

Partnership opportunities

Fields marked with * are mandatory.



Are you looking for partner to fulfill the requirements of current or forthcoming [F4E business opportunity](#)?

Do you have relevant expertise, technologies, or interesting raw materials to offer?

Or do you simply want to introduce your company and engage in the EU Fusion Industry Supply Chain?

Whether you are a large corporation, an SME, an established fusion player or a newcomer to the field, this is your starting point.

In just a few minutes, you can submit an offer or request below. Our Market Analysis team will review your submission and feature it in the [Fusion Partnerships section](#) of the F4E Industry Portal.

Thank you for joining us and contributing to the future of fusion!

F4E Market Analysis and Techno Transfer Group

*** Description (Please describe what you are offering / looking for. If related to a specific Call for Tender or Business Opportunity with F4E or ITER IO please indicate the name and reference)**

VAC-TRON S.A. is a specialized European manufacturer of Glass-to-Metal Seal (GTMS) hermetic electrical feedthroughs with a proven and recognized track record in ITER/F4E programs — including as recipient of the F4E Technology Transfer Award.

In the most recent F4E Nuclear Safety Inspection (2025-NSI-18), VAC-TRON achieved an overall score of Cr = 2.5, classified as "VERY GOOD" — the highest performance category under the F4E supplier assessment criteria.

We offer full design and manufacturing capability for hermetic GTMS feedthroughs suitable for the requirements associated with F4E-OMF-1183 and other F4E/ITER IO procurement activities. Our solutions provide permanent hermetic sealing by fusing technical glasses between electrical conductors and metal housings, ensuring leak-tight electrical transmission across pressure, vacuum, radiation, and thermally demanding boundaries.

VAC-TRON's feedthroughs are qualified and delivered for nuclear fusion, big science, defense, aerospace, and oil & gas applications, under the most stringent quality frameworks: ISO 9001, EN 9100, and ISO 14001, with UHV-grade cleanroom production capability (ISO Class 8).

We are actively seeking collaboration with prime contractors or consortium leaders for upcoming F4E tenders where hermetic interconnection technology is a critical subsystem.

*** What form of collaboration would you like to promote?**

- Offer - my organisation has relevant expertise, technologies, or raw materials to offer
- Request - we are looking for specific expertise, technologies, or raw materials
- Both of the above

*** Please indicate below the collaboration preferences you wish to highlight (you can select more than one)**

- Specific expertise and technologies
- Specific materials
- To sub-contract to partners
- To co-contract with partners
- Sharing general technologies and business presentations
- Other

Upload supporting documentation (e.g., business presentation, relevant technical specifications)

Logo of your company or additional file

Expiry Date of the Offer or Request (you must indicate any business opportunity related expiry date, by default postings will expire after six months but can be renewed on request)

13/12/2026

*** Your contact email**

franc.moreno@vac-tron.es

*** Your organization name**

VAC-TRON S.A.

Contact

[Contact Form](#)