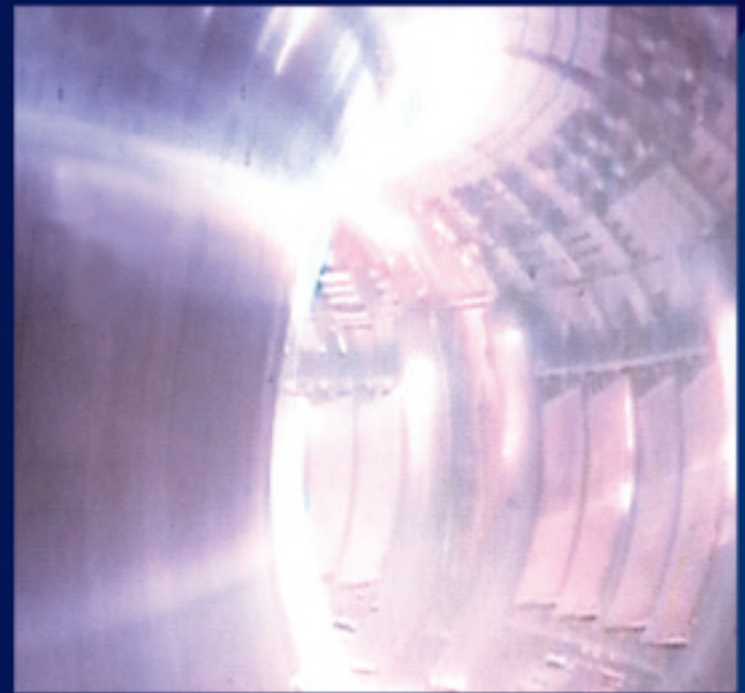
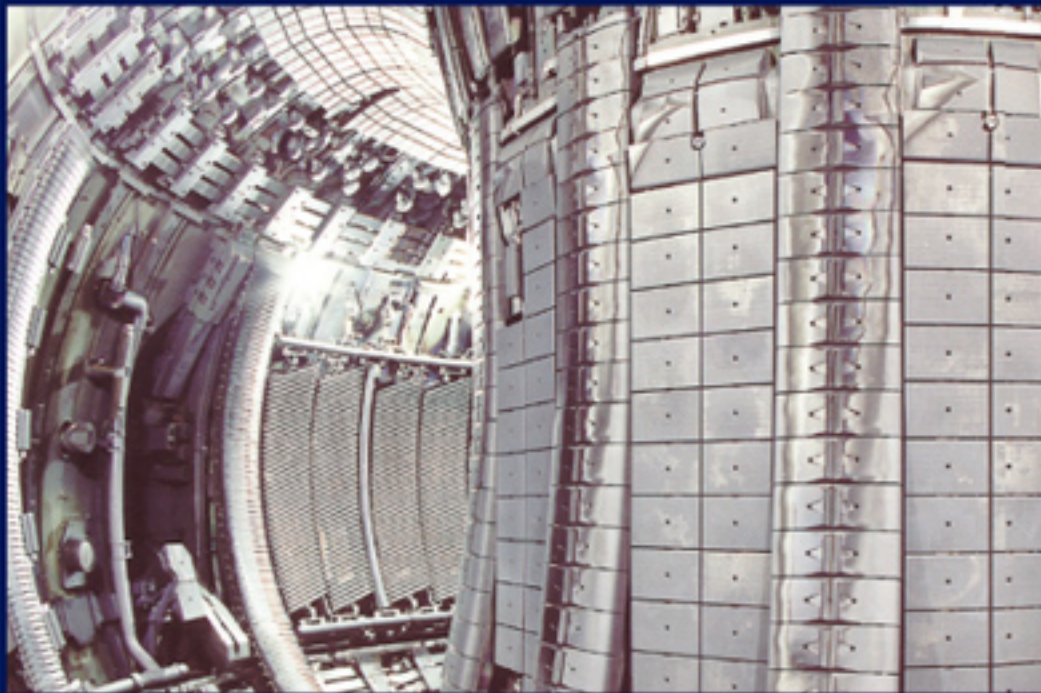




**FUSION  
FOR  
ENERGY**

# JET: Joint European Torus



*Inside the JET Torus. Visible with/without plasma*

**EFDA is in charge of the co-ordination of the scientific exploitation of JET, the world's largest fusion research facility. Being the closest in size and very similar in shape, JET is ideally suited to operate plasmas and technologies in preparation for ITER.**

JET, situated in Culham Science Centre, Oxfordshire, UK, is operated by UKAEA Fusion. EFDA Parties as well as scientists from the United States, Russia, and China participate in JET.

## Unique Features of JET

- Scaling close to ITER
- Capable of operating with Deuterium and Tritium
- Beryllium on the first wall
- Most complete remote handling
- Multinational character



*The JET Machine*

## JET: world records in fusion energy

**1991**

First release of Deuterium and Tritium fusion energy

**1997**

16 MW fusion power  
22 MJ of fusion energy  
4 MW in steady-state (5 seconds)



*Night View of JET*