OTHER COSTS CATEGORIES					
WP	Description	Financial support to third parties	Internally invoiced goods and services	Others	TOTAL PLANNED (in euros)
		15,000	15,000	15,000	45,000
					0
					0
TOTAL		15,000	15,000	15,000	45,000
ADDITIONAL EXPLANATIONS IF NECESSARY					
Personal costs:					
Subcontracting:					
Purchase costs:					
Other cost categories:					
SUMMARY OF PLANNED DIRECT COSTS					
		PLANNED COSTS			
A - PERSONNEL COSTS		175,000			
B - SUBCONTRACTING		300,000			
C - PURCHASE COSTS		75,000			
D - OTHER COSTS CATEGORIES		45,000			
TOTAL DIRECT COSTS		595,000			
INDIRECT COSTS		150,000			
TOTAL COSTS		745,000			
Applicants are requested to mention the estimated actual indirect costs to give the full picture of the costs planned.					
Remark: Under Horizon Europe grants, indirect costs are reimbursed as a flat rate of 25% of eligible direct costs (categories A-D, except volunteers costs, subcontracting costs, financial support to third parties and exempted specific cost categories, if any)					

# Budget requirements for Clean aviation proposal

## Consequences for budget planning and structure:

- **Total costs must match** between the tables per cost category (structured) and per work package (unstructured financial information)
- **In case of divergences** the information in the budget per cost category in the structured data (Part A) will prevail
- **Plan and prepare your accounting and reporting:** any cost foreseen to be claimed for reimbursement in the future must be clearly attributable under both approaches (cost categories and work packages)
- The eligible direct costs for each costs category must be established based on the **rules and provisions of the HE Model Grant Agreement**, in particular art. 6 and Annexe 2 (budget)
- **IKOP is automatically calculated** as a difference between the Total Eligible costs (TEC) and the Maximum JU contribution

# Corporate structure of the HE MGA



Chapter 3 - Art. 6: eligible costs

Core  
Part

## Datasheet

a summary of the specific data of the grant agreement

## Articles

grouped in six chapters

1. General Data
2. Participant
3. Grant
4. Reporting, payment and recoveries
5. Consequences of non-compliance, applicable law and dispute settlement forum
6. Specific rules Annex 5 & Standard time-limits after project end

**Chapter 1** – General (Articles 1-2)  
**Chapter 2** – Action (Articles 3-4)  
**Chapter 3** – Grant (Articles 5-6)  
**Chapter 4** – Grant Implementation (Articles 7-26)  
**Chapter 5** – Consequences of non-compliance (Articles 27-35)  
**Chapter 6** – Final provisions (Articles 36-44)

# MAIN FINANCIAL ASPECTS UNDER CLEAN AVIATION (HORIZON EUROPE)

## Funding rate

Similar to CS2  
70% / 100%

## Personnel costs

Corporate  
daily rate

## Indirect costs

Overall continuity  
with 25% flat-rate  
(with exceptions)

## CFS Thresholds

Higher thresholds

## Unit costs and lump sums

Wider use  
(not for Call 2)

## IKOP reporting

Simplified  
calculation based  
on Total eligible  
costs

## IKAA reporting

Enlarged definition  
of AA (ref. SBA  
art.62)

## Other provisions

E.g. assets under  
construction, In  
kind  
contributions, etc

## Internal Invoicing

Actual indirect  
costs





Thank you for your  
participation !



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