

European Nuclear Education Network (ENEN). Ten years of experience

Thursday 15 May 2014 17:05 (15 minutes)

The European Nuclear Education Network, whose mission is the preservation and further development of expertise in the nuclear fields by higher education and training, has recently celebrated its 10th birthday (September 22, 2013). During the last decade the Association was established as a spin-off of a European Project, took off and gained momentum, acquiring a huge number of member Institutions (64 presently).

Several European projects were run in this period under the coordination of the Association or with its active cooperation, leading to tangible results in terms of mutual recognition of curricula, of the establishment of the European Master of Science in Nuclear Engineering certification, of organising PhD Events and of contacts among Member Institutions, thus favouring student and teacher exchanges. Part of this effort was spent in order to address non-European Countries, aiming at enlarging the cooperation already established at the European level with several MoUs and practical agreements.

In particular, in these years ENEN actively participated in several Euratom Fission Training Schemes (EFTS) and coordinated contributions coming from its Members to better achieve mutual recognition and harmonisation of their high level studies. The initial focus on Nuclear Engineering broadened to include also the fields of waste management and radiation protection, providing full scope educational opportunities in the nuclear sector and making use of the European Credit Transfer system (ECTS) to promote curricula establishment and recognition. Training was also added to the classical educational core business of academic institutions, involving industry and training centres in the development of curricula for specific target groups of engineers. The initiatives of the Members during these years also involved the use of instruments developed to favour borderless mobility and high level education and training, including the Erasmus scheme and KIC-InnoEnergy. Currently is running the NUSHARE project.

Author: Prof. AMBROSINI, Walter (European Nuclear Education Network (ENEN))

Co-authors: Prof. DIES, Javier (European Nuclear Education Network (ENEN)); Mr DIEGUEZ, Pedro P. (European Nuclear Education Network (ENEN))

Presenter: Mr AMBROSINI, Walter

Session Classification: Session 5A - Knowledge Networks