



# FUSION FOR ENERGY

The European Joint Undertaking for ITER and the Development of Fusion Energy

THE GOVERNING BOARD

## **Call for expressions of interest for external experts to be appointed to the Technical Advisory Panel of Fusion for Energy**

### Summary

**Fusion for Energy, the European Union's Joint Undertaking for ITER and the Development of Fusion Energy, is organising a call for expressions of interest to appoint new member(s) of its Technical Advisory Panel.**

#### **1. Fusion for Energy**

Fusion for Energy (F4E) is the European Union's Joint Undertaking for ITER and the Development of Fusion Energy. The main task of F4E is to provide Europe's contribution to ITER, an international project which aims to demonstrate fusion as a viable and sustainable source of energy.

F4E was established on 19<sup>th</sup> April 2007 and has its headquarters in Barcelona, Spain. The tasks of F4E are as follows:

- (a) to provide the contribution of the European Atomic Energy Community (Euratom) to the ITER International Fusion Energy Organisation;
- (b) to provide the contribution of Euratom to Broader Approach Activities with Japan for the rapid realisation of fusion energy;
- (c) to prepare and coordinate a programme of activities in preparation for the construction of a demonstration fusion reactor and related facilities including the International Fusion Materials Irradiation Facility (IFMIF).

#### **2. The Role and Composition of the Technical Advisory Panel**

The Technical Advisory Panel (TAP) assists the GB and F4E Director in engineering, scientific and technological matters related to ITER, the Broader Approach and preparations for demonstration fusion reactors (hereinafter "DEMO"), in particular by:

- (a) Preparing opinions and recommendations on the objectives and content of the project plan, work programme and their possible revisions;
- (b) Monitoring the technical implementation of the project plan and work programmes and providing reports to the GB at appropriate intervals;

- (c) Promote coherence with the activities of the Associations, in particular, within the frame of the European Fusion Development Agreement (EFDA);
- (d) Providing advice or recommendations on specific engineering, scientific and technological issues upon request of the F4E Director or the GB;
- (e) Performing any other functions as may be delegated to the by the GB.

The TAP is composed of 13 members appointed by the GB from among persons of recognised standing and professional experience in engineering, scientific, and technical matters relevant to ITER, the Broader Approach and DEMO (see [here](#) for further information).

The term of office for members of the TAP is two years renewable. The TAP Chair and Vice-Chair are appointed by the GB for a period of two years, renewable once and the former is expected to attend meetings of the GB.

Rule 1 of the TAP's rules of procedure stipulates that the TAP members shall not be bound by any instructions and that they shall be completely independent in the performance of their duties, in the general interest of F4E.

The TAP meets around three times per year usually at the headquarters of F4E in Barcelona, Spain.

All documents and reports of the TAP are in English, which is the working language of the TAP.

### **3. Purpose of the Call for Expressions of Interest**

Six TAP Members have completed a four-year appointment and the bi-annual renewal procedure should be completed by the end of the year. F4E is therefore publishing this call for expressions of interest to establish a reserve list from which the replacement TAP members may be appointed by the GB and be ready to start their participation in 2020.

### **4. Selection Criteria**

The GB is inviting expressions of interest from:

**Experts of recognized standing and professional experience in engineering, scientific, and technical matters relevant to ITER, the Broader Approach and DEMO in particular for one or more of the following areas:**

- **Mechanical engineering and engineering analysis;**
- **Materials and nuclear aspects/neutronics;**
- **Fuel cycle;**
- **Heating and current drive systems; General machine systems and operations.**

**Other areas of interest include:**

- **Civil engineering;**
- **Tokamak machine design;**
- **Superconducting cables and magnets;**
- **Nuclear pressure vessels;**

- **Complex welded structures;**
- **Components subjected to high heat loads;**
- **Remote handling systems;**
- **Plasma diagnostics;**
- **Plasma engineering;**
- **Instrumentation & data acquisition;**
- **Materials testing;**
- **Nuclear safety;**
- **Tritium technology;**
- **Cryogenic technology;**
- **Vacuum technologies and components.**

In order for TAP to be able to cover an as broad as possible field of expertise, applications shall be submitted to a comparative process carried out by the GB's selection committee described below in particular on the basis of the following selection criteria:

- An in-depth knowledge and experience of at least one of the above-mentioned areas will be considered essential;
- A Ph.D. or equivalent post-graduate qualification in engineering, physics or equivalent will be considered advantageous;
- Knowledge of technical and engineering aspects of the ITER project and of related activities will be considered advantageous;
- Professional experience in a multidisciplinary environment, preferably in an international context will be considered to be advantageous;
- Very good proven written and oral communication skills in English and experience of participation in meetings of experts and committees will be considered essential.

## **5. Selection Process**

A selection committee established by the GB, chaired by the GB Chair or Vice-Chair and also composed of the TAP Chair and Vice-Chair, will review the expressions of interest and draw up a short list of the most suitably qualified experts that are deemed to adequately possess qualities referred to in the previous paragraph. The short list will be drawn up to cover, as far as possible, in a balanced way the needed competences, and will be transmitted to the GB.

## **6. Appointment, terms and reserve list**

In accordance with Article 6(3)(q) of the Statutes annexed to the Council Decision (Euratom) No 198/2007, the GB will appoint the TAP members, Chair and Vice-Chair by simple majority from among those experts in the short-list. TAP members are appointed by the GB in a personal capacity and therefore cannot delegate their responsibilities to another member or a third party.

Experts who are not appointed as members of the TAP nor discarded in the selection may be retained on a reserve list at the discretion of the GB. The experts on this reserve list may be invited to fill any vacancies that arise. However, inclusion in the reserve list does not create an entitlement to become a member of the

TAP. The reserve list shall be valid for a period of two years from its approval; its validity can be extended until a new call for expressions of interest is published.

## **7. Reimbursement of Expenses**

Travel and hotel accommodation costs incurred by members of the TAP in connection with meetings relating to their mandate shall be reimbursed. TAP members shall also be entitled to a daily subsistence allowance which currently stands at EUR 88 per day (for Spain).

## **8. Independence and declarations of commitment and interest**

The appointment of TAP members shall be subject to the provision of declarations where they commit to act independently of any external influence and to be guided by the interest of F4E and to comply with rules of confidentiality. To this effect, prior to commencing their participation, TAP members shall provide the declarations laid down in the [GB's decision F4E\(15\)-GB32-16.2 of 9<sup>th</sup> June 2015 on confidentiality, independence, preventing and managing conflicts of interest](#).

## **9. Handling of personal data in the context of this call for expressions of interest**

Procedures for the handling of all personal information on candidates are set out in the Annex.

## **10. Application procedure**

Applicants are invited to submit a one-page letter expressing their interest accompanied by a CV. The model European CV (recommended) can be downloaded [here](#).

Applications shall be submitted no later than **17h00 on 2 November 2019** (the date of receipt shall be taken as a proof). Applications are to be sent via e-mail to the following address:

[TAP-Candidates@f4e.europa.eu](mailto:TAP-Candidates@f4e.europa.eu)

Applications submitted after the abovementioned deadline or via other means (e.g. via post or fax) shall not be taken into account. Unclear or incomplete applications shall not be considered.

All communication with applicants concerning this call for expressions of interest will be in English.

Applicants must keep the GB Secretariat ([Romina.Bemelmans@f4e.europa.eu](mailto:Romina.Bemelmans@f4e.europa.eu)) informed in writing of any change in their situation or address without delay, so that their application may be kept up to date.

All candidates applying to this call for expressions of interest shall be informed without delay by email about the outcomes of the selection and appointment process.

## 11. Privacy Notice

### **ANNEX:** **PRIVACY NOTICE ON PERSONAL DATA PROTECTION REGARDING** **THE CALL FOR EXPRESSIONS OF INTEREST FOR EXTERNAL EXPERTS TO BE APPOINTED** **TO THE TECHNICAL ADVISORY PANEL OF FUSION FOR ENERGY**

The objective of this Notice is to inform you about the collection and processing of your personal data in line with the applicable Data Protection Regulation 2018/1725<sup>1</sup>

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#### **1. Why does F4E process my personal data? Whose data is processed?**

The purpose of the processing is to organise a selection of up to 13 TAP members, a Chair and Vice-Chairs and to establish a reserve list - all personal data shall be processed solely for this purpose.

#### **2. What is the justification for the processing?**

Processing of your data is necessary for the **performance of F4E tasks** on the basis of the F4E founding instrument or other legal instrument adopted on the basis thereof or for compliance with a specific legal obligation F4E is subject to.

It is based on:

- Council Decision of 27 March 2007 “establishing the European Joint Undertaking for ITER and the Development of Fusion Energy and conferring advantages upon it” - 2007/198/Euratom, as last amended by Council Decision of 10 February 2015 (2015/224 Euratom), O.J. L 37, 13.2.2015, p.8, in particular Article 6 thereof;

- Statutes annexed to the Council Decision (Euratom) No 198/2007 “establishing the European Joint Undertaking for ITER and the Development of Fusion Energy and conferring advantages upon it”, as last amended on 10 February 2015, in particular Article 10 thereof;
- GB Decision of 8th March 2011 concerning the procedure for the appointment of new Executive Committee and TAP members Ref.: F4E (11)-GB19-Summary.

#### **3. Which data is F4E processing?**

The process concerns the management of personal generic data that is requested to be provided in a Motivation Letter and CV, the latter recommended to follow the model European CV. Candidates are free to give their data on a voluntary basis (e.g. surname, first name, date of birth, gender, address, email address, nationality).

#### **4. To whom are my data disclosed?**

The following people have access to your personal data:

- Chair of the GB, Vice-Chair and Members of the GB;

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<sup>1</sup> Regulation 2018/1725 of 23 October 2018 “on the protection of individuals with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data”. O.J 21.11.2018, L295/39. This Privacy Notice is in line with Article 14 and 15 of this Regulation (Principle of Transparency).

- Chair of the TAP;
- Vice-Chair of the TAP;
- Secretary of the GB;
- Secretary of the TAP;
- Governing Board Secretariat Staff
- ICT Officer responsible for the dedicated database, if necessary for technical support.

The personal data of the shortlisted individuals shall then be transmitted to the officially nominated Representatives of the GB Members (EU Member States, Switzerland and Euratom). The personal data shall be marked as “Restricted” and the recipients shall be asked to comply with the declarations they have signed concerning confidentiality;

Also, only if appropriate and necessary, for monitoring or inspection tasks, access may be granted to:

- Director of F4E
- Head of Admin
- Head of the Legal Service Unit, and/or responsible Legal Officer
- F4E DPO and Anti-Fraud & Ethics Officer
- IAC / IDOC

The names of the TAP Chair, Vice-Chair and members appointed by the GB shall be published on F4E’s website and in F4E’s Annual Report.

**5. How long does F4E store my data?**

The personal data of those persons who are not shortlisted shall be discarded one year after the selection process closes. The personal data of those persons who are shortlisted but not appointed by the GB shall be retained in a reserve list for an initial period of two years and afterwards, for two years from the day of the expiry of the reserve list validity. In the case of successful candidates: data will be kept for five years following the expiry of the mandate of the TAP member.

Processing of the personal data shall commence on the date of the closure of this call for expressions of interest.

**6. Does F4E intend to transfer my data to third countries or International Organizations?**

F4E does not intend to transfer data to third countries or international organizations for the purpose of this call for expression of interest.

**7. What are my rights in relation to my data and how can I exercise them?**

You have the right to access your personal data, to correct any inaccurate or incomplete data, to request restriction or erasure, or to object to the processing,

pursuant to Articles 14(3) and 17-23 of Regulation 2018/1725.

Any request to exercise one of those rights should be directed to [TAP-Candidates@f4e.europa.eu](mailto:TAP-Candidates@f4e.europa.eu). Where you wish to exercise your rights in the context of one or several specific processing operations or files, please provide their description and reference(s) in your request.

Exceptions based on Article 25 of Regulation 2018/1725 may apply.

**8. Contact details of the Data Protection Officer**

You may contact the Data Protection Officer (DPO) of F4E ([DataProtectionOfficer@f4e.europa.eu](mailto:DataProtectionOfficer@f4e.europa.eu)) with regard to issues related to the processing of your personal data under Regulation 2018/1725.

**9. Right of recourse**

You have the right to have recourse to the European Data Protection Supervisor ([edps@edps.europa.eu](mailto:edps@edps.europa.eu)), if you consider that your rights under Regulation (EU) 2018/1725 have been infringed as a result of the processing of your personal data b