



OFFICIAL BOOKLET

SNETP FORUM **2026**

25-27 March 2026

2026
SNETP
FORUM

Madrid, Spain

INDEX

1. *SCOPE OF THE SNETP FORUM 2026*

2. *AGENDA OVERVIEW*

3. *THE VENUE*

4. *DAY 1 Sessions details*

5. *DAY 2 Sessions details*

6. *DAY 3 Sessions details*

7. *SOCIAL EVENTS*

8. *SPONSORS & PARTNERS*

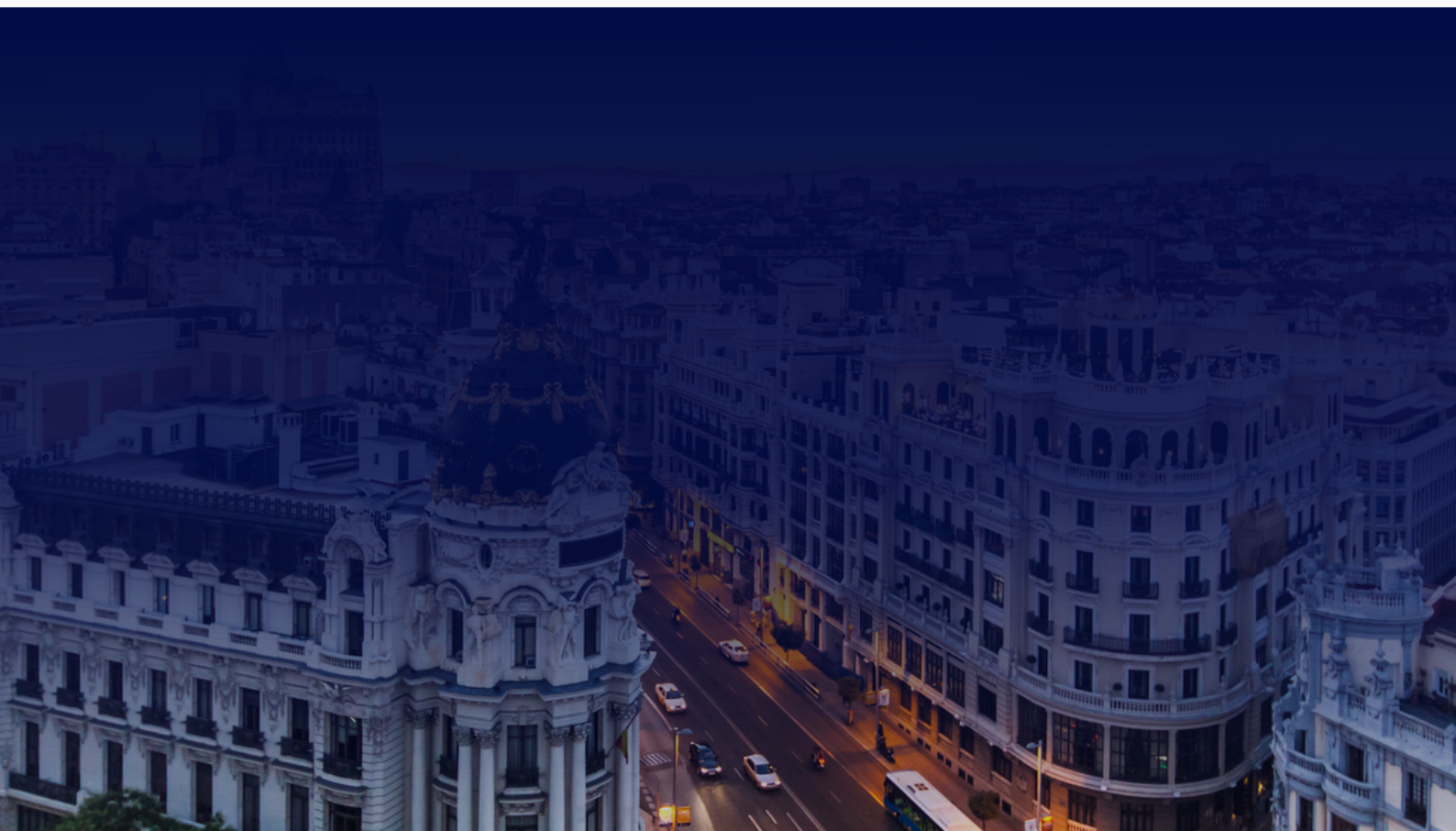


SCOPE OF THE **SNETP FORUM 2026**

The SNETP Forum 2026 will explore recent technological and scientific progress in advanced nuclear technologies, including SMRs and AMRs, safety, non-electric applications, long-term operation (LTO), and improved NPP performance. The objective is to assess how these innovations can enable the nuclear sector to strengthen its contribution to climate change mitigation and adaptation.

Based on results from recent collaborative projects, the Forum will identify key topics of common interest for the European community, helping to shape future R&D&I priorities and projects, and promoting knowledge transfer and harmonisation of best practices across the EU and beyond.

The programme will combine strategic plenary sessions with technical parallel sessions, ensuring diversity and inclusion of transversal topics such as digitalisation, integration with other energy sources, and fuel cycle back-end. Young Generation involvement and collaboration with international networks will be encouraged.



AGENDA OVERVIEW

DAY 1 - 25 March 2026

13:30 - 15:30

PLENARY SESSION

Auditorium *The role of nuclear fission in Europe's energy systems*

16:00 - 18:00

PARALLEL SESSIONS

Auditorium *New Nuclear projects (financing, planning, construction)*

J. Maritain Room *Long-Term Operation*

Newman Room *Non-electric Applications*

DAY 2 - 26 March 2026

09:00 - 10:00

PLENARY SESSION

Auditorium *Small Modular Reactors advancement in the EU*

10:30 - 12:30

PARALLEL SESSIONS

Newman Room *Hybrid Energy Systems*

Auditorium *Digitalization & Artificial Intelligence (Demos)*

J. Maritain Room *Advanced Fuels & Materials*

LUNCH BREAK

LUNCH BREAK

LUNCH BREAK

14:00 - 15:30

PLENARY SESSION

Auditorium *Current status of Nuclear energy in the Spanish energy mix*

16:00 - 18:00

PARALLEL SESSIONS

Auditorium *LWR Small Modular Reactors*

J. Maritain Room *Innovation in the Nuclear sector*

Newman Room *Advanced Modelling & Simulation*

DAY 3 - 27 March 2026

09:00 - 11:00

PARALLEL SESSIONS

Auditorium *Advanced Modular Reactors (AMR) & Generation IV*

J. Maritain Room *Safety and licensing (Role of R&D)*

Newman Room *Waste management and decommissioning*

11:30 - 12:30

PLENARY SESSION

Auditorium *Collaboration as a driver for innovation*

Wrap-up and conclusions

THE VENUE

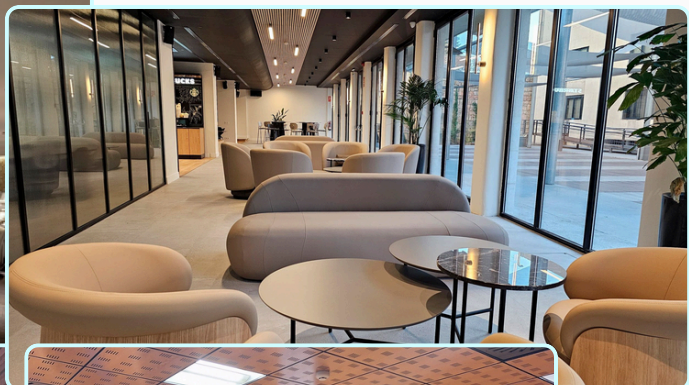
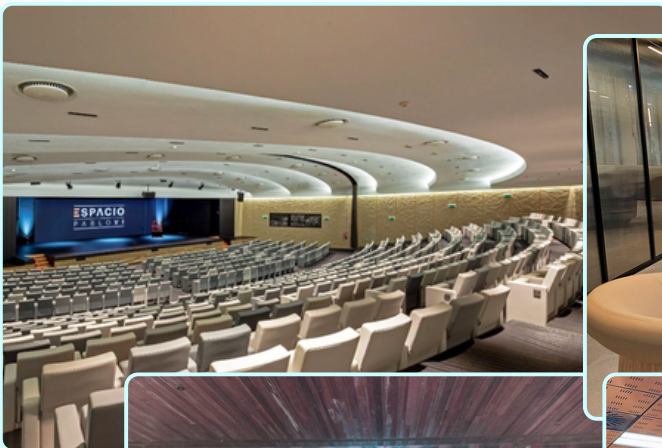
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Visit their web [here](#).
Map it in [google maps](#).



DAY 1 - 25 March 2026

PLENARY SESSION
13:30 - 14:00
Auditorium

Welcome and Opening of the SNETP FORUM 2026



Bernard Salha
President of SNETP (EDF)



David Serrano
IMDEA Energy



Yolanda Benito Moreno
CIEMAT



Javier Dies
CSN and CEIDEN

PLENARY SESSION
14:20 - 15:30
Auditorium

The role of nuclear fission in Europe's energy systems

- *Incentives for Long term operation*
- *Ensuring Economy/Competitiveness/ availability and security of energy*

Moderator



Bernard Salha
President of SNETP (EDF)



Aline des Cloizeaux
IAEA



Stefan Kopecky
JRC



Neva Espinosa
EPRI



Andrei Goicea
nucleareurope



Sergi Milà
Technatom-
Westinghouse



Stephane Sarrade
CEA/GIF
Chair



DAY 1 - 25 March 2026

PARALLEL SESSION
16:00 - 18:00
Auditorium

New Nuclear projects (financing, planning, construction)

- Experience on international and European project financing
- Review of and updates about the new European nuclear projects in development
- Viewpoints on the establishment of a new European nuclear skills base and supply chain

Moderators



**Paul
Nevitt**

**Iain
Darby**

UKNNL



**Lou
Martinez**

Westinghouse



**Steve
Chengelis**

EPRI



**Zbigniew
Krysiak**

SGH



**Mathieu
Scherer**

NUWARD



**Pieter
Dehairs**

Tractebel



**Isabel
Parrado**

Westinghouse



**Salim
El Bouzidi**

Metroscope



**Federica Pancotti &
Valerio Piscini**

Sogin



PARALLEL SESSION
16:00 - 18:00
J. Maritain Room

Long-Term Operation

- Modernization, modification, refurbishment projects or power uprate projects for LTO
- Safety analysis for design modification considering internal/external hazards
- Verification and validation of new technologies

Moderators



**Paolo
Ferroni**

**Jean-Christophe
Huchard**

Westinghouse

EDF



**Faiza
Sefta**

OECD-NEA



**Federico
Rocchi**

ENEA



**Pieter
Hellings**

Tractebel



**Marie
Bertholot**

EDF/MAI



**Alec
McLennan**

Amentum



**Hannu
Malmberg**

Fortum



**Yves
Derriennic**

Westinghouse
Belgium



**Mohamed
Ben Chouikha**

GeePs



DAY 1 - 25 March 2026

PARALLEL SESSION

16:00 - 18:00

Newman Room

Non-electric Applications

- *Cost competitiveness of nuclear heat, H2 and other energy products*
- *The European market for decarbonised heat*
- *Pathways to demonstration and deployment of co-generation*

Moderators



**Michael
Fütterer**
JRC



**Candice
Boudet**
CEA



**Józef
Sobolewski**
NCBJ



**Michael
Fütterer**
JRC



**Alina
Constantin**
IAEA



**Allan
Simpson**
Equilibron



**Fabio
Nouchy**
Tractebel



**Gianni
Bruna**
Calogena



DAY 2 - 26 March 2026

PLENARY SESSION
09:00 - 10:00

Auditorium

Small Modular Reactors advancement in the EU

- Technological maturity of new designs and the role of R&D in accelerating a multi-lateral licensing process
- Need for new energy and decarbonization means for the industry

Moderator



Peter Baeten

SNETP Vice President (SCK CEN)



Michele Frignani

Ansaldo Nucleare



Kiki Lauwers

Thorizon



Nicolas Zweibaum

HEXANA



Pascal Charles

EDF

PARALLEL SESSION
10:30 - 12:30

Newman Room

Hybrid Energy Systems

- Modelling tools for HES (suitability for including nuclear, tool validation)
- Modelling of economics (LCOE vs. LCA, impact of assumptions, how to ensure the reliability of results)
- Effect of flexibility (e.g., power ramping) on lifetime, performance and economy

Moderators



Claire Vaglio-Gaudard

CEA



Albannie Cagnac

EDF



Marco Ricotti

POLIMI



Cecilia Herrero-Moriana

Westinghouse



Nicolas Moulin

NEEXT



Sylvain Takenouti

EDF



Iain Darby

UKNNL



Martin Scheepers

TNO



DAY 2 - 26 March 2026

**PARALLEL SESSION
10:30 - 12:30**

Auditorium

**Digitalization & Artificial Intelligence
(Demos)**

- Modernization, modification, refurbishment projects or power uprate projects for LTO
- Safety analysis for design modification considering internal/external hazards
- Verification and validation of new technologies

Moderators



**Christophe
Schneidesch**
ENGIE



**Szabolcs
Szávai**
AEMI



**Aurélien
Schwartz**
Metroscope



**Agnieszka
Czeszumaska**
EPRI



**Nicolas
Bousquet**
EDF



**Sergio
Canil**
NFQ



**Mateo
Ramos**
Westinghouse



**Manuel
Sainz**
EAG



**Louis Bal-
Dit-Sollier**
EDF

**PARALLEL SESSION
10:30 - 12:30**

J. Maritain Room

Advanced Fuels & Materials

- Fuel resilience under accident conditions (including ATF development)
- Materials for high burnup and closed fuel cycles
- Multi-scale modelling of microstructural evolution under irradiation
- Corrosion-resistant materials

Moderator



**Marjorie
Bertolus**
CEA



**Joris Van
den Bosch**
SCK CEN



**Murthy
Kolluri**
NRG Pallas



**Didier
Bardel**
Framatome



**Alberto
Sáez
Maduero**
CIEMAT



**Tommaso
Barani**
CEA



**Jorge
Sanchez
Torrijos**
NFQ



**Lorenzo
Malerba**
CIEMAT



**Antoine
Claisse**
Westinghouse



DAY 2 - 26 March 2026

PLENARY SESSION

14:00 - 15:30

Auditorium

Current status of Nuclear energy in the Spanish energy mix

- How to meet the increasing electricity demand in the future while maintaining the grid stability?
- LTO approach and value creation
- Supply chain and other industries in Spain

Moderator



Enrique Gonzalez
SNETP-Governing Board
(CIEMAT)



Antonio González Jiménez
Foro Nuclear



Paulo Jorge Domingues dos Santos
SNE



María Teresa Domínguez Bautista
EAG



Alberto Martín García
PwC España



Pablo Teofilo Leon Lopez
CEIDEN



Rafael Triviño Fernández
ENSA

PARALLEL SESSION

16:00 - 18:00

Auditorium

LWR Small Modular Reactors

- Passive safety features and severe accident mitigation strategies tailored for SMR designs
- Innovations in factory fabrication and modular assembly
- Standardization of design codes and licensing frameworks for multi-country deployment

Moderators



Nicolas Sobecki
EDF



Marta Vázquez Cabezudo
EAG



Ivan Horvatović
SCK CEN



Antti Tarkiainen
Steady Energy



Oscar Campos
Westinghouse



Céline Poret
ASNR



Elena Bernardo Quejido
CIEMAT



Arturo Suarez Reales
Tractebel



Karel Deknopper
NUWARD



DAY 2 - 26 March 2026

**PARALLEL SESSION
16:00 - 18:00**

J. Maritain Room

Innovation in the Nuclear sector (including case studies from Young generation)

- *Fostering cross-sector collaboration between industry, research institutions, and authorities to accelerate deployment*
- *Leveraging EU open innovation ecosystems to integrate AI, digitalization, and cross-sector applications for safety and competitiveness*

Moderators



Baptiste Pothet

Framatome



Elisabeth Guillaut

Orano



Roger Garbil

EC DG RTD



Hidde Baars

Urenco



Thibault Louvet

Orano



Annick Elie

Framatome



Sergii Pugach

NSC KIPT



Kateryna Piliuhina

ENEN



Vinicius Alves Fernandes

EDF

**PARALLEL SESSION
16:00 - 18:00**

Newman Room

Advanced Modelling & Simulation (incl. high performance, fidelity, computing)

- *Advanced Modeling and Simulation for accurate predictions of reactor behavior and safety margins including uncertainty quantification, verification and validation*
- *Integration of HPC with real-time monitoring and digital twins for nuclear plants*
- *Data-Driven Approaches and AI Integration*

Moderators



Ferry Roelofs

NRG Pallas



Luis Enrique Herranz

CIEMAT



Mohamed Hibti

EDF



Kevin Zwijsen

NRG Pallas



Aya Barakat

NEEXT



Patrick Blaise

Framatome



Luis Enrique Herranz

CIEMAT



Sofiane Benhamadouche

EDF



DAY 3 - 27 March 2026

PARALLEL SESSION
09:00 - 11:00
Auditorium

Advanced Modular Reactors (AMR) & Generation IV

- Fostering cross-sector collaboration between industry, research institutions, and authorities to accelerate deployment
- Leveraging EU open innovation ecosystems to integrate AI, digitalization, and cross-sector applications for safety and competitiveness

Moderators



Hamid Ait Abderrahim
Myrrha



Andrei Goicea
nucleareurope



Nicolas Zweibaum
HEXANA



Jean Dhers
newcleo



Vincent Schryvers
SCK CEN



Mariusz Dąbrowski
NCBJ



Stéphane Sarrade
CEA/GIF
Chair



Wolfgang Denk
Denk Nuclear
AG



Ferry Roelofs
NRG Pallas

PARALLEL SESSION
09:00 - 11:00
J. Maritain Room

Safety and licensing (Role of R&D)

- Adaptive licensing pathways for advanced technologies (materials, fuels, digital, IA, Robotics,...) enabling faster innovation while maintaining safety
- Risk-informed licensing approaches adapted to novel reactor designs

Moderators



Petri Kinnunen
VTT



Thierry Ethvignot
ASNR



Javier Dies
CSN



Aleksi Valkeapää
STUK



Fernando Cebriano
Westinghouse



Laurent Billet
EDF



Erlend Hagen
Traneberget
AS



Michele Frignani
Ansaldo
Nucleare



Faiza Sefta
OECD-NEA



DAY 3 - 27 March 2026

PARALLEL SESSION

09:00 - 11:00

Newman Room

Waste management and decommissioning

- *Advanced dismantling technologies and Digital twins for decommissioning: Robotics, remote handling, and AI-driven planning*
- *Waste volume reduction techniques*
- *Long-term storage and disposal solutions*

Moderators



Anthony Banford
UKNNL



Giuseppe A. Marzo
ENEA



Erika Holt
VTT



Diego Espejo
ENRESA



Reka Szoke
IFE



Sylvain Benazet
EDF



Samir Dziri
Tractebel



María Ines García Lodeiro
IETcc-CSIC



Elena Torres Álvarez
CIEMAT

PLENARY SESSION

11:30 - 12:30

Auditorium

Collaboration as a driver for innovation

- *Collaboration vs. Competition: where the EU stands?*
- *Competitive energy supply as major driver for the industrial competitiveness*
- *Artificial intelligence impact in the nuclear sector*

Moderator



Lou Martinez Sancho
SNETP-Governing Board
(Westinghouse)



Aline des Cloizeaux
IAEA



Tatiana Ivanova
OECD-NEA



Roger Garbil
EC DG RTD



Patrick Blanc-Tranchant
CEA



Stéphanie Barron
ESA/ESTEC



SOCIAL EVENTS

In addition to the conference programme, SNETP Forum 2026 will offer several networking and exclusive social events.

Welcome Cocktail

DAY 1, 25 March 2026 from 18:30, in the exhibition area

Join us for a cocktail reception at the conference venue to kick off SNETP Forum 2026, specifically designed to highlight posters and exhibitors.

This informal gathering will provide the perfect opportunity to reconnect with colleagues and expand your professional network in a relaxed atmosphere.

Gala Dinner

20:30 at Perrachica

C. de Eloy Gonzalo, 10, Chamberí, 28010 Madrid

The Gala Dinner will take place at the iconic Perrachica restaurant in Madrid. Enjoy an elegant evening of networking, fine cuisine and engaging conversations in a unique setting.

Exclusive Visit

Experience Westinghouse's Innovation Firsthand

During the SNETP Forum, Westinghouse invites participants to its Madrid premises for an exclusive visit.

This is a unique opportunity to:

- *Discover state-of-the-art simulators in action, including the new AP1000® Simulator*
- *Explore how nuclear-specific AI is integrated into products and services*
- *Meet the robots transforming operational practices*
- *Get insights into upcoming innovations and future collaboration opportunities*

Participants wishing to attend must select the Westinghouse visit directly within the main event registration platform.

Available sessions:

24/03 | 15:30-18:00

25/03 | 10:00-12:30

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