

EU Tutoring Course on “Reactor safety technology and NPP safety”	
Duration	2 M
Content	<p>The tutoring will ensure an optimum transfer of know-how in the context of nuclear reactor technology and nuclear safety at both level of the nuclear reactor and of the NPPP as all.</p> <p>It will cover nuclear power reactor technology, buildings, systems, layout, design safety conception of current available technologies, safety functions, operating experience, evaluation of different conceptions and design solutions adopted by different vendors.</p> <p>Evaluation of design solutions with respect to safety objectives and safety principles and requirements, content of SAR and PSA to analyze the NPP safety level. Consideration of aspects related to nuclear fuel cycle and RW long term management. The generation IV of nuclear reactors will be also included in the tutoring activity.</p>
Achievement	Consolidate knowledge of key aspects of nuclear technology available today and future perspective and of the current, and expected enhancement, nuclear safety conception and regulatory requirements.