



**FUSION  
FOR  
ENERGY**



# Open Call for Fusion for Energy Technology Transfer Demonstrator Proposals 2026

## General information and instructions

To promote the use of fusion technologies and make them commercially viable in the market, Fusion for Energy with the support of VIROMII Innovation (VIROMII) launches an Open Call for Technology Transfer Demonstrator Proposals based on Technologies developed under Fusion for Energy activities. This Open Call supports the integration of fusion solutions in the market. This document describes the general information and rules of participation.

**Miguel Estruch Soler – Technology Transfer Broker – [brokers@viromii.com](mailto:brokers@viromii.com)**

**Carmen Casteras – F4E Intellectual Property & Technology Transfer Officer  
[technologytransfer@f4e.europa.eu](mailto:technologytransfer@f4e.europa.eu)**

# Summary

- 1. Information about the Call ..... 4
- 2. Formal requirements, evaluation process and criteria ..... 5
  - 2.1. Formal requirements..... 5
  - 2.2. Evaluation process ..... 5
  - 2.3. Evaluation criteria ..... 6
- 3. Instruction for Proposals ..... 7
  - 3.1. Length and language of proposals..... 7
  - 3.2. Submission of the proposals..... 7
  - 3.3. Content of proposals..... 7
- 4. TECHNOLOGY TRANSFER DEMONSTRATOR AGREEMENT..... 11

# Introduction

Fusion for Energy (F4E) is the European Union organisation managing Europe's contribution to ITER— the biggest scientific experiment on the path to fusion energy. F4E's mission is to bring fusion, the energy of the Sun and the stars, to Earth. To do so, F4E is working closely with industry and research organisations to provide the infrastructure and the components of the biggest fusion device in the world.

- F4E Technology Transfer Programme has established initiatives for fusion technologies and skills to be identified and adapted for commercially viable products/services. It aims to identify the business potential of fusion technologies, facilitate their commercial use, and promote their transfer within the European industry.
- The Technology Transfer Programme is open to all companies and organisations looking for new business opportunities based on technologies developed under F4E activities (ITER project, IFMIF, IFERC, JT-60SA, Technology Development Programme).
- As part of the efforts to promote the use of fusion technologies, know-how and skills, F4E with the support of VIROMII is launching an Open Call for Technology Transfer Demonstrator Proposals.

Through this Call, VIROMII and F4E invite companies and organisations to submit proposals for demonstrator projects aiming at the further use/further development/adaptation of a technology, know how or skill developed under F4E activities to launch a new or improved product or render a service in the market. The Call allows entities from the fusion sector (F4E's Industrial Partners) and the non-fusion sectors established in the EU or Switzerland to submit proposals. Projects where the technology transfer case is intended to occur between different business lines of a company are also eligible for this Open Call for proposals.

# 1. Information about the Call

A proposal for a Technology Transfer Demonstrator project (Demonstrator Proposal) shall present a workplan showing how the candidate intends to tackle the challenges of further using a technology, know-how, or skill developed under F4E activities in the market. The Demonstrator Proposal may refer to the development and testing of new hardware, manufacturing processes, software, technical solutions developed under F4E activities (the ITER project, IFMIF, IFERC, JT-60SA, Technology Development Programme) and with the objective of being effectively used in the market.

Priority is given to projects where there is a clear commercial application with potential customer(s) identified.

**The application period runs between 15th April 2026 and 31st of July 2026.**

**The Evaluation Board of the Call for proposals will select a maximum of two projects to be funded up to a maximum amount of 50,000 EURO per project.**

## 2. Formal requirements, evaluation process and criteria

*This section is meant to inform Applicants of the selection process and evaluation criteria*

### 2.1. Formal requirements

The Call is open to EU and Swiss companies and organisations presenting a project where a technology or know-how developed under an F4E project (ITER project, IFMIF, IFERC, JT-60SA, Technology Development Programme) is proposed to be used in the market.

The application foreseen shall not promote activities, or be related to the military, alcohol, tobacco, religion, politics, intolerance, violence, firearms, pornography, obscenity, gambling or illegal drugs.

The Application shall be submitted in the English language.

The Applicant must be an entity registered in an F4E Member State (EU and Switzerland).

The Applicant is invited to present the planning limited to 12 months starting on the Technology Transfer Demonstrator Project Contract signature date.

### 2.2. Evaluation process

Applicants are invited to submit their proposals to this Call any time before the deadline specified in the present document.

The applications will be evaluated after the closing date of the application period. Applicants may be contacted by VIROMII within the application period and/or after the closing date of the application period to confirm/clarify information.

An Evaluation Board consisting of F4E, European Commission and EUROfusion will evaluate the proposals towards the award criteria.

VIROMII, after the closing date of the application period and before the selection of the proposal(s), may contact the Applicant on behalf of the Evaluation Board to confirm details of the information provided by the Applicant and may ask the Applicant to do a presentation of its proposal to the Evaluation Board.

Once the application period is closed, the evaluation and the selection will be completed within the next months. The announcement of the award of the funded demonstrator project(s) will be published on the [European Fusion Technology Marketplace](#) and communicated to the winners.

Upon receiving notice that the application has been unsuccessful, the Applicant may request VIROMII to indicate them orally the reasons why the application was unsuccessful. The decision on the result of the application will be without appeal, and VIROMII will not enter into correspondence on the reasons for the decision.

## 2.3. Evaluation criteria

The proposal shall be evaluated against the criteria and weighting factors, below:

Evaluation criteria	Note	Comment
<b>Feasibility</b>	30%	<p>The <b>technical feasibility</b> and soundness of the proposed approach to overcome the technical barriers and enable the use of the technology in the market.</p> <p>The <b>realism and adequacy</b> of the proposed budget and timeline in relation to the objectives of the demonstrator.</p>
<b>Commercial potential</b>	40%	<p>The extent to which the <b>proposal enables the commercial exploitation</b> of the technology in a specific market.</p> <p>The existence of an already <b>identified customer or potential customer(s) or potential user(s)</b> for the new/improved product or service.</p> <p>The <b>estimated time-to-market</b> for the new/improved product or service.</p> <p>The <b>expected increase in Technology Readiness Level (TRL)</b> of the technology for its application.</p>
<b>Socio-economic impact</b>	30%	<p>Expected <b>socio-economic benefits</b> derived from the application of the technology in the market, <b>both for the Applicant and for society</b> (potential societal benefits, such as job creation, improved productivity, cost savings, higher product quality, increased operational safety or comfort, energy efficiency, and technical advancements in the target market)</p>

## 3. Instruction for Proposals

*This section is meant to inform Applicants of the required length and content of their Technology Transfer Demonstrator project proposal. Applicants shall follow the proposal template provided in Annex 1 and 2.*

### 3.1. Length and language of proposals

The Application (Cover letter, Proposal and Executive Summary) shall be submitted in English.

The Executive Summary shall be maximum one page.

The application form shall be based on the document 'Proposal template' and shall not be longer than five (5) pages. Annexes proving the information stated in the application form are allowed. Annexes have no limit of pages.

### 3.2. Submission of the proposals

Applicants will be requested to submit their proposals in English by email to Miguel Estruch – Technology Transfer Broker ([brokers@viromii.com](mailto:brokers@viromii.com)) putting in copy Fusion for Energy's Technology Transfer Programme: [technologytransfer@f4e.europa.eu](mailto:technologytransfer@f4e.europa.eu).

### 3.3. Content of proposals

*Cover Letter (see Annex 1)*

- The Applicant is asked to introduce the application with a cover letter.
- The cover letter shall include a statement that the proposal is valid for a minimum period of 6 months from the date of its submission.
- The cover letter shall be referenced and dated.
- It shall provide the name, address, email address and telephone number of the Applicant to whom all communications relating to the Call for proposal shall be addressed.
- It shall provide a clear statement of compliance with the requirements set out in this Call.
- It shall provide a clear statement that the draft Contract has been read, understood and accepted.
- It shall provide the total cost for the execution of the proposed activity.
- It shall provide the details of all the subcontractors/partners involved in the execution of the demonstrator project and their tasks (if any).
- The cover letter shall be signed by a legal representative of the Applicant.
- The project shall not last more than 12 (twelve) months starting at

contractsignature date.

#### *Executive Summary (see Annex 2 Point 1)*

The Applicant is asked to produce an Executive Summary which may be published. The Executive Summary shall contain non-confidential information and cover the following aspects, in maximum one page:

- **Descriptive Title:** *Provide an easily understandable title.*
- **The technology and its fusion origin:** *Indicate the Fusion for Energy activity under which the technology has been used and/or developed.*
- **Application in the market:** *Indicate which market opportunity(ies) has been identified (including any potential customer relationships) and how the selected technology or know-how may provide significant advantage for this application.*

*Indicate if there is an identified customer(s) for the resulting product/service.*

- **Work Implementation:** *Describe the technological steps to be made during the implementation of the Technology Transfer Demonstrator project and any material, financial, and human resources will be provided by the Applicant to support the implementation of the Technology Transfer Demonstrator and to achieve commercial use of the technology.*

*Indicate if there will be support or collaboration of a third party (subcontractor/partner/investor/etc.).*

#### *Full Proposal (see Annex 2 Point 2)*

The proposal shall cover the following aspects and it shall not be longer than 5 pages, excluding cover letter and annexes.

- **Origin and description of the fusion technology.**
  - *Indicate under which F4E activity the technology or know-how was initially developed or used.*
  - *Briefly describe the technology (mention if possible if the fusion development is covered by an Intellectual Property right).*
  - *Specify the Technology Readiness Level (TRL) reached for the F4E fusion application. [TRL scale model from the European Commission](#).*

- **Information regarding Evaluation criterion 1: Feasibility of the demonstrator project proposed:**

##### **Objective of the demonstrator.**

- *Explanation on how the demonstrator would support the transfer of the fusion technology to the market.*
- *Which is the risk the demonstrator would mitigate or which is the technical objective the demonstrator would achieve?*

**Details of the work to be undertaken for the Demonstrator project.**

- *The technical steps to be made during the implementation of the Technology Transfer Demonstrator project.*
- *Provide a project plan including milestones and Gantt chart.*
- *Provide work-package descriptions with cost breakdown.*
- *Describe if there is a key technical risk and the mitigation required.*
- *Resources to be provided by the Applicant to support a successful completion of the Demonstrator project.*
- *Indicate if there will be support or collaboration of a third party (subcontractor/partner/investor/etc.).*

▪ **Information regarding Evaluation criterion 2: Commercial potential of the technology:**

**Description of the use planned to be made of the fusion technology in the market(s).**

- *Indicate the current Technology Readiness Level (TRL) for the intended application(s) and the target TRL to be achieved through the Demonstrator. Also, indicate any work already performed for the exploitation of the technology in the intended application. For example, if a feasibility study was performed, provide a copy of the study or a reference to the study and its conclusions.*
- *Indicate the target market and explain the market opportunity(ies) including any potential customer relationships and why the technology underdevelopment/adaptation may provide significant advantages for this application.*
- *Indicate if there is already a customer or potential customer(s) or potential user(s) identified for the new/improved product or service.*
- *The expected time to market of the product/service.*
- *Explain to which extent the proposal will facilitate the commercial use of the technology in the specific application. Indicate if there is an investment done/planned to be done by the Applicant or by investor and activities done and planned to be carried out to enable a successful completion of the Technology Transfer case and commercial use of the technology in the intended application.*
- *Indicate if the Applicant has already received funding to support the cost of the transfer of the technology to the market and from which organization.*

▪ **Information regarding Evaluation criterion 3: Expected (potential) Socio-economic impact.**

- *Socio-economic (potential) impact of the use of the technology in the intended application, both for the Applicant and for society.*

- **Expected follow-up of the Technology Transfer Demonstrator**
  - *Explanation of what are the pending technical challenges to tackle to bring the technology to market.*
  - *Explanation of what kind of industrial, marketing and financial actions are expected to be required to bring the technology to market.*

## 4. TECHNOLOGY TRANSFER DEMONSTRATOR AGREEMENT

Between

VIROMII INNOVATION SL with company number ESB40529984  
(Hereinafter referred to as “VIROMII”)

located at:

Calle Rioja 149, esc3, 18

46730 GANDIA

SPAIN

Represented by Mr Miguel Estruch Soler,  
Administrator

And

[Name of the Entity] with company number [XXX]  
(Hereinafter referred to as “the Beneficiary”)

Located at: [Address]

Represented by [Title, First Name and Last Name], [Position]

(Together, hereinafter referred to as the “Parties” or individually as a “Party”)

## 1. Background

Fusion for Energy (F4E) is the European Union organisation managing Europe's contribution to ITER and promoting the transfer of fusion technologies to industry.

VIROMII has been entrusted by F4E to design, implement and manage an Open Call for Technology Transfer Demonstrator projects, aimed at supporting the adaptation of fusion technologies to the fusion and non-fusion markets.

The Beneficiary submitted a proposal under this Call, which has been evaluated and selected for financial support.

The proposal submitted by the Beneficiary (hereinafter the "Proposal") forms the technical basis for the execution of the Activity under this Agreement.

## 2. Nature of the Agreement

This Agreement governs the financial support granted by VIROMII to the Beneficiary for the implementation of a Technology Transfer Demonstrator project.

This Agreement does not constitute a contract for services. The Beneficiary acts independently and is solely responsible for the execution of the project, including its technical implementation, associated risks, and outcomes.

Nothing in this Agreement shall be interpreted as creating a partnership, joint venture, or employment relationship between the Parties.

## 3. Scope of the Activity

The Beneficiary shall implement the demonstrator project (the "Activity") in accordance with the Proposal.

The Activity shall aim at validating the technical feasibility and commercial potential of a fusion-derived technology in the intended application.

The Activity shall be completed within a maximum period of twelve (12) months from the entry into force of this Agreement.

The Beneficiary shall ensure that the Activity is carried out with due care, skill and diligence and in compliance with applicable laws and regulations.

## 4. Financial Support

The total financial support granted under this Agreement amounts to:

€ [X] (excluding VAT)

Under no circumstances shall the financial support be increased if the Beneficiary incurs costs exceeding those initially estimated or expected.

The Beneficiary shall use the financial support exclusively for the execution of the Activity.

#### 5. Payment Conditions

VIROMII may authorize the payment of an interim payment in connection with this Contract.

Interim payments are not final payments and shall be deducted from the sums due to the Applicant under this Contract.

The Applicant shall be allowed to claim final settlement when all their obligations under this Contract have been fulfilled. The final payment is due by VIROMII upon:

- receipt by VIROMII of the relevant invoice(s) from the Applicant; and
- Certification by VIROMII of the satisfactory completion of the Activity under this Contract

Unless otherwise provided for in this Contract, a period of 30 (thirty) days shall be granted to VIROMII for the execution of the final payment.

VIROMII shall make the following payments:

<b>MILESTONE DESCRIPTION</b>	<b>SCHEDULE DATES</b>	<b>AMOUNT IN EURO</b>
INTERIM: upon [established milestone] of this Contract by both Parties [max 50%]	<u>TBD</u>	<u>TBD</u>
FINAL: upon acceptance by VIROMII of all deliverable documentation under this Contract [min 50%]	<u>TBD</u>	<u>TBD</u>

All payments are conditional upon:

- proper implementation of the Activity in line with the Proposal
- submission of required reports
- acceptance of deliverables by VIROMII

VIROMII reserves the right to:

- suspend or delay payments if obligations are not fulfilled
- reduce payments proportionally in case of partial completion
- withhold payment if deliverables are not satisfactory

## 6. Reporting and Deliverables

The Beneficiary shall provide the following deliverables:

- Midterm Progress Report at the midpoint of the Activity (specific date to be determined upon signature, based on the project proposal)
- Final Report describing the work performed and results achieved (specific date to be determined upon signature, based on the project proposal)
- Executive Summary (non-confidential, suitable for publication) (specific date to be determined upon signature, based on the project proposal)

Deliverables shall:

- reflect the work described in the Proposal
- demonstrate actual progress and results
- be sufficiently detailed and documented

VIROMII shall review the deliverables and may:

- accept them
- request revisions within a defined timeframe
- reject them if they do not meet the objectives of the Activity

## 7. Acceptance of Deliverables

Acceptance shall be based on:

- consistency with the Proposal
- completeness and quality of the work performed
- demonstration of progress towards the objectives

## 8. Use of Funds

The Beneficiary shall use the financial support solely for the implementation of the Activity.

In case of misuse of funds or significant deviation from the Proposal, VIROMII may suspend payments and request reimbursement.

## 9. Recovery of Funds

Any amount paid by VIROMII that is not justified by accepted deliverables shall

be reimbursed by the Beneficiary.

In case of:

- non-completion of the Activity
- material breach of this Agreement
- misuse of funds

VIROMII may require full or partial reimbursement of the amounts paid.

#### 10. Responsibility and Risk

The Beneficiary shall be solely responsible for:

- the execution of the Activity
- compliance with applicable laws
- any risks associated with the project

VIROMII shall not be responsible for:

- the success or failure of the Activity
- any technical or commercial outcomes
- any damages arising from the implementation of the Activity

#### 11. Liability

Each Party shall be liable for damages caused by its breach of this Agreement.

The total liability of each Party under this Agreement shall not exceed the total amount of the financial support.

Neither Party shall be liable for indirect or consequential damages, including loss of profit, loss of business, or loss of data.

Nothing in this Agreement excludes liability for fraud, or gross negligence

#### 12. Intellectual Property

Any Intellectual Property generated in the course of the execution of this Agreement shall be communicated without delay to Fusion for Energy and shall become the property of the Beneficiary.

Fusion for Energy shall have access to the Intellectual Property in the form of a worldwide, non-exclusive, irrevocable, royalty-free license with the right to further sub-license and use it to carry out its tasks as established by Article 1.2 of Council Decision 2007/198/Euratom.

Where the Beneficiary transfers ownership of the new Intellectual Property rights created under this Agreement, it shall pass on its obligations regarding that Intellectual Property right to the assignee including the obligation to pass those obligations on to any subsequent assignee.

### 13. Confidentiality

The Parties shall treat as confidential any information exchanged in the context of this Agreement.

Such information shall only be used for the purposes of the Activity and shall not be disclosed to third parties without prior written consent.

### 14. Communication and Publicity

The Beneficiary shall not issue any communication, press release, or publicity material referring to the Activity, VIROMII, or F4E without prior written approval.

The use of any logo or trademark of VIROMII or F4E shall require prior written consent.

### 15. Monitoring and Verification

VIROMII may request reasonable evidence regarding:

- the progress of the Activity
- the achievement of results
- the appropriate use of funds

The Beneficiary shall provide such information upon request.

### 16. Termination

VIROMII may terminate this Agreement with immediate effect in case of:

- material breach
- failure to implement the Activity
- persistent failure to meet objectives
- misuse of funds

Upon termination:

- no further payments shall be made
- VIROMII may recover any funds not justified by accepted deliverables

#### 17. Entry into Force and Duration

This Agreement shall enter into force upon signature by both Parties.

It shall remain in force until completion of the Activity, unless terminated earlier.

#### 18. Applicable Law and Dispute Resolution

This Agreement shall be governed by the laws of Spain.

Any dispute shall be submitted to arbitration in Valencia.

#### 19. Entire Agreement

This Agreement constitutes the entire agreement between the Parties and supersedes any prior understanding.

Any modification shall be made in writing and signed by both Parties.

#### 20. Signatures

For VIROMII

Name:

Date:

Signature:

For the Beneficiary

Name:

Date:

Signature: