

Our Innovation Model



Providing the EU In-kind contributions to the ITER project

F4E is placing contracts and working closely with industry to provide the infrastructure and the components of the ITER fusion reactor.

- Budget
 - > 2007-2020 ~€6.8bn (2008 values)
 - > 2021-2027 ~€5bn (2019 values)





Goal: to increase European Industry competitiveness

- 4-year Program (2020-2023).
- Implemented with the support of a team of Technology Transfer brokers.

Objective: **Success stories** of increased competitiveness, growth, business, employment.

For years, Fusion for Energy is:

Raising a Technology Transfer Culture.

Managing the IP to create business by Industry.

Increasing motivation of companies to work with F4E.



Activities

I. Portfolio of Technologies





- II. Brokerage services (fusion and non-fusion companies put in contact). Brokers are supporting:
 - -F4E Suppliers to find new business opportunities.
 - -European companies to adopt F4E technologies in their business, solve technical needs and launch new products.

III. Webinars

"Sales pitch" webinars business oriented.

IV. F4E Technology Transfer Award

1st Edition (awarded in June 2021), 2nd Edition to be awarded June 2022. 10K to reward the commercial use of a fusion technology.

V. F4E Demonstrator project

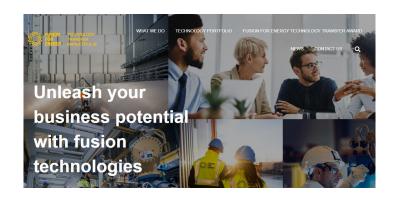
1st Edition (awarded in February 2022). 35K to fund a project that facilitates the commercial use of an F4E technology.

VI. BSBF!!





F4E Marketplace



Key information for companies on the F4E Marketplace of technologies:

- Contact details of the brokers (e-mail address).
- Portfolio of technologies with their corresponding 'Product data sheet'.
- Webinars recorded.
- Technology Transfer Award.
- Open Call for TT Demonstrator proposals.
- Success Stories.





Success stories

Fusion is inspiring other fields...



Robust and safe remote-control system for elderly people assistance (Heemskerk Innovative Technology)





Fusion
manufacturing
know-how
cools down
space thrust
chambers and
particle
accelerators
(CECOM)



ITER electrical connectors open a new market for VAC-TRON in the Oil and Gas industries





Welding ITER vacuum vessel components helps Pro-beam to sign contracts with Ariane Group and Solar Orbiter



ITER wires and cables generate new sales and jobs outside fusion (AXON Cable)

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Thank you

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