

The ITER project

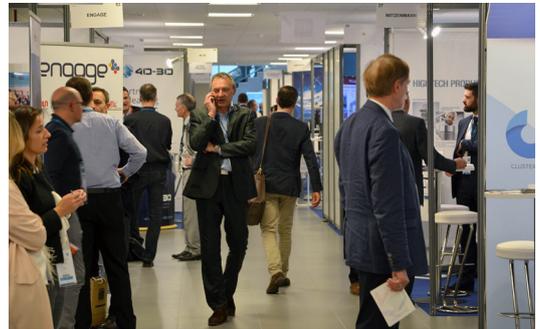
Fusion for energy and industry engagement

Fusion for Energy

Each member of the ITER project makes its contribution through a domestic agency. **The European domestic agency is called Fusion for Energy (F4E)**, and was established by Euratom in 2007. Based in Barcelona (Spain), the agency awards contracts and grants to companies and research institutions all over the EU to produce the European components and provide services for ITER. In its first ten years of operation, **Fusion for Energy awarded over 700 contracts in 24 countries**, worth over €4 billion. **By early 2019, the number of contracts had grown to 900.**

As the European domestic agency, it is also responsible for some ITER-related activities, including the “Broader Approach” activities carried out jointly between Euratom and Japan.

Fusion for Energy is governed by its members Euratom (represented by the European Commission), the Member States of the EU, and Switzerland.



Investing in European industry

Contracting European businesses and research organisations to deliver the European contribution to ITER represents **a large investment into the high-tech industry** with clear payoffs. Businesses that have won contracts can expand their facilities, upgrade equipment, and hire and train new staff.

ITER stimulates growth and creates new jobs, and has a significant impact on the EU economy. Since the start of the ITER construction in 2008, and compared to no spending, European involvement in ITER has produced:

- Around **€5 billion** in gross value added
- Over **34,000 job-years**

Driving innovation beyond fusion science

ITER is a cutting edge project that will be the first of its kind. It therefore poses unique challenges that require companies to be creative and innovate. European businesses have so far created various “spin-off” technologies in the course of working for ITER. The new technologies have found applications in several industry sectors beyond fusion science, such as aerospace and medical science.

