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ENEN contribution to the development of SMR human resource

The European Nuclear Education Network –ENEN is an association of more than 90 representatives of higher education institutions, research organisations, technical support organisations and nuclear industry.
In recent years the Small Modular Reactor –SMR technologies brought a new revival of the nuclear as environmentally friendly and clean energy source. The SMRs represented the innovation that new generations brought as a follow up of decades of safe utilization of well-known technologies used as large scale energy sources.
Today, the SMR technology is perceived as a solution to replace other environmentally unfriendly technologies or as a solution to bring energy to remote locations. Also, small communities can benefit of clear energy from a clean source.
In order to safely develop, build and exploit such technologies, qualified workforce is needed. Some of these EC funded projects like TANDEM (fitting SMRs into hybrid energy systems) or ECC-SMART (joint EU-Canada-China related to SCWR-SMR) are trying to set the base for future SMR development.
The European Small and Advanced Training Academy –ESTA, an initiative developed in 2023 by ENEN targets to correlate the education and training initiatives at EU level in order to avoid redundancy and increase efficiency in educational actions targeting SMR reactors.

Country OR International Organization

Belgium

Email address

gabriel.pavel@enen.eu

Confirm that the work is original and has not been published anywhere else

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Author: PAVEL, Gabriel Lazaro (European Nuclear Education Network)

Co-author: Mrs PILIUHINA, Kateryna (European Nuclear Education Network)

Presenter: PAVEL, Gabriel Lazaro (European Nuclear Education Network)

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