Joint European Torus (JET)
Culham, England

- Water-cooled copper tokamak
- World’s largest fusion device
Superconducting Tokamaks

Existing
- T-7 (Russia)
- Triam (Japan)
- T-15 (Russia)
- Tore-Supra (France)

Planned
- TPX (US) - canceled
- ITER (Japan, Russia, European Union, Canada)
- JT-60 Super Upgrade (Japan)

Under Construction
- SST-1 (India)
- K-Star (South Korea)
- HT-7U (People’s Republic of China)
Tore Supra

CEA de Cadarache, France

The largest superconducting device operating at 1.8 K
The International Fusion Magnet Technology Community is Focused on Superconducting Machines

Wendelstein Stellarator is under construction in Germany (NbTi Superconductor in Aluminum CICC)

Large Helical Device (LHD) is in Operation in Japan

PF Coil and NbTi Cable-in-Conduit Conductor