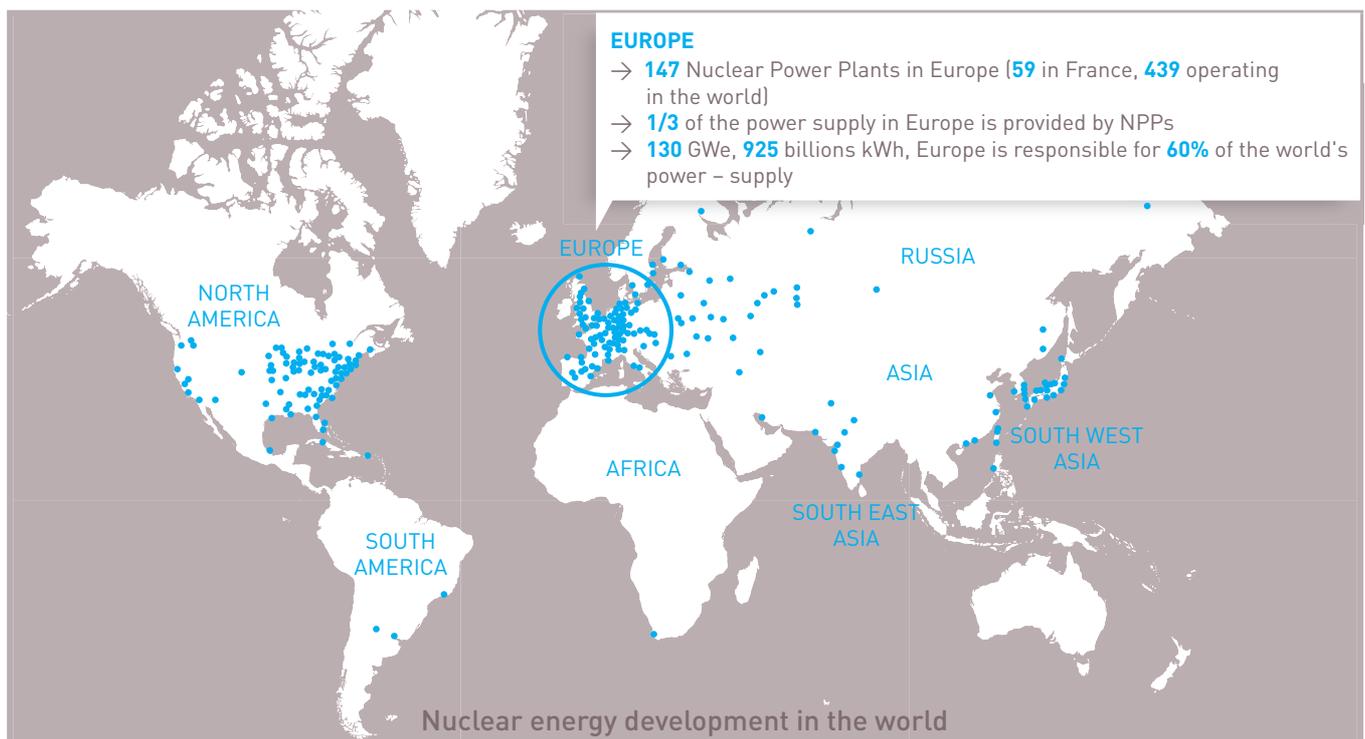


ENSTTI INITIATIVE

Sustaining the long-term safety performance of civil nuclear installations

In order to face the safety of long term operation of the older nuclear power plants as well as the safety of the new ones, the competences in nuclear safety have to be enhanced or developed at a very high rate.

Beyond the large education effort in which TSOs are already involved, ENSTTI initiative, in association with the European Union and the IAEA, works to drive the training of the new generation professionals in nuclear safety.



Wide spectrum of TSOs' competences

TSOs cover the whole spectrum of competences in nuclear safety, including nuclear plants and fuel cycle as well as radiation protection and citizens involvement.

More than 40 years experiences in the field of nuclear safety and radiation protection are considered as a reference around the world.

Constant update of this know-how on the basis of operating experience feedback, on the latest research results of Europe's TSOs* and on the great effort of the EUROSAFE* network to standardize practices.

ENSTTI provides training in the techniques, practices and methods required to develop assessment in nuclear safety and radiation protection in Europe and in the rest of the world, for a sustainable nuclear energy industry.

Governance

- The Board, Directors General of the ENSTTI partners, manages the ENSTTI.



- The Scientific Council (ENSTTI partners: GRS, IRSN, LEI, UJV, nuclear authority: CSN, international organizations: IAEA, EC, industry: AREVA) guides and standardizes teaching and tutoring contents and practices to reflect the state of the art in international assessment know-how.
- The Executive Directorate implements the training and tutoring activities of ENSTTI.

Theoretical and tutoring-based training courses leading to a certificate

Personalized training programs

ENSTTI offers short applied training sessions and longer tutoring periods for university graduates and for those with some professional experience in the nuclear sector. After a knowledge appraisal, each applicant is directed to the training program that best meets his/her requirements. The personalized support is continued through regular contacts with safety experts once the trainee returns to work.

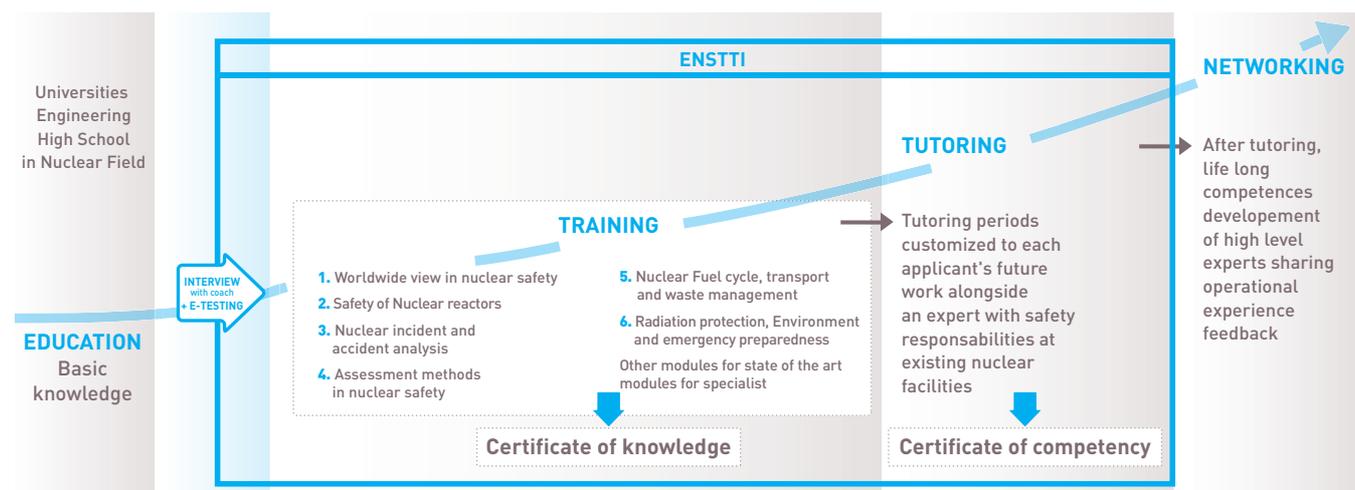
Training

6 modules on the basics of nuclear safety, reactor safety and security issues, radiation protection and health and environmental risk assessment and analysis. All the course programs include working groups, simulator sessions, technical visits and open discussions. Certificate at the end of the training period reflecting the knowledge acquired.

Tutoring

During the tutoring periods customized to each applicant's future work, trainees work alongside an expert with safety responsibilities at existing nuclear facilities.

The content and duration of tutoring periods are adapted to the profile of each individual.



ENSTTI Candidate Process

Training with an international profile

The teaching staff at ENSTTI is directly recruited among prominent members of European TSOs who are professionals with practical responsibilities in their field of teaching for the nuclear installation safety.

The TSOs work with the European Union and the IAEA to develop course programs.

ENSTTI training courses are open to professionals from inside and outside Europe, TSO and Nuclear Safety Authority professionals, operators and/or nuclear designers.

Selection and registration

Applicants are selected following an assessment of their technical knowledge in the nuclear field through an interview with a senior expert from a TSO, with the aim to identifying for each applicant personal training requirements including a tutoring scheme adapted to the future applicants work.