

# TRAINING AND TUTORING ON NUCLEAR SAFETY

for experts of the National Nuclear Regulatory Authorities  
and their Technical Support Organisations

for developing and strengthening their regulatory and technical capabilities

The European Union (EU) supports the promotion of the effective nuclear safety and radiation protection culture, the safe management of spent nuclear fuels and radioactive waste, the efficient and effective safeguards of nuclear materials, and the implementation of the highest related standards in non-EU countries. These objectives are achieved through

## European Instrument for International Nuclear Safety Cooperation (INSC) and its Training & Tutoring (T&T) Initiative and Programme

The T&T Programme involves transferring knowledge, EU expertise and best practices for countries in need of technical assistance, and aims at supporting the National Nuclear Regulatory Authorities (NRAs) and Technical Support Organisations (TSOs) of non-EU countries in capacity building to become competent, independent and adequately financed. To ensure that proper skills are acquired and adequate levels of competence are achieved and maintained, training and tutoring is provided for staff of NRAs and TSOs having responsibilities in relation to nuclear safety.

Implemented since  
**JANUARY 2012**

**2 500 PARTICIPANTS**  
in the T&T Programme  
in 2014-2020

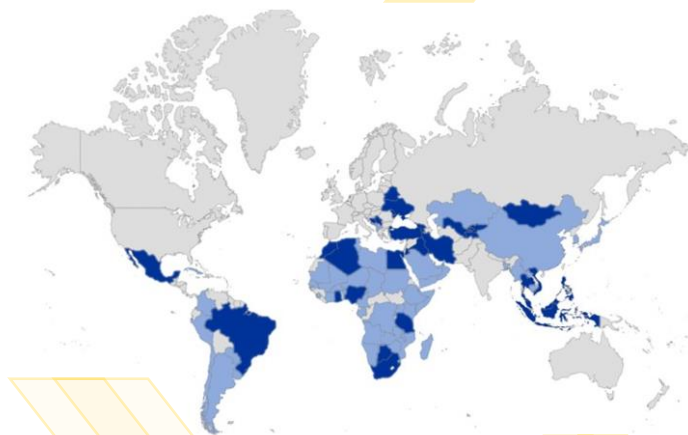
**300 M EUR**  
Budget for 2021-2027

### Beneficiaries of the T&T Programme

The NRAs, TSOs in the Beneficiary Countries and their employees are directly benefitting from the T&T Programme and eligible for financially supported participation in the training and tutoring.

Beneficiary Countries eligible to participate:

- **INSC Partner Countries**
- **countries of regional organizations:**
  - Arab Network of Nuclear Regulators (ANNuR)
  - Asian Nuclear Safety Network (ANSN)
  - Forum of Nuclear Regulatory Bodies in Africa (FNRBA)
  - Ibero-American Forum of Radiological and Nuclear Regulatory Agencies (FORO)



**26 BENEFICIARY COUNTRIES**  
in 2014-2020

The T&T Initiative's regional dimension has been continuously expanding and is open to countries interested in joining



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5<sup>th</sup> project phase of the EU-financed T&T Programme is implemented by a six-member international Consortium, led by the Centre for Energy Research

Training & Tutoring activities (2022 – 2024)

5<sup>th</sup> project phase launched in  
**JANUARY 2022**

**31 MONTHS**  
*project duration*

1-2-week training courses will be held in the EU and specific regions

Latin America

South-East and Central Asia

Eastern Europe

South-East and North Africa

Middle East and Arab Countries

1-2-month tutoring courses (on-the-job-trainings) will be held in EU NRAs/TSOs

- to support cognition and application of best EU and international regulatory approaches, also considering the local needs and specificities
- to provide underlying technical knowledge necessary to comprehend and apply scientific and technological fundamentals and concepts for effective nuclear safety regulation
- to best serve the competence development needs, also ensuring that trained experts maximize the use of acquired knowledge in their daily work

Topics covered include:

- regulation, licensing and enforcement,
- site selection, evaluation and inspection
- inspection of I&C and safety systems
- emergency preparedness and response
- safety assessments for nuclear installations
- regulation of radiation protection in medical and industrial applications
- management of spent fuel and radioactive waste
- public relations, internal, external and crisis communication

The training and tutoring courses announced and open for registration are accessible on the dedicated project website: <https://training.ek-cer.hu>

Enhanced cooperation on nuclear safety regulation

Through the INSC initiative EU sets up international cooperation on the development and implementation of regulatory frameworks and strategies concerning the safe utilization of nuclear energy and raises awareness of transparency in nuclear-related decision making.

To further **facilitate networking, discussing common challenges and opportunities, providing guidance and creating opportunities for cooperation and partnerships on nuclear safety regulation** at regional and global level, a network and dedicated platforms are established.



Read more on: <https://nuclear.jrc.ec.europa.eu/tipins/europeaid-safety-training>

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