

ABOUT I2EN

The International Institute of Nuclear Energy's (I2EN) mission is to provide embarking, operating and expanding countries with the best education and training for human resources development in nuclear energy and to guide them in the development of their own training capabilities. The I2EN will help find the right solutions offered by France and share best practices in human capacity building so as to contribute to the safe and reliable implementation of civilian nuclear power programmes.

I2EN lends its support to the nuclear energy industry and academia worldwide to:

- Improve nuclear energy education & training;
- Support the design and development of new nuclear training programmes;
- Educate the next generation of nuclear energy experts;
- Ensure high quality and comprehensive training for safe and reliable nuclear power plant operations.

ACCREDITATION -- a globally recognized standard of excellence

The I2EN accredits French nuclear energy degree-awarding education programmes.

I2EN MEMBERSHIP

France's nuclear stakeholders:
government agencies, industry,
R&D, and academia



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EDUCATING & TRAINING THE NUCLEAR WORKFORCE OF TODAY AND TOMORROW



I2EN LENDING SUPPORT TO DECISION-MAKERS



What are the options for upskilling or training a nuclear workforce?

The International Institute of Nuclear Energy (I2EN) is responsible for bilateral relations in the field of nuclear human capacity building, and education & training between France and other countries, international organizations, and academic institutions. It was set up to help newcomer and expanding countries with the design and development of their human resources roadmap and capacity building. I2EN and its partners collaborate with the IAEA on the development of generic human capacity building and human resources development programmes.

The I2EN is the gateway to France's nuclear education and training. For instance, the Institute and its members can help:

- assess HRD immediate and long-term needs;
- support and guide in the design of nuclear workforce development plans;
- develop academic programmes in the universities of other countries (B.S., M.S., and Ph.D programs);
- register students and interns in academic and internship programmes in France;
- implement vocational training solutions and set up vocational training institutions;
- develop on-the-job training programmes directly related to the nuclear projects.

The I2EN and its members will provide customized support, training, and services, by bringing the best solutions while taking into account local conditions.

I2EN LENDING SUPPORT TO ACADEMIA



How to enhance knowledge in nuclear science and engineering?

Need to update a syllabus?

The I2EN and its partners can lend support in:

- the design of syllabuses;
- the implementation of a new nuclear engineering programme;
- the set-up of exchange programmes for faculty. Study tours, summer schools, and train-the-trainers programmes are organized upon request.

EXAMPLES



POLAND: A train-the-trainers programme for Polish academics: a 6-week nuclear "Tour de France", 12-week advanced training at the French National Institute for Nuclear Science and Technology, 12-week internship. The programme was for academics who sought to deepen their nuclear knowledge and know-how, and was aimed to help them design new nuclear syllabuses and curricula.



SAUDI ARABIA: A study tour for Saudi academics, professionals, and decision-makers: a 6-day tour of French nuclear industry, research, and training facilities. The tour included workshops and meetings with professors from engineering schools and technical institutes specialized in the nuclear field.



I2EN LENDING SUPPORT TO PROFESSIONALS



Continuing education programmes

The International Institute of Nuclear Energy (I2EN) can provide information on French continuing education programmes specialized in nuclear energy.

Its partners also offer study tours for professionals wishing to discover French facilities and to enhance their nuclear knowledge. I2EN experts will also respond to requests for career guidance.

All our programmes are tailor-made to meet the requestors' specific needs. Contact the I2EN executive officers to discuss customized training programmes.



I2EN LENDING SUPPORT TO STUDENTS



Looking for a programme in a high-technology sector?

Interested in studying nuclear science and engineering in France?

The International Institute of Nuclear Energy conducts an annual survey on nuclear education and training programmes in French universities and engineering schools. The results are entered into a database that lists all nuclear curricula and describes their contents, from vocational secondary school degrees to master degrees.

The I2EN database is available at www.i2en.fr/en

Within the framework of specific agreements of cooperation between French academic institutions and their international counterparts, the I2EN can also help with:

- finding internships in a world-leading nuclear company in France;
- organizing student exchanges for studying in France.