



Dear Partners and Members,

A warm welcome to the 7th issue of our newsletter. We hope you will enjoy this new way to keep you up to date with our activities.

ENEN Implementation team members:



Dr. Gabriel Lazaro Pavel
Executive Director



Ms. Roberta Cirillo
Communication Officer



Ms. Shaminder
Administrative Controller

ENEN2plus Kicked Off

ENEN new flagship project kicked off at the end of June. With an hybrid meeting held in Brussels, 53 partners came together to present their actions for the next 4 years of nuclear education and training.

ENEN2plus will be the largest cross border mobility action to date. 2.5 Million euros are expected to finance the mobility of more than 1000 people doubling the figures of the previous ENENplus project.

Creation and Dissemination of a Master Module in Leadership for Safety

Within the [ELSE project](#), a vocational training master level diploma has been developed by Université Cote d'Azur (UCA). It includes three modules: 1) From regulated to managed safety in high risk environments, 2) Leadership for safety, 3) Developing efficient leadership practices for improving safety in the nuclear sector. This course, which includes a 30 hour MOOC, a ten day face to face session at UCA and a 6 month personal tutored project, was built by a team of academics and experts from the nuclear sector and will be held for the first time in September 2022. Selected attendees are 22 (16 from INSC countries will benefit from EU funded grants). On the basis of the ELSE syllabus, MOOC included, the ELSE project foresees that **a master module** on leadership for safety will be elaborated in cooperation with interested universities, taking into account the specific context of a University Master diploma. This ELSE master module could in particular be integrated as an option in a Master Program in nuclear engineering. To know more about

A Word from Our Newly Elected President:



Dear ENEN Members,
Colleagues and Friends,

Rapid knowledge transfer, technological development and the flow of information have a serious impact on our lives, our scientific work and nuclear safety. All of these activities require a significant amount of energy. ENEN can support nuclear science to bring greener energy for Europe and all over the world.

Nuclear science has long been regarded as equivalent to nuclear engineering, but nowadays it has extended to nuclear medicine, radiobiology, radiochemistry, radioactive waste management, decommissioning, safeguards, agriculture, space research and other peaceful applications of radioactive materials and ionising radiation.

Since the safe application of nuclear technology is essential, these different scientific fields are all connected by radiation protection.

The strategic goal of the ENEN Association is to preserve and maintain further developments in education, training,

it, please get in touch with Natalia Jubault-Krasnopevtseva (Natalia.KRASNOPEVTSEVA@univ-cotedazur.fr).

FOLLOW UP ON OUR INITIATIVES



All the mentioned projects have received funding from the European Commission.

This publication reflects only the authors' view and the European Commission is not responsible for any use that may be made of the information it contains.

TOURR: Towards optimized use of research reactors in Europe.

After almost 2 years the TOURR consortium will gather in person in Poland at the beginning of October. Meanwhile, TOURR has been presented at several conferences, among which the [European Research Reactor Conference](#) in Budapest. More about the TOURR project, [here](#)

SaTE: Safeguards Training and Education.

The 24 students enrolled in the Specializing Master are currently attending the Basics and Advanced Labs. They have been granted funds to visit laboratories across Europe in order to prepare their final dissertation in Nuclear Safeguards. Further information [HERE](#), and [HERE](#)

ECC-SMART: Joint European Canadian Chinese development of Small Modular Reactor Technology.

Advancements have been made in the calculations for: thermal hydraulics and safety for SCW SMRs, and also neutron physics for the same type of reactor. At this moment, the consortium is looking into providing open data and adding it into MatDB. For more detailed information, visit the project website [HERE](#).

A-CINCH: Augmented Cooperation in Education and Training in Nuclear and Radiochemistry.

An Hands-on-Training on analysis of alpha, beta and gamma emitters by radiochemical spectroscopic techniques took place at the Jožef Stefan Institute, Reactor Centre in Ljubljana, (Slovenia) in mid-June. 6 students have gained some hands-on experience in determining uranium in calcite samples, Po-210, Pb-210 in fish samples and Cs-137 in water. More calls for mobility will be opened in the next months. [Here](#) for further information on the project.

GRE@T PIONEER Graduate education alliance for teaching the physics and safety of nuclear reactors.

Sign up [HERE](#) for the project newsletter and check the project [website](#) for all the updates.

ARIEL: Accelerator and Research reactor Infrastructures for Education and Learning.

Hands-On school on the production, detection and use of neutron beams: HiSPANoS, will take place next September in Seville (Spain). Stay tuned for more opportunities to come. Visit the Ariel [website](#) for more information.

knowledge, skills, attitudes, competencies and safety cultures of personnel involved in the industry, academia, medicine and regulatory organizations in Europe and to help the training and tutoring of experts from non-EU countries worldwide.

Coilla Pesznyák

ENEN Events & Initiatives for students and members

PhD Event and Prize 2022

This year ENEN PhD Event and prize took place during the Euratom Conference [FISA 2022 – EURADWASTE'22](#).

Finalists competed in a friendly environment and defended their PhD thesis in front of the jury as well as their peers.

Lubomír Bureš, Chloé Cherpin, Nicoló Abrate were this year winners and they will receive 1000€ each.

To know more about the ENEN PhD Event and Prize, visit [our website](#).

EMSNE 2022 - European Master of Science in Nuclear Engineering

The ceremony will take place during the [NENE2022 conference](#) September 12-15th 2022 in Portoroz, Slovenia (further details will follow)

ENEN2Plus mobility opportunities coming

The first call will open soon, make sure to keep an eye on www.enen.eu and to follow ENEN on all our social channels. (Icons with hyperlinks in the footer)

FOLLOW US



For suggestions: secretariat@enen.eu