

## Civil Nuclear Energy Workshop: Partnering for Implementation

OCTOBER 8-9, 2024 | KNOXVILLE, TN

### **Diego Castelliti**

*Nuclear Cooperation Agreements – Team Leader  
European Commission, Directorate-General for Energy,  
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Diego Castelliti is the Team Leader of the Nuclear Cooperation Agreements (NCA) Team, part of the Nuclear Accountancy and International Agreements unit, Nuclear Safeguards Directorate, Directorate-General for Energy, European Commission.



After having obtained the Master Degree in Nuclear Engineering at University of Pisa in 2007, he started working at SCK CEN (the Belgian nuclear research center), in Mol, on the design and safety analysis of the MYRRHA Accelerator-Driven System, pool-type, fast flux experimental and material testing nuclear reactor cooled by Lead-Bismuth Eutectic aimed at proving the concept of transmutation and reduction of radiotoxicity of long-lived fission products. While sustaining the production of radioisotopes. While working at SCK CEN, he obtained a Ph.D. at University of Genova in mechanical engineering with a thesis on the thermal-hydraulic and mechanical design of the MYRRHA primary heat exchanger.

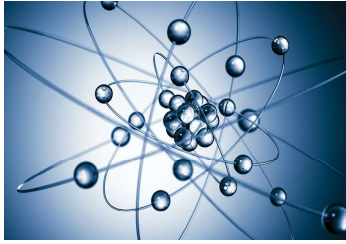
He notably contributed to several EU-funded Framework Programme projects focused on heavy liquid metal cooled Small Modular Reactors design, safety and licensing, covering various coordination positions.

After 13 years, he joined the European Commission, working in the Directorate-General for Energy, Nuclear Safeguards Directorate, Nuclear Accountancy and International Agreements unit, where he assumed the role of international Nuclear Cooperation Agreements (NCA) team leader in 2023, which he still retains.

In this position, his main activities include the implementation of the NCA regulating nuclear material transfers between Euratom and third countries, including USA, Australia, Canada, Japan, UK.

### Organization Overview:

ENER.E.5 is the nuclear accountancy and international obligations unit in the Euratom Safeguards Directorate, part of the Directorate-General for Energy in the European Commission.



**USTDA**  
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Delegate Interests:

Listed topics are sufficient as of now

Topics / subjects the delegate wishes to be included in the Workshop and site visits :

PWR, BWR, sodium-cooled fast reactor, lead and lead-bismuth-cooled fast reactor.