

Introductory course on EURAD and Radioactive Waste Management

September 14, 2020 | Video conference (streamed and recorded)

Preliminary Programme

08:30 – 09:00 h	Registration & Welcome
09:00 – 10:15 h	<p>Framework for radioactive waste disposal</p> <p>Overview of Radioactive Waste Management in Europe</p> <p>View of European Commission on Waste Directive</p> <p>Legislation and Regulations</p>
10:15 – 11:00 h	<p>Introduction to the European Joint Programme on Radioactive Waste Management (EURAD)</p> <p>Scope, vision, goals and objectives of EURAD/Strategic Research Agenda/Governance</p> <p>Scientific themes addressed by EURAD</p> <p>Challenges for EURAD/Expected impact of EURAD</p> <p>Presentation of the different actors (TSO/WMO/CSO/RE/Waste producers)</p>
11:00 – 12:00 h	<p>Nuclear Fuel Cycle and Radioactive Waste</p> <p>Origins of spent nuclear fuel</p> <p>Radioactive waste characterization and conditioning</p>
12:00 – 13:00 h	Lunch
13:00 – 15:30 h	<p>Disposal Concepts</p> <p>Engineered Barrier Systems</p> <p>Surface disposal (e.g. France, Spain)</p> <p>Geological disposal: Siting and advances programmes (e.g. Finland, France, UK)</p> <p>Small radioactive waste disposal programmes (e.g. Greece, Denmark)</p>
15:30 – 17:00 h	<p>Facility design</p> <p>Pilot and large scale testing</p> <p>Construction and operation</p> <p>Societal concerns related to siting and facility operation</p>
17:00 – 18:00 h	<p>Safety analysis and safety case</p> <p>Safety requirements and scenario's</p> <p>Status of European safety cases</p> <p>Importance of uncertainty</p>
18:00 – 18:15 h	Closure