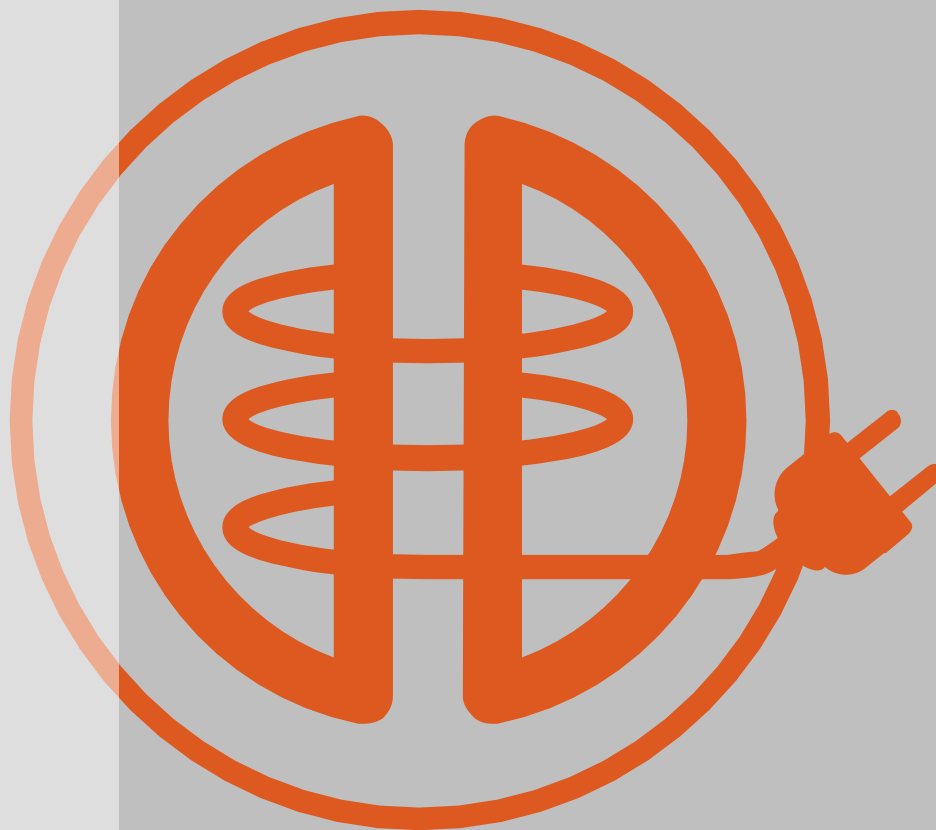


FUSION POWER PLANT



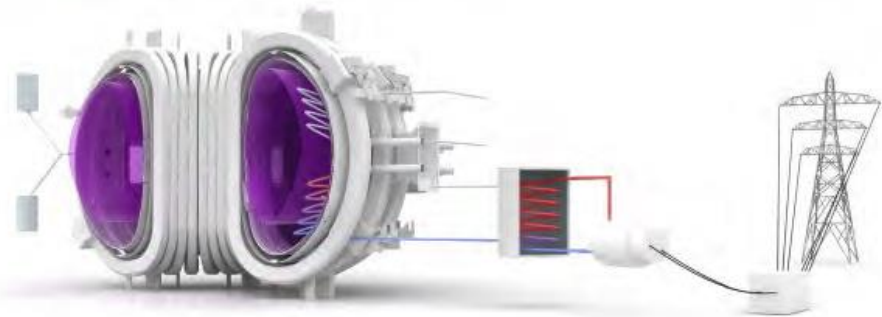
TIMELINE

The main issues to be solved:

- Efficient tritium breeding technologies
- The wall materials

Main goal:

- Future designs with continuous operation



ITER

DEMO

Commercial

Fusion Power Plants

FROM THE EXPERIMENT TO THE POWER PLANT

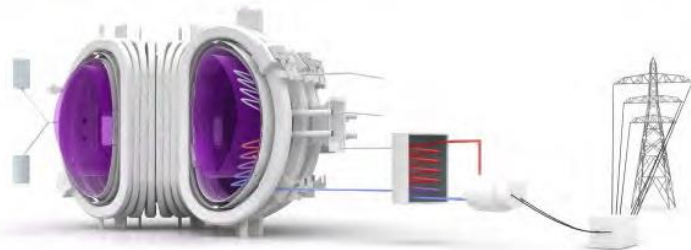
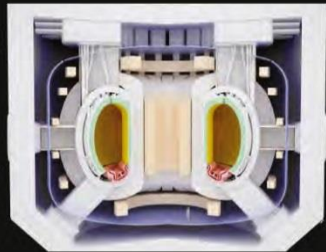
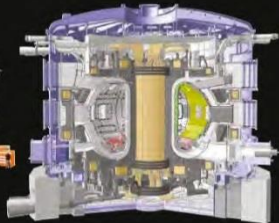
Future of Fusion

Today

Tomorrow

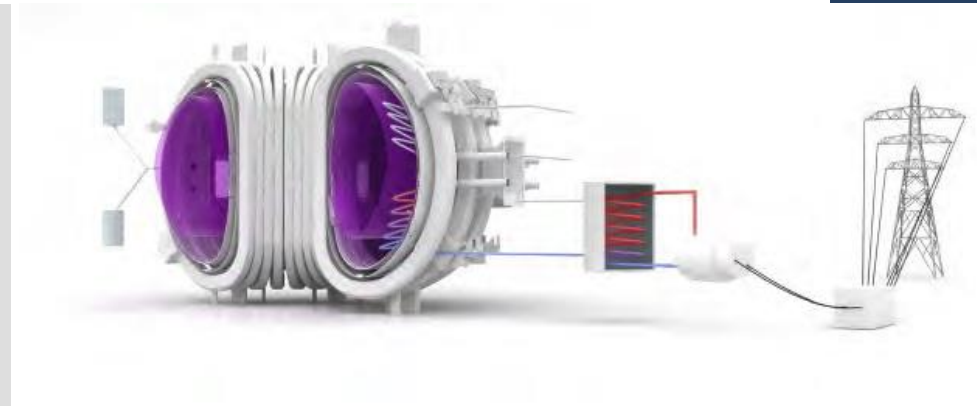
The Future

Commercial Fusion Power Plant

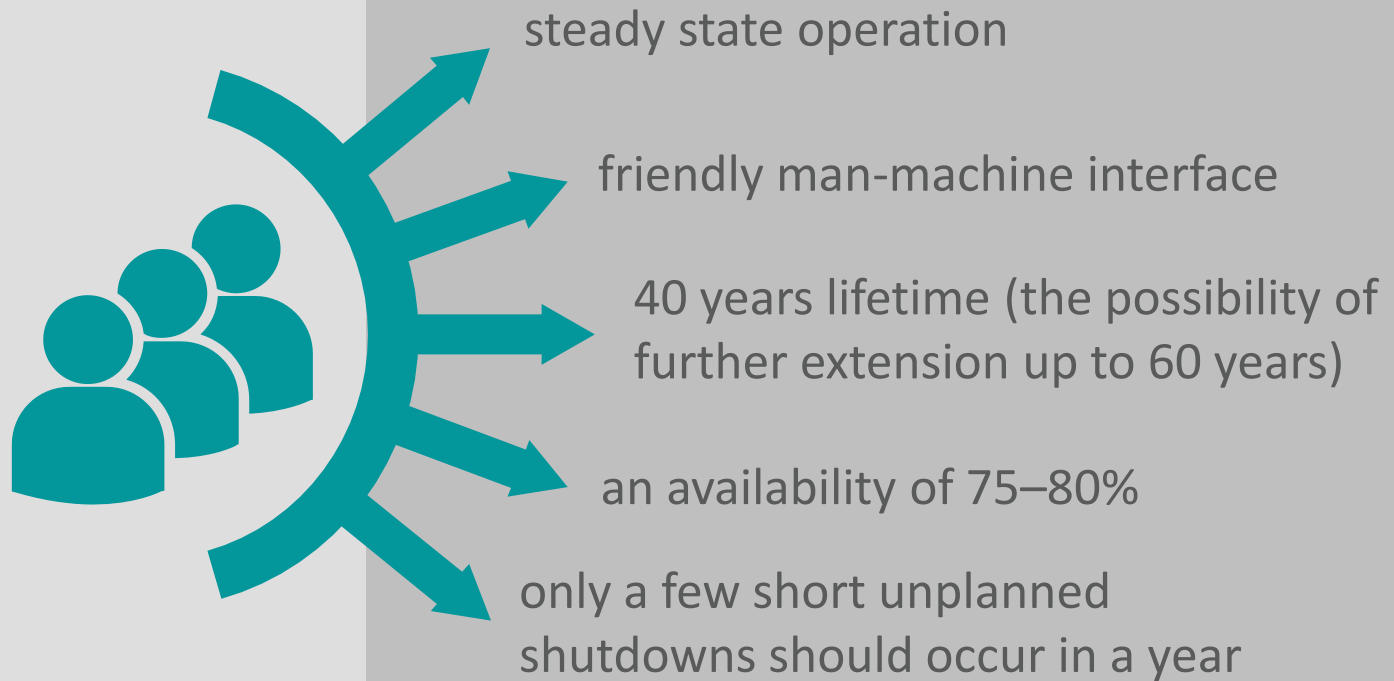


DEMO

- The next step on the way to realise fusion energy
- The results obtained from the exploitation of ITER and other fusion experiments
- Confirm the technological feasibility of fusion and demonstrate its commercial viability
- The first fusion device to export significant amounts of electrical power from fusion



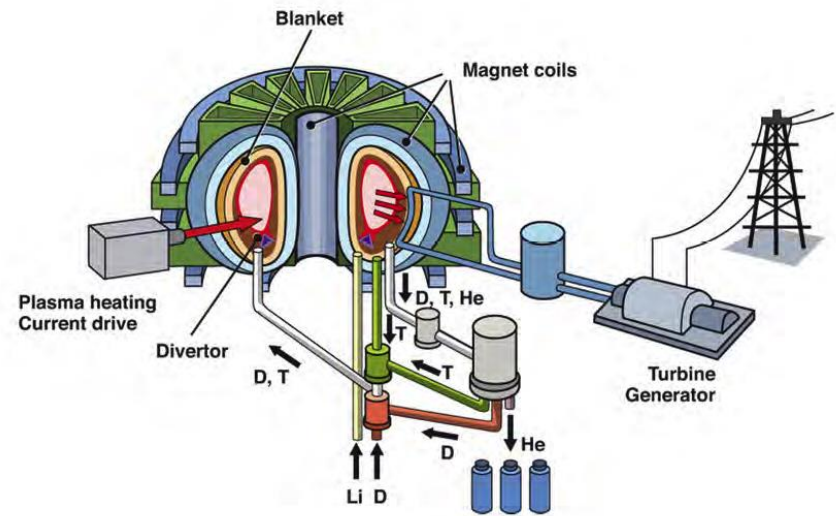
THE POWER PLANT CONCEPTUAL STUDY



DEMO Operations

**Commercial Fusion
Power Plant**

FINAL STEP – COMMERCIAL FUSION POWER PLANT



An artist's impression based on European fusion power plant design.

