

14th Edition of the Summer School on Nuclear Decommissioning and Waste Management

on **24-28 June 2024** in Ispra, Italy

Organized and hosted by the
Joint Research Centre (JRC)

the science and knowledge service of the
European Commission



Supported by:



What is nuclear decommissioning?

When a nuclear facility ceases its normal operation, a multifaceted process of dismantling, decontamination and other works starts. 'Decommissioning' means all these steps leading to the release of a nuclear facility from regulatory control.

A career in nuclear decommissioning and waste management offers:

- A job in an emerging domain, with perspectives of career development
- Challenging technological opportunities
- Personal development of competences across various disciplines
- Opportunities for mobility
- Accomplishment in serving a 'noble cause', as it aims at restoring a safe environment

The course offers:

A 5-day overview of the main aspects of nuclear decommissioning and waste management through classroom training, nuclear facilities visits and practical case studies.

A voluntary test (for students who wish to obtain a course certificate).

Opportunity to meet representatives of European industrial companies involved in decommissioning.



Why follow this course on nuclear decommissioning?

In the European Union several nuclear facilities are closed or may stop their operation in the coming decade. The need to proceed with decommissioning creates a potential for new industrial activities. The availability of qualified personnel to support the emerging decommissioning market is an asset for the European industry.

Whom is the course organised for?

The present JRC-Ispra Summer School is addressed to students with a graduate degree pursuing a master in the area of engineering, science and technology, who have not yet a professional activity and want to profit from their holidays' time to enrich their curriculum in an area that offers new technological challenges.



COURSE PROGRAMME

Monday 24 June

INTRODUCTION

What does a nuclear facility look like? What are 'decommissioning and waste management'? Why is it important? How is it organised in Europe?

PLANT CHARACTERIZATION

RADIOACTIVE WASTE in detail

Tuesday 25 June

IAEA ROLE

International context and role of the IAEA to support Member States in nuclear decommissioning

NUCLEAR DECOMMISSIONING – Practical cases

INTRODUCTION TO RADIATION PROTECTION

What are radiation risks? How to protect ?

Wednesday 26 June

NUCLEAR DECOMMISSIONING – Plant visit

Thursday 27 June

LICENSING PROCESS

FUNDING AND COST CONTROL

Visits to JRC-ISPRANUCLEAR INSTALLATIONS

Friday 28 June

SOCIAL ASPECTS

How to answer the concerns of the society?

KNOWLEDGE MANAGEMENT

FINAL VOLUNTARY TEST FOR CERTIFICATE

(detailed program will be available on 15 April 2024)

How to register?

If you are interested, please fill-in the application form attached to the invitation and mail it with copy of your student card to Functional Mail box:

JRC-DSS@ec.europa.eu

Your application will be reviewed and you will receive as a next step a confirmation and detailed logistic information.

The course is limited to 40 participants.

How much does it cost?

The course is supported by the European Commission Joint Research Centre and is thus free of charge for accepted students. The support will cover the courses, the accommodation (hotel 5 to 6 nights, full board) and internal transports.

Accepted applicants are expected to organise and pay for travel to and from Ispra and other subsistence expenses.*



The Summer School is part of the

European ELINDER project

Aiming to raise the interest of students and professionals and to stimulate careers in this important and emerging field, by offering a set of attractive theoretical and practical learning opportunities.

The Summer School on Nuclear Decommissioning and Waste Management is one of the Generic ELINDER Courses, introducing the topic of nuclear decommissioning



For more information on ELINDER:

[ELINDER website](#)

For questions on ELINDER please contact:

- Andrea Piagentini: andrea.piagentini@ec.europa.eu
- Arianna Nirni: arianna.nirni@c.europa.eu
- Alessandra Bonfiglio: alessandra.bonfiglio@ec.europa.eu

* For *accepted* students, travel costs may be subject to partial reimbursement through the EU ENEN+ project.

