

Education and Training for Leaders in Nuclear Decommissioning Projects

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Many nuclear facilities in the World already arrived at the end of their lifecycle, or they will arrive in the coming years. The number of Nuclear Decommissioning Projects (NDPs) in the World will increase from 50 today to over 400 by 2040. This also considers many emerging countries that will begin the decommissioning of their existing Nuclear Power Plants (NPPs) and Nuclear Research Reactors (NRRs) in the coming decade. However, these kinds of projects are very complex and involve important challenges that present a technical-organizational nature. As existing training programs mainly address the technical aspects of NDPs, the European Commission (EC) decided to support the Decommissioning Management and Leadership for Safety Education (DMaLSE) project. Entrusted by Université Côte d'Azur (UniCA) in partnership with SKEMA Business School, Karlsruhe Institute of Technology (KIT) and Jacques Repussard Conseil, DMaLSE follows the success of the European Leadership for Safety Education (ELSE) training. ELSE is a unique Master-level training programme that helps managers acquire capabilities in leadership for safety in complex, high risk, and highly regulated environments. In the nuclear sector, with focus in the decommissioning activities, DMaLSE will train participants to deepen their understanding of complex interactions between socio-organizational and technical aspects of NDPs, as well as develop relevant management and leadership for safety competencies. Besides serving the needs of European nuclear operators and regulators, DMaLSE has the potential to support the cooperation policy objectives of the EC towards INSC (Industry for Nuclear Safety Cooperation) countries, many of whom are already or will be engaging in NDPs.

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