# Open Call for Fusion Technology Transfer Demonstrator Proposals

# Annex 2 – Proposal Template

**1 - Executive Summary**

The Applicant is asked to produce an Executive Summary which may be published by In Extenso Innovation Croissance and F4E. The Executive Summary shall cover the following aspects, in maximum one page:

* Descriptive Title: *Provide an easily understandable title*
* The fusion origin/heritage of the technology that has been developed (please clarify if there is a link with the ITER project or the Broader Approach project or with another public fusion programme or organization)
* Non-fusion application: *Indicate which non-fusion market opportunity has been identified (including any potential customer relationships) and how the selected technology or know-how may provide significant advantage for this application.*
* Work Implementation: *Describe the technological steps to be made during the implementation of the Technology Transfer Demonstrator project and precise the material, financial, and human resources to be provided by the Applicant to support the implementation of the Technology Transfer Demonstrator and to achieve commercial use of the technology.*
* *Precise if there will be support or collaboration of a third party and, in that case, make sure a copy of the commitment to the demonstrator project and the transfer of the technology to a non-fusion application is attached to the proposal (e.g. letter of intent, service contract).*

**2 - Full Proposal**

The proposal shall cover the following aspects; it shall not be longer than 10 pages, excluding cover letter and annexes.

* Origin and description of the fusion technology,
  + *Indicate in which fusion activity the technology or know-how was initially developed (mention if it has been generated under or incorporated to the ITER or the Broader Approach projects)*
  + *Describe briefly the technology (mention if possible if the fusion development has generated any Intellectual Property Right)*
  + *Precise the Technology Readiness Level reached for fusion applications*
* Objective of the demonstrator.
  + *Which is the technical risk the demonstrator would mitigate, or which is the technical objective the demonstrator would achieve?*
  + *Explanation on how the demonstrator would support the transfer of the fusion technology to a non-fusion application.*
* Description of the use planned to be made of the fusion technology in the non-fusion market(s) and evaluation of the market potential.
  + *Precise the Technology Readiness Level for the non-fusion application(s) and the work already performed. Provide a copy of the report on any feasibility studies undertaken (if any)*
  + *Explain the non-fusion technology/market opportunity including any potential customer relationships and why the technology under development may provide significant advantage for this application*
  + *Socio-economic (potential) impact of the technology transfer project.*
  + *Indicate if the Applicant has already received fundings to cover the cost of the transfer of the technology to the market and from which organisation.*
* Details on the work to be undertaken for the Demonstrator
  + The technological step to be made during the implementation of the Technology Transfer Demonstrator project.
  + The target Technology Readiness Level to be achieved through the Transfer Demonstrator.
  + Provide a project plan including milestones and Gantt chart.
  + Provide work-package descriptions with cost breakdown.
  + Describe the key technical risk and the mitigation required.
  + Provide details of the experience of key personnel within and out with your organization who will be undertaking this work.
  + Resources to be provided by the Applicant to support a successful completion of the Transfer Demonstrator activity.
  + Indication of the investment done/planned to be done by the Applicant 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 a non-fusion application.
* Expected follow-up of the Transfer Demonstrator
  + *Explanation of what are the pending technical challenges that need to be tackled to bring the technology to market.*
  + *Explanation of what kind of industrial, marketing and financial actions is expected to be required to bring the technology to market.*