



**BUILDING EUROPEAN NUCLEAR COMPETENCE**  
THROUGH CONTINUOUS ADVANCED  
AND STRUCTURED EDUCATION AND TRAINING ACTIONS

## Supporting Career Path in the Nuclear Fields

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# WHAT IS ENEN?



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## International non-profit association

The European Nuclear Education Network, ENEN, is an **AISBL** established under the Belgian law.

### HISTORY:

It was **originally established** as a non-profit association under the French Law, based in CEA-Saclay, France, in **2003**.

ENEN implemented an **international legal cross-border** restructuring, transferring its activities to Belgium, in **2018**, .

### LOCATION:

ENEN headquarters are in **Brussels**.



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# WHAT DOES ENEN DO?



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## Mission

The main objective is the **preservation and further development of expertise in the nuclear fields by higher Education & Training**

### ACTIONS:

Promote and further develop the **collaboration** in nuclear education and training of students, researchers and professionals

Ensure the **quality** of nuclear education and training

Increase the **attractiveness** for engagement in the nuclear fields for students, researchers and professionals

Promote **life-long learning** and career development at post-graduate or equivalent level



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# WHO IS ENEN?



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# 3 nuclear people, managing day-to-day operations

(supported by a Board of Directors of 10 nuclear professionals)

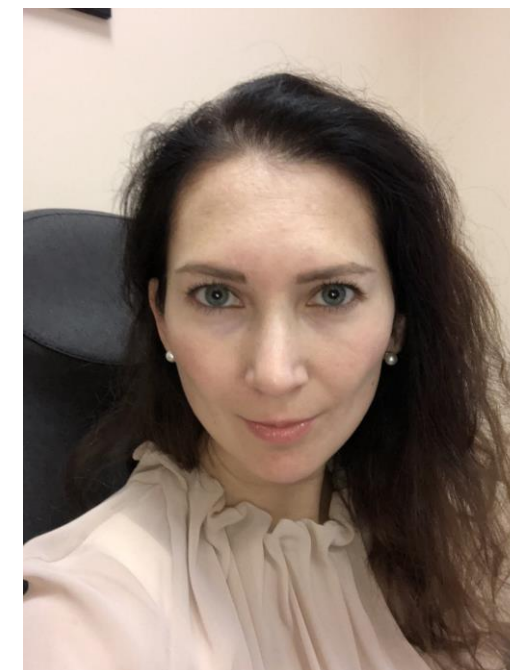
**Gabriel-Lazaro PAVEL**  
Executive Director



**Roberta CIRILLO**  
Communications Officer & Project Manager



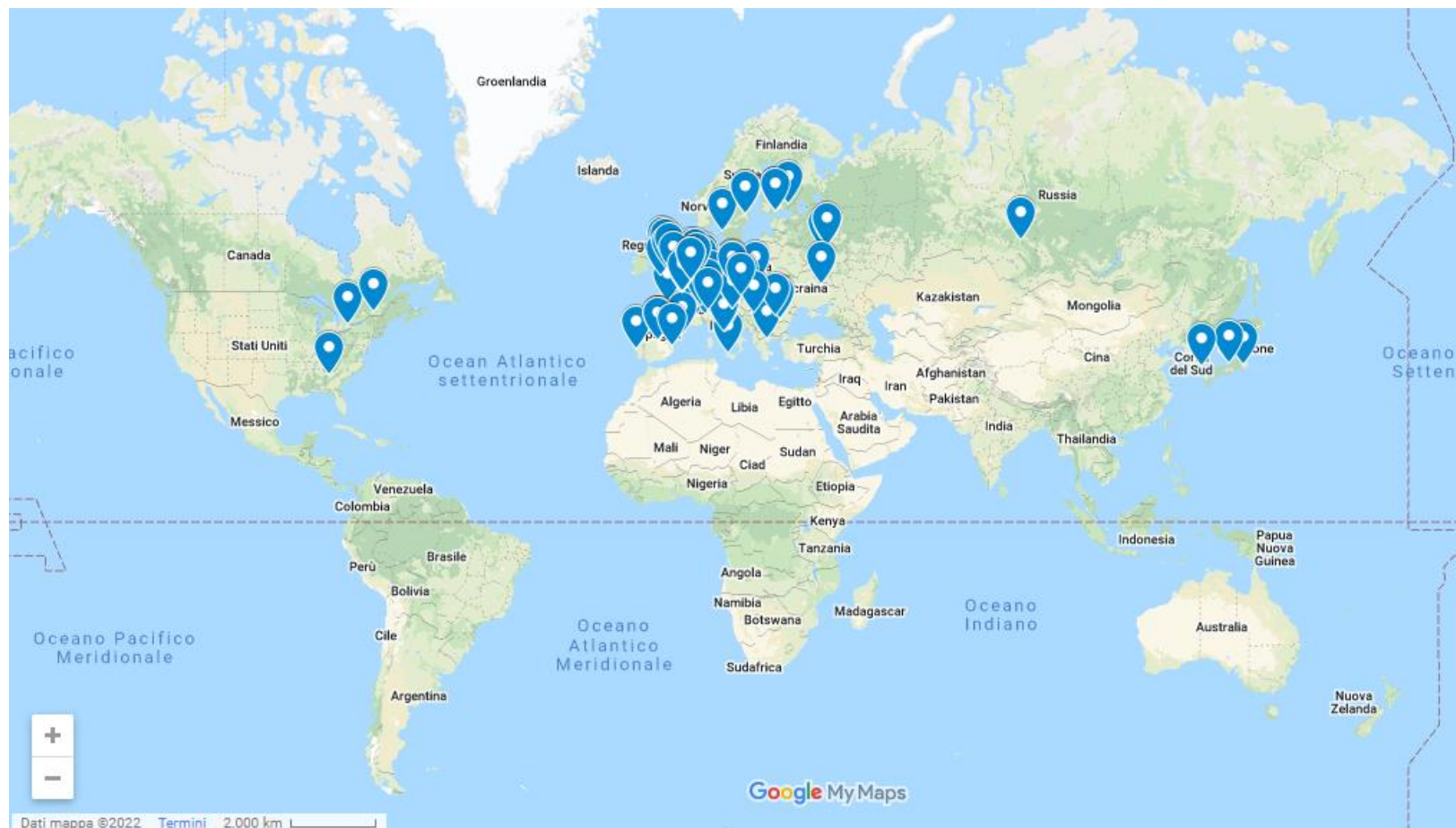
**Kateryna PILIUHINA**  
Project Manager



# The LARGEST E&T network in Europe

88 Members  
25 Countries

Almost 20 years of activity







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# WHAT DOES ENEN HAVE TO OFFER?



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# EMSNE - European Master of Science in Nuclear Engineering

## Complementary Master Certification

### Main Requirements:

- 5 years university education
- 60 ECTS “purely nuclear”
- 20 ECTS obtained from different country institution, member of the ENEN Association
- Master thesis successfully defended

### OBJECTIVES:

- **Certify and secure the highest standards of Quality in the Nuclear Education in Europe**
- Ensure the highest Quality of **Training** provided to European Nuclear students
- Encourage and develop a **common Nuclear Safety Culture** throughout Europe,
- Foster the international exchanges to **create a network** of nuclear engineers and scientists of different nationalities, aiming to promote the contact and collaboration

## EMSNE 2022 – Award Ceremony at 31 NENE Conference, Portoroz, Slovenia



Applications  
for 2023

**CURRENTLY  
OPEN**

<https://enen.eu/index.php/emsne-certification/>

EMSNE 2023 – award ceremony will be held in September during the celebration of ENEN 20th birthday



Applications  
for 2023 OPEN  
READ THE  
BY – LAWS

<https://enen.eu/wp-content/uploads/2019/08/enen-a-taac-by-laws-emsne.pdf>

## PhD Event & Prize

Organized to promote and support the work of young researchers in Europe

### Qualification for application:

- PhD **students studying or working** at one Institute listed among [ENEN Members](#) in any nuclear field,  
**or**
- must have **completed their PhD** studies at one Institute listed among ENEN Member **after the deadline** for application for the **previous ENEN PhD** Event.

### The **criteria for the selection** of the participants are:

- **Quality** of their research work,
- Proof of **achievements** congruent with a 3<sup>rd</sup> year PhD candidate career



# PhD Event & Prize 2022 – at FISA EURADWASTE in Lyon (France)





## ENEN PhD Event & Prize 2023



### Scope

The ENEN PhD Event & Prize is an action of the European Nuclear Education Network (ENEN) to support the Research and Science in the Nuclear fields promoting the works of the young scientists and researchers in:

- Nuclear engineering and safety
- Nuclear materials sciences
- Radiochemistry
- Waste & disposal and decommissioning
- Medical applications
- Radiation protection
- and other nuclear applications

It is co-sponsored by ENEN, the European Commission Joint Research Centre (JRC), and the organizer of the international conference.



### YOU

- Are a **PhD student** working on a topic in one of the domains listed or you obtained your PhD in 2022.
- Are eager to share your research results with peers and professionals in a multidisciplinary environment.
- Want to have a unique opportunity to network and meet fellow students and nuclear professionals
- Want to take a chance to win 1000 euro

Application form and more information:  
<https://enen.eu/index.php/phd-events/>



*Finalists will receive financial support to attend ENYGF 2023 (to cover travel, accommodation, registration fee)*

### Important steps

- Application with abstract and motivation letter
- Preselection in each nuclear domain
- Selection of finalists by jury of experts
- Presentation of selected work at



### Important dates

- 13 February 2023 Deadline for application
- 06 March 2023 Notification finalists
- 10 May 2023 ENEN PhD Event & Prize Award ceremony @ENYGF conference, Kraków, Poland

Applications  
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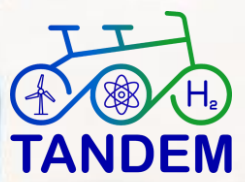




T&T



SECURE



E&T in nuclear



Radio Prot & Safety for NRAs

Leadership for safety

More nuclear E&T opportunities



Radio chemistry



T&T



Research facilities

Flow Induced Vibrations

Access to infrastructure

Fuel recycling

Safeguards

ARIEL



SMRs & energy mix

Reactor Physics

SMRs

Research Reactors

Radio-Isotopes



# Visibility & Networking

## For ENEN Members

### ACTIONS:

Promote **collaboration** via common actions in E&T in nuclear

**Participation** to ENEN General Assembly, a privileged place of discussion and exchange among Nuclear realities and the European Institutions Representatives.



# Thank you for your attention

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THROUGH CONTINUOUS



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