Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Home Affairs FDHA
State Secretariat for Education and Research SER

The Swiss interests in ITER

30 March 2011, Kursaal, 3013 Berne

Why ITER

Hope for a **sustainable** energy supply

supplying base load energy, environmental friendly, intrinsically safe

Important moment in fusion research

step from research to technology

Multidisciplinary research and innovation activities

Plasmaphysics, materials incl. magnetism, robotics, diagnostics etc.

Once in a lifetime project

Parties of ITER represent 50% of the world population

The path to fusion energy

(electricity generated via fusion power)

ITER construction

2008 to 2025

Accompagning programmes around the world

JET, K-Star, EAST, JT-60, Broader Approach and many others

First Demonstrator: DEMO

from 2030 and after

Funding for such a long term project

Return on investment: short term opportunities, medium term technologies

Why Switzerland

Keep up with science

ensure the competitiveness of Swiss research

Keep up with technology

ensure the competitiveness of Swiss R&D stakeholders (private + public)

Offer a motivating educational environment

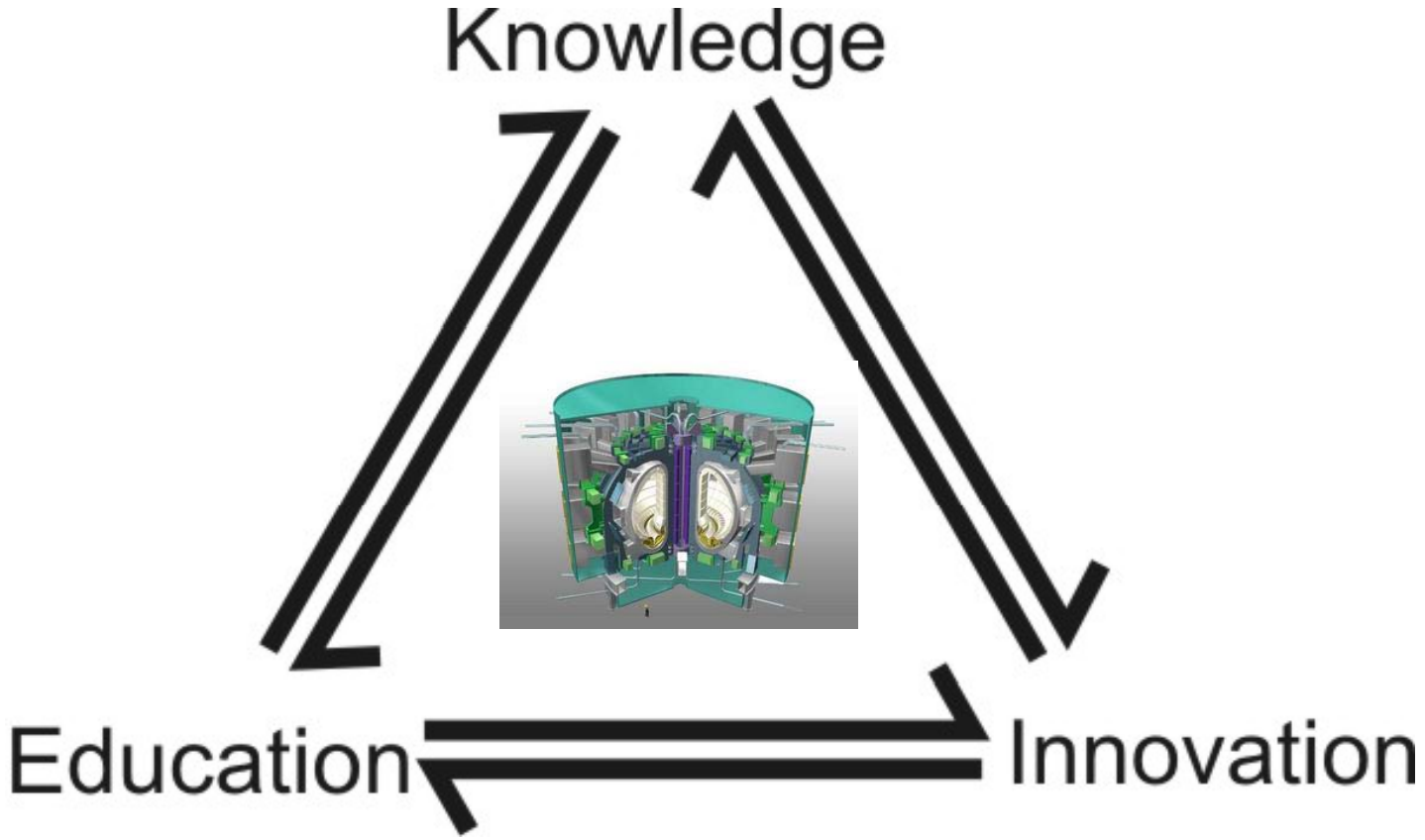
ensure future oriented education on all levels

Provide new and foster current markets for the Swiss workplace

Fusion and ITER are not built by public institutions

The knowledge triangle

A European idea for Switzerland



Todays event

- Business matchmaking between Swiss industry and the European Domestic Agency (European DA)
- Provide information about procedures and *how-to* within the ITER International Organisation (ITER IO) and the seven Domestic Agencies, especially the European DA (F4E)
- Encourage and support Swiss industry to engage in the ITER project and submit tenders to ITER IO and/or the European DA or the six other DAs
- Facilitate establishing cross-border relationships with other European partners in view of forming strong partnerships when applying for ITER projects.

when fusion power has become reality …