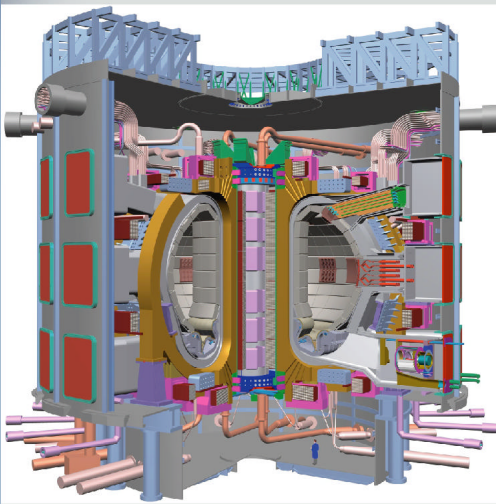


## ITER, "THE WAY"...

- To demonstrate energy production from fusion
- A joint project by the European Union, Japan, Russian Federation and Canada.
- Final design completed in July 2001
- People's Republic of China and the United States of America joined in January 2003
- Negotiations for construction and siting currently in progress

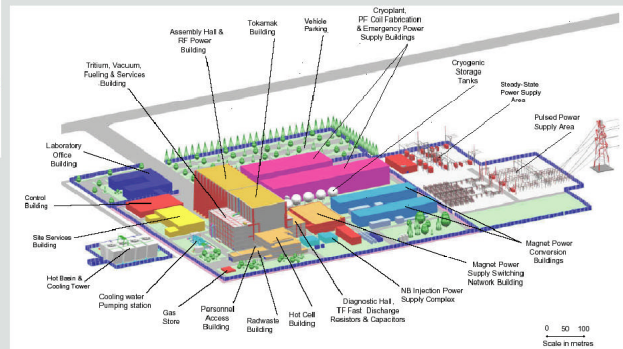


The ITER Machine

### ITER Main Parameters

|                                 |     |
|---------------------------------|-----|
| Total Fusion Power (MW)         | 500 |
| Power Amplification*            | ≥10 |
| Machine Height (m)              | 26  |
| Machine Diameter (m)            | 29  |
| Plasma Volume (m <sup>3</sup> ) | 837 |

\*Ratio Total Fusion Power/Input Power



The ITER Plant

### ...to fusion energy...

- Production of 500MW of fusion power with a 15-30 minutes pulse
- Aim to achieve steady-state operations.
- Direct investment of about 4 billion Euros, shared among the international partners through in-kind contributions.
- Major role played by Industry
- Construction phase: 8 - 10 years
- Operation phase: about 20 years

*ITER means "the path" in Latin*