

MATERIAUX DE STRUCTURE

Aéronautique / Spatial

Matériaux

A380-800 MATERIALS OVERVIEW

- GFRP (glass)
- QFRP (quartz)
- CFRP (carbon)
- Metal
- Glare

FLIGHT INTERNATIONAL

Structure/fuselage

SAFRAN 3 DASSAULT SYSTEMES
AEROSPACE · DEFENCE · SECURITY

Propulsion/turbo-réacteurs

LEAP-X

- Structures**
 - Rigid structures
 - 360° double wall
 - HPFC case
 - Performance retention
- Direct-drive**
 - High bypass ratio
 - Fuel burn
 - Durability
 - Noise
- Composites**
 - Fan blades & fan case
 - Fuel burn (weight)
 - Durability
 - Noise
- HP Turbine**
 - Proven materials
 - 3D aero
 - Adv. Cooling
 - Same metal temp.
 - Fuel burn
 - Durability
- HP Compressor**
 - 10 Stages
 - 22:1 pressure ratio
 - Fuel burn
 - Operability
- Compressor**
 - Lean-burn
 - Low NOx
 - Durability
- HPT Active**
 - Clearance Control
 - Perf. retention
 - Perf. restoration
- VBV Doors**
 - Inward opening
 - Perf. retention

General Electric SAFRAN
AEROSPACE · DEFENCE · SECURITY

Industrie Navique

Transport maritime

stx France
Chantiers de Saint-Nazaire

Bâtiments militaires

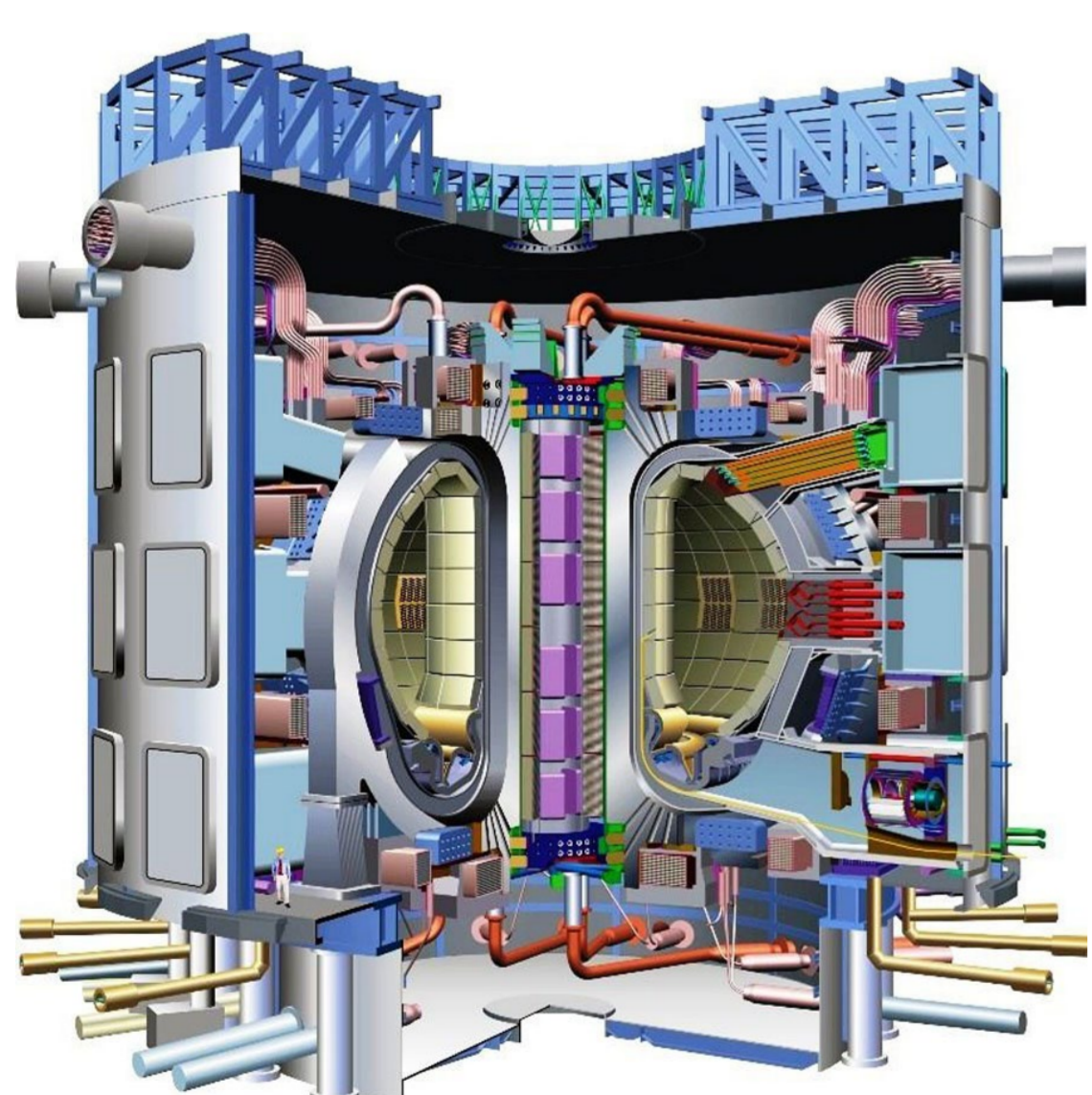
DCN
Cherbourg/Brest

DCNS

Sports nautiques

Technologies nautiques
AMERICA'S CUP

Production d'énergie



Réacteurs et turbines

EDF
AREVA

Prothèses médicales



Matériaux biocompatibles

GRUPE FH
FOURNITURES HOSPITALIÈRES
FH Industrie
Quimper