



Call for expression of interest for the selection of Members of the Scientific Committee of the Clean Sky 2 Joint Undertaking

CEI-02--SciCom-2017

1. Introduction

The Clean Sky 2 Joint Undertaking (CS2JU) is a public-private partnership between the European Commission and the European Aviation Industry Stakeholders. The CS2JU is established under EU Council Regulation No 558/2014 of 6th May 2014¹ (hereinafter referred to as “the CS2JU Regulation”) for a period up to 31.12.2024. The CS2JU implements a Joint Technology Initiative aiming at developing low environmental impact technologies for the Air Transport system in line with the Strategic Research Agenda for Aeronautics. The CS2JU is in charge of the management of two programmes: the Clean Sky Programme under the Seventh Framework Programme (2008-2017) which finished in 2016 and Clean Sky 2 Programme under the H2020 (2014-2024) which is under implementation.

Clean Sky 2 is an objective-driven Programme targeting the environmental impact of the Air Transport System by reducing CO₂ and NO_x emissions, noise and fuel consumption; the support to European global leadership in aeronautics through a continuously improved competitiveness and a contribution to an enhanced mobility for European citizens. It will deliver full scale ground and in-flight demonstrators across the main flying segments and subsystems for fast and effective introduction of new technology in the next generation of aircraft and also prepare the longer term beyond 2030.

Clean Sky 2 is the largest European research programme in Aeronautics ever. The Public Private Partnership will speed up technological breakthrough developments and shorten the time to market for new solutions tested on Full Scale Demonstrators. The budget of the Clean Sky Programme was EUR 800 million of public funding, matched by the same amount of private contributions. The Clean Sky 2 Programme will engage up to EUR 1755 million of public funding for the period 2014-2024 and a total budget close to EUR 4000 million, including the private contributions.

The Clean Sky Programme was organized through 6 platforms called “Integrated Technology Demonstrators” (ITDs): “Smart Fixed-Wing Aircraft”, “Green Regional Aircraft”, “Green Rotorcraft”, “Sustainable and Green Engines”, “Systems for Green Operations”, “Eco-Design”, supported by a “Technology Evaluator”.

The Clean Sky 2 Programme is organized through 3 technological platforms: Airframes, Engines and Systems (still called ITDs) and 3 aircraft platforms: “Large Passenger Aircraft”, “Regional Aircraft” and “Fast Rotorcraft” (called “Integrated Aircraft Demonstration

¹ OJ L 169/77 of 7 June 2014



Platforms”, IADPs), complemented by 3 transverse areas (TAs): “Small Air Transport”, “Eco-Design” and a “Technology Evaluator”.

For further information please consult the following web site: <http://www.cleansky.eu>.

2. Aim of the call

Article 13 of the Statutes annexed to the CS2JU Regulation calls for the setting of an advisory body, the Scientific Committee (hereinafter referred to as “the SciCom”), composed of up to 12 Members with the tasks of advising on the scientific priorities to be addressed in the work plans and on the scientific achievements described in the annual activity report.

The SciCom was set up by the CS2JU with the appointment by the Governing Board of October 2014 with a mandate of 3 years. Considering the expiry of the mandate on 31 December 2017, the CS2JU is hereby launching a call for expression of interest to select the Members of the SciCom and renew its composition for a duration as from 1 January 2018 to 31 December 2020 with a possible extension for a limited period, where required.

The convening of the first meeting of the SciCom is expected at beginning of 2018.

3. Terms of reference of the SciCom

a. Introduction

In accordance with Article 13 of the Statutes, the Members of the SciCom shall reflect a balanced representation of worldwide recognised experts from academia, industry and regulatory bodies. Collectively, the Members of the SciCom shall have the necessary scientific competencies and expertise covering the technical domain needed to make science-based recommendations to the CS2JU.

The SciCom shall mainly be composed of high-level scientists and engineers. Its purpose is to focus on the scientific and technical analysis of the outcome of Clean Sky 1 and the implementation of Clean Sky 2 Programmes from different perspectives: environmental impact, technology and scientific forecast, societal impact and economics.

It shall meet at least twice a year. Extraordinary meetings can be called by the Governing Board or the Executive Director of the CS2JU. It shall provide independent recommendations concerning the scientific, technological and managerial issues of the Programmes.

The SciCom shall elect a chairperson from among its Members and may, with the agreement of the chairperson, invite other persons to attend its meetings. The SciCom shall adopt its own rules of procedure.

Its activities shall concern the outcome of the Clean Sky 1 Programme and the Clean Sky 2 Programme under H2020, based on the applicable documents.

According to the CS2JU Statutes, the Chairperson of the SciCom may be entitled to participate as an observer to the meetings of the CS2JU Governing Board, according to the



agenda, and to take part in its deliberations but without voting rights. The agenda of the Governing Board will be sent by its Chairman to the SciCom Chairman.

b. Mandate and tasks of the Members of the SciCom

The SciCom will be requested to provide opinions, recommendations and advice on:

- the global consistency of each part of the Clean Sky 2 Programme: schedule, critical milestones, interfaces, based on the CS2JU Development Plan and the Work Plans;
- the consistency between the outcome of the Clean Sky 1 Programme and the Clean Sky 2 Programme;
- the status of the Programmes with respect to its objectives (e.g. environment, competitiveness, mobility);
- the updates and level of achievement of the Clean Sky 2 Programme targets, following possible evolution in the technical content;
- the innovative content of the Clean Sky 2 Programme and actions performed;
- major changes in technological content, demonstrators or schedule;
- the socio-economic impact of the Joint Technology Initiative;
- any scientific or technical issue on which the Executive Director or the Governing Board of the CS2JU may request advise on.

The Members of the SciCom will be involved as independent experts in:

- the Projects launch reviews, at the start of each Demonstrator or Technology Stream;
- the ITD/IADP/TA annual reviews;
- reviews focused on a particular project or transverse issue, in accordance with their areas of competence.

The estimated workload of a SciCom Member is estimated to be in the range of 25-30 working days per year.

4. Eligibility and selection criteria

This call for expression of interest is open in terms of eligibility to any individual person of any nationality. The candidates will be selected based on the selection criteria set forth below:

1. university degree in a relevant scientific area, preferably at post-graduate level;
2. senior, high-level experience of at least 15 years in academic research, applied research, technology engineering or economics;
3. wide knowledge and experience of the aeronautical sector and/or Air Transport System;
4. outstanding skills in one or several scientific or technical areas involved in aeronautics or in socio-economic aspects of aviation;
5. record of previous participation in other scientific and/or technological advisory bodies or regulatory bodies demonstrating the ability to look for consensus and to provide synthetic, wide-spectrum analyses;



6. full independence from the CS2JU stakeholders;
7. very good command of written and spoken English.

The Members of the SciCom appointed under the mandate of the years 2014-2017 are eligible to apply to the present call for expression of interest and, if selected, may be reappointed by the Governing Board.

EU staff under active employment, including external staff working for the EU, staff of the Joint Research Centre, Government officials and of national, regional or local authorities are not eligible.

Persons who are employed by an organisation that is a private member of CS2JU (Leader or Core Partner) are not eligible.

The CS2JU reserves the right to request any additional documentary evidence if it deems necessary in order to verify the applicants' eligibility, skills and knowledge and the absence of conflict of interest.

Please note that it is the responsibility of the applicant to inform the CS2JU immediately of any changes to their administrative and technical profile which would result in a change to their original application.

5. Application procedure

In order to evaluate the applicants' technical and professional skills and knowledge against the above set selection criteria, applicants are required to submit to the CS2JU the following set of documents:

- curriculum vitae;
- copy of diplomas and relevant certificates;
- signed letter of motivation providing an overview of the areas of technical expertise and experience in the field, the ability to perform the tasks as mentioned above, and motivations related to the performance of the assignment. The letter should also contain a declaration on any potential conflict of interest in relation to CS2JU stakeholders and areas of activities which may undermine the independent performance of the tasks²;

6. Deadline for submission of applications

Applications must be sent by email to: monica.sala@cleansky.eu, *by 30 November 2017*. The title and exact reference of the call for expression of interest should be indicated in the subject of the e-mail.

² See section 10: The selected candidates will be also requested to sign a declaration of interest upon taking up of duties.



7. Selection of applications

The selection will be made by an evaluation panel composed of the Executive Director of the CS2JU, 2 Heads of Units of the CS2JU and 3 representatives of the Governing Board of the CS2JU.

The selection panel will assess and score each candidate against the selection criteria set out in section 4 and will establish a shortlist of candidates to be proposed for appointment by the Governing Board, taking also into consideration the candidates proposed by the “States Representatives Group” of the CS2JU in accordance with Article 13.3 of the Statutes. All candidates shall follow the application process as described above in order to apply. A reserve list will also be established.

The CS2JU applies a policy of equal opportunities and accepts applications without discrimination on any grounds.

The Executive Director of the CS2JU will present the results of the selection process to the Governing Board which will be responsible for the appointment. The selection procedure of the SciCom Members and appointment by the Governing Board is expected to be completed by mid-December 2017.

The selected candidates will be officially informed by a letter of the Executive Director. In the letter their written acceptance as well as confirmation of the absence of conflict of interest, as per the declaration signed earlier, will be sought.

The current SciCom composition will remain in operation until the appointment of the new one in order to ensure continuity.

The SciCom Members, in the performance of their assignments under the SciCom mandate, will be subject to the rules on appointment, reimbursement of costs and allowances, applicable to the external experts in accordance with the rules of the European Commission.

8. Other information

No correspondence will be exchanged on the status of the applications except in the case of a positive or negative final decision. Applicants are therefore formally requested not to enquire about the progress of their application neither by email, telephone or fax, nor by letter.

9. Confidentiality and dissemination

For each task they will be called to perform, the appointed SciCom Members shall demonstrate appropriate ethical conduct, absence of conflict of interest and must respect the confidentiality of the information and documents to which they will have access. SciCom internal documents or reports shall be confidential. The Executive Director of the CS2JU will decide on any external dissemination of the SciCom documents and outputs.



Specific clauses to this effect are included in and/or annexed to the experts' model contract. Each SciCom Member shall also sign an individual non-disclosure agreement prior to the start of his/her SciCom activities.

10. Absence of conflict of interest

In order to ensure the independence of the SciCom in the performing of its mandate, the Members of the SciCom are subject to the rules and obligations under Articles 3, 4, 5, 7, 8 and 9 of the CS2JU rules on the prevention and management of conflict of interest applicable to the bodies of the CS2JU, adopted by the Governing Board on 16th June 2016. In accordance with these rules, the selected SciCom Members shall sign upon appointment a declaration of absence of conflict of interest which will be recorded in a registry managed by the CS2JU.

Applicants shall indicate already at the application stage in the cover letter their direct or indirect involvement (if any) in any of the stakeholders participating in CS2JU and activities managed by the CS2JU and to confirm in written such information before taking up any assignment that they will be requested to perform under the SciCom mandate.

11. Start of the assignment

The first meeting of the SciCom is planned to take place in the first quarter of 2018.

12. Protection of personal data

The CS2JU will ensure that candidates' personal data are processed as required by Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18.12.2000³ on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. This applies in particular to the confidentiality and security of such data. Please refer to the Privacy Statement published on the CS2JU's website: <http://www.cleansky.eu>.

³ Official Journal of the European Communities L 8 of 12.01.2001)