



**EU Nuclear Safety**  
**Cooperation with EU Member States and other countries**

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 Directorate-General for Energy  
 European Commission

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## Nuclear: EU's role

Develop strong EU legal framework  
 Support countries outside the EU





Stimulate an open debate and cooperation with stakeholders





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## International Cooperation

- Stress Tests: involvement of neighbouring countries
- Partnership with the IAEA:
  - strengthen safety culture and emergency preparedness
  - new Memorandum of Understanding in preparation
- Revise the international legal framework (Nuclear Safety Convention) to increase:
  - effectiveness,
  - governance, and
  - enforceability




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**EU-EURATOM INSTRUMENTS FOR NUCLEAR SAFETY COOPERATION**

**TACIS: Technical Assistance to the Commonwealth of Independent States (Former Soviet Union): 1991 to 2006**

**€ 1120 million (spent) safety + RN security**

**INSC I: Instrument for Nuclear Safety Cooperation: 2007-2013 Worldwide coverage**

**€ 524 million allocated**

**INSC II: Instrument for Nuclear Safety Cooperation: 2014-2020 worldwide coverage**

**€ 630 million (Commission proposal)**

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**EU 15:** AT, BE, DE, DK, IE, GR, ES, FI, FR, IT, LU, NL, PT, SE, GB

**CIS:** RU, UA, AM, GE, BY, AZ, KZ, TJ, TK, UZ, KG (Tadix Programme)

**New MS or EU 12:** EE, LT, LV, PL, CZ, SK, SI, HU, BG, RO, CY, MT (Phare Programme)

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SEPTEMBER -2012

**FORMER TACIS** **WASTE +REGULATOR**  
**REGULATORY** **SAFEGUARDS ONLY**  
**ALL TYPES**

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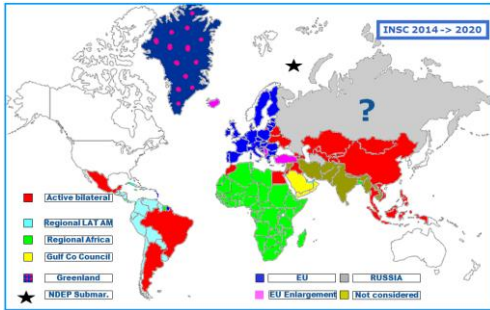
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## International Cooperation

From **bilateral** to **regional** cooperation

From **TACIS** to **INSC II**:

- TACIS aimed to enhance nuclear safety **at the plant**
- With the improvement of the situation, the programme moved towards promoting a **global national safety culture** (from support to operators to support to Regulatory Authorities)
- Today: **regional** approach (remediation of former nuclear site legacy as in Central Asia, working with regional organisations as ABACC, AFCONE...)

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## Instrument for Nuclear Safety Co-operation

Purpose and supporting measures

- a) Promote **nuclear safety culture** by supporting:
- **regulatory bodies and TSO's** and the regulatory framework
  - **on-site assistance** for improvements of design, operation and maintenance of NPPs
  - **safe transport, treatment and disposal of nuclear fuel and radwaste**
  - **strategies for decommissioning** existing installations and the **remediation** of former nuclear sites

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### Instrument for Nuclear Safety Co-operation

- b) regulatory frameworks and procedures to ensure adequate protection against ionizing radiations, particularly for high activity sources
- c) regulatory framework and methodologies for the implementation of nuclear safeguards, including accounting and control of fissile materials at State and operators level



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### Instrument for Nuclear Safety Co-operation

- d) arrangements for the prevention of accidents with radiological consequences, emergency-planning, preparedness and response, civil protection and rehabilitation measures
- e) promote international cooperation (notably with the IAEA) in the above fields, including the implementation and monitoring of international Conventions and Treaties, exchange of information and training and research



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### Instrument for Nuclear Safety Co-operation

- Safety Culture - Safety Standards - Radiation Protection: **€ 186 M**
- Spent Fuel & Radioactive Waste, Decommissioning: **€ 404 M**
- Safeguards outside EU: **€ 31 M**
- Appropriations: **€ 10 M**



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