



I2EN Master Class on Strategic Fundamentals for New Nuclear



06/23/2025 to 06/27/2025



I2EN
International Institute
of Nuclear Energy

Experience the nuclear sector like never before

This exclusive **Master Class on Strategic Fundamentals for New Nuclear** provides a unique opportunity to delve into the inner workings of a strongly experienced nuclear ecosystem. France is home to one of the most sophisticated nuclear power programmes in the world, built on decades of industrial excellence, regulatory rigor, and global project experience. Designed to go beyond theory, the program immerses participants in the practical realities of developing a successful nuclear programme.

More than just another lecture series, this is an interactive experience where you will learn directly from industry leaders and decision-makers shaping France's nuclear future. Through high-level discussions, presentations of real-life case studies and practical insights from leading experts, participants will gain an in-depth, strategic understanding of the key factors that lead to successful nuclear projects.

Key features of the program include:

- **Direct engagement with experts:** collaborate with top professionals from French governmental bodies, industry leaders, and institutions.
- **Field-tested solutions:** explore proven strategies through real-world case studies and practical examples.
- **Networking opportunities:** build connections with high-level experts across the entire nuclear ecosystem, paving the way for future collaborations.
- **Immersive learning:** gain firsthand exposure to operational practices within France's nuclear sector.

More than a learning opportunity, this is your chance to step inside one of the world's most advanced nuclear industries. You will leave equipped with actionable insights and practical strategies that can be directly applied to your own programmes and projects.

Target audience

The Master Class targets participants from countries launching or expanding a nuclear energy programme, such as:

- Government officials and policymakers developing national nuclear strategies,
- Executives and senior managers in public services, industry and investment companies,
- Regulators and financial institutions assessing the viability of nuclear projects,
- Advisors and decision-makers involved in major nuclear energy programs.

This is a high-impact, executive-level course designed for those responsible for making key strategic decisions in the nuclear sector.

Overall agenda



Module 1: Strategic Foundations for Launching a Nuclear Power Programme
Main considerations in the pre-decisional phase



Module 3: Industrial Challenges and Opportunities in NPP Projects
Expectations for nuclear power plant owners/operators



Module 7: Building Human Capacity and Knowledge
Workforce planning, education, training, knowledge management

SITE VISIT

Day 1

Module 2: Key Characteristics of Nuclear Power
Safety, security, safeguards, emergency preparedness

Day 2

Module 4: Building the Business Case for Nuclear Power
Funding and financing, economic benefits, public acceptance

Day 3

Module 5: Setting the frame: legal and regulatory aspects
Establishing a robust foundation for safe and effective nuclear governance

Day 4

Module 6: Setting the scene: laying the grounds
Site related aspects and hard infrastructure requirements

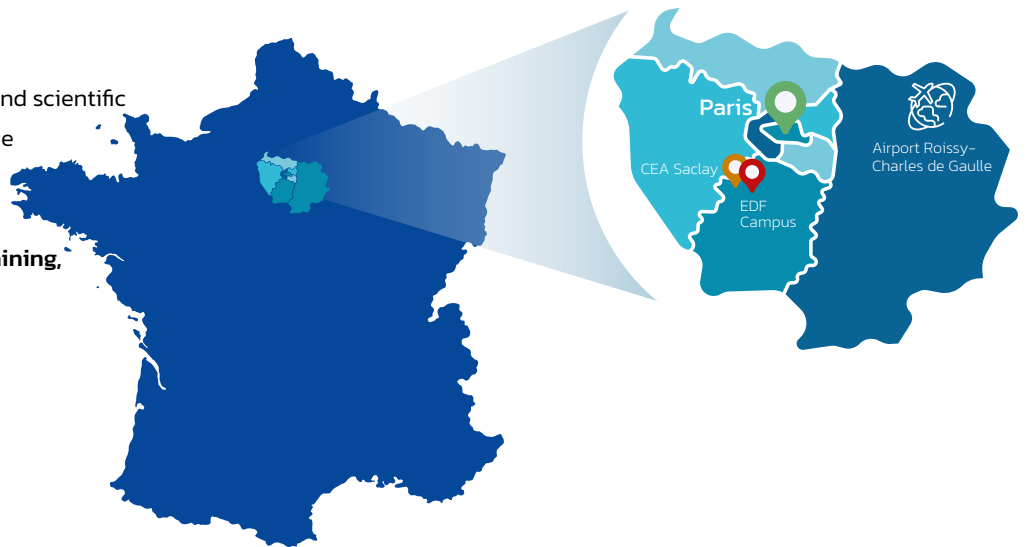
Day 5

Module 8: Fuel Cycle and Radioactive Waste Management
Ensuring sustainable solutions for the future



Site visits

A one-day visit to educational and scientific facilities in the Saclay area will be organised. These mixed visits will provide a balanced focus on **research, innovation, and training**, while keeping the day efficient and impactful for participants.



Registration and Information

Registration for the Master Class is conducted through an application process. Interested candidates can submit their application through an online form (see QR code below). After the application period closes, selected candidates will receive a confirmation and instructions for registration.

The deadline for application is set to **May 11, 2025**.

The registration fee is €1,920 incl. VAT. A discount is available for certain institutions, governmental organizations, or for countries wishing to register a multi-participant delegation (please contact us).

The Master Class courses will be held at Tour Alto (La Défense, Paris), near the Esplanade de La Défense metro station on line 1.

This Master Class will be conducted entirely in English.



Are you interested in this course?
Scan the QR code to access our application form.

For more information, check our website: www.i2en.fr/en/events/



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