



**FUSION
FOR
ENERGY**

The Broader Approach

The Broader Approach is an agreement between EURATOM and Japan which generates synergy with ITER and aims to accelerate the realisation of fusion energy.

It involves carrying out R&D and developing advanced technologies for future demonstration fusion power reactors.

The agreement was signed on February 5, 2007 for 10 years and represents some 340 million Euros of EU investment.

Contributions are provided mainly in the form of in kind donations by countries, currently including France, Germany, Italy, Spain, and Switzerland.

Fusion for Energy is the designated Implementing Agency for the Broader Approach.

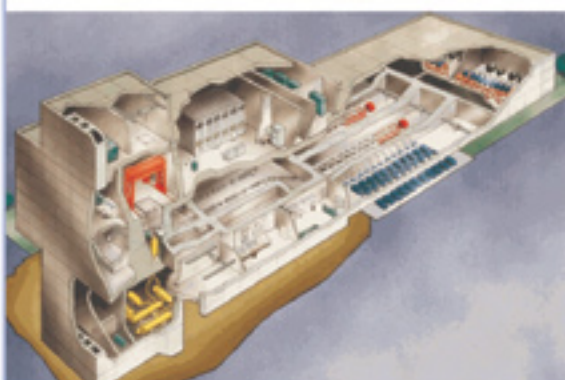
Signing of the Broader Approach Agreement
February 5, 2007 / Tokyo



The Broader Approach comprises three projects

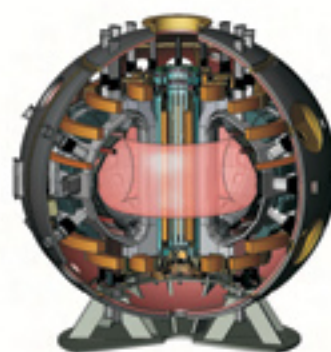
1. Engineering Validation and Engineering Design Activities for the International Fusion Materials Irradiation Facility (IFMIF/EVEDA)

The aim is to produce neutron fluxes to test the long-term behavior of materials under conditions similar to those expected at the inner wall of a fusion reactor.



2. Satellite Tokamak Project

Designed to explore conditions relevant for ITER and DEMO, in particular, steady state operation at high pressures with heating of 40MW for 100 seconds.



3. International Fusion Energy Research Centre (IFERC)

- a) A DEMO Design and R&D Coordination Centre.
- b) A Computational Simulation Centre.
- c) An ITER Remote Experimentation Centre.

