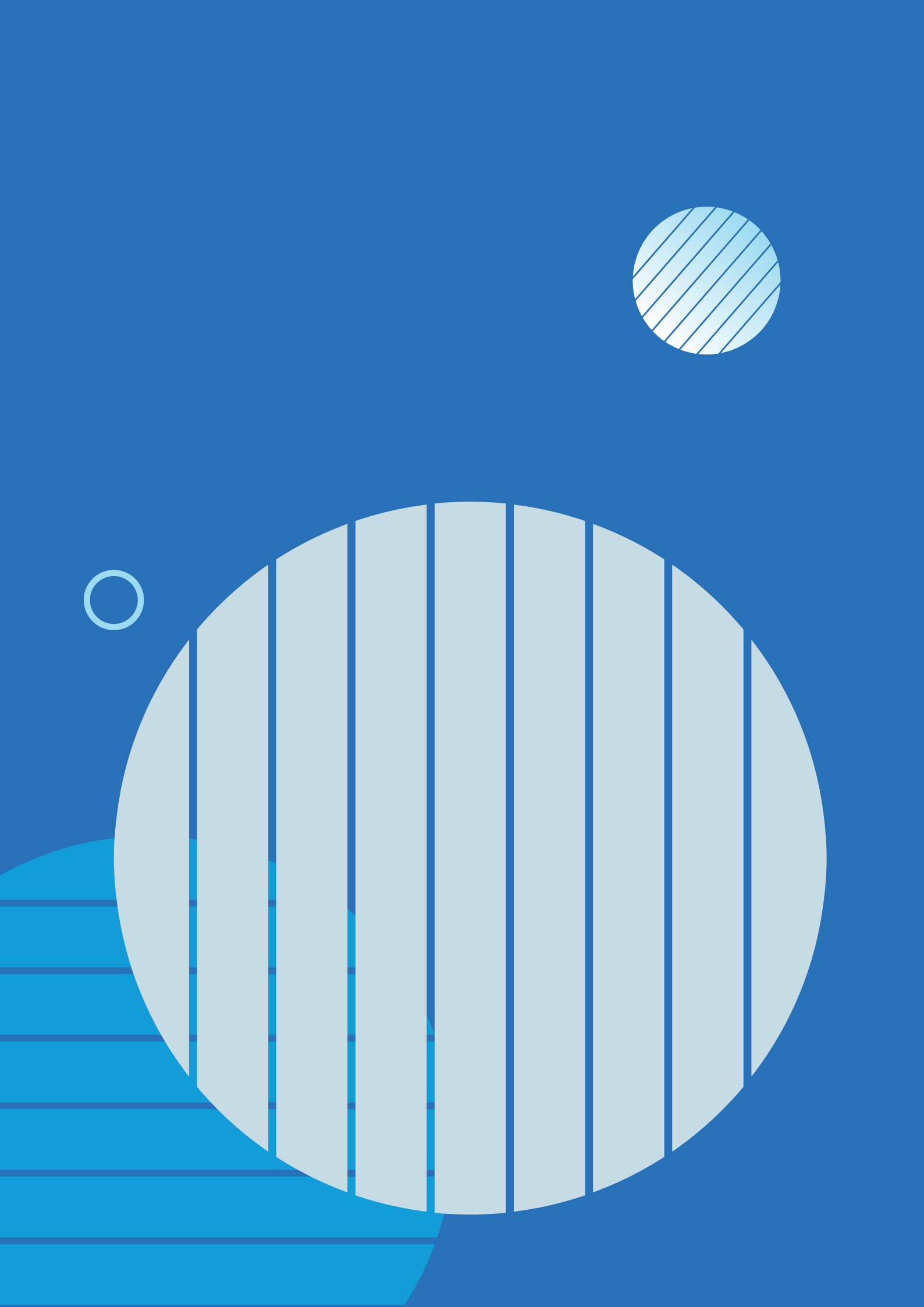


ANNUAL REPORT 2025





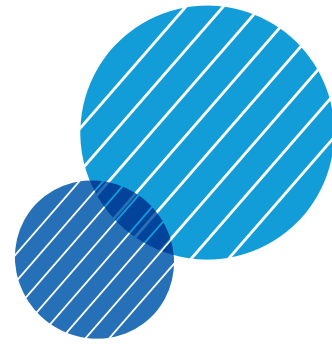


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MESSAGE FROM OUR PRESIDENT



We need to decarbonise our economy, secure our energy supplies, protect our industrial competitiveness and keep our energy affordable. As an industry, we are committed to helping Europe overcome these challenges. Nuclear is key in this respect. It is a homegrown technology that will ensure energy sovereignty. And its low emissions make it the ideal partner in decarbonising our economy.

The 2nd international nuclear summit held in Paris on 26 March 2026 provided a strong opportunity to reaffirm the strategic importance of nuclear energy in addressing the triple challenge of competitiveness, sovereignty, and decarbonisation. The current crisis in the Strait of Hormuz underscores once again such a reality. Europe is now increasingly shifting its approach in favour of clean energy, both renewables and nuclear.

The publication of the latest Nuclear Illustrative Programme (PINIC), a key document from the European Commission which sets the scene for nuclear in the EU today and over the coming decades, is a clear reflection of this shift in mindset towards nuclear at EU level. It provides a good overview of plans for extending the life of the existing nuclear fleet as well as investment in new nuclear capacity, both large and small, in the run up to 2050, estimating investment needs up to €200-250 billion.

Based on this, the nuclear industry took it upon itself to assess what is needed to stimulate such investments and speed up project delivery. This work culminated in an action plan for nuclear, published by nucleareurope on 24 March 2026.

This document outlines how key EU policies can make a decisive contribution to the deployment of nuclear across the EU. It centres around the following five main policy groupings:

- A long-term policy vision to stimulate net zero with nuclear
- An equitable financial framework to stimulate investments in nuclear
- An accelerated regulatory framework to speed up nuclear deployment
- Investing in the entire fuel cycle to ensure security of supply
- A policy framework sustaining a supply chain based in Europe

As underlined in the plan, a long-term, technology neutral framework supporting nuclear will bring considerable support to the EU's own climate and energy objectives. Furthermore, from a financing perspective,

having clear and understandable mechanisms to access public loan guarantees and public lending would enable project developers and owners to commit to new investments.

The European nuclear industry is also committed to playing its part by, for example:

- Implementing lessons learnt from recent projects. This, combined with a more streamlined, harmonised approval process, will lead to faster deployment times, similar to those seen during the 1970's and 80's.
- Ramping up its activities in Europe in order to reduce our dependence on imports and strengthen security of supply.
- Continuing to invest in reprocessing and recycling activities (including continued research & development) to become a world leader in circular economy practices, thus reducing our need for new materials.

XAVIER URSAT



MESSAGE FROM OUR DIRECTOR GENERAL



As the EU is confronted with multiple crises, it is now critical for policymakers to continue building on this momentum and deliver concrete policies that support nuclear expansion in the EU. In this respect, nucleareurope's Action Plan for Nuclear highlights the policy steps that should be taken by policymakers to support investments in the sector.

The ongoing geopolitical instability has had a profound effect on Europe, both in terms of its impact on businesses and citizens in general, as well as on how the EU has refocused its priorities.

What is clear is that the EU must become more self-reliant. Greater sovereignty is key.

First of all, in terms of the energy which we produce. Clean, homegrown sources of energy are indispensable to tackle the current challenges which Europe's industries are facing in terms of access to constant, clean and affordable energy. And in this respect, the EU needs to act now if it is serious about supporting the competitiveness of Europe's industries. As recent events have demonstrated, we need to reduce our dependence on energy imports and ramp up the deployment of nuclear and renewables. This will only be achieved if Member States and the EU institutions work together on a long-term policy vision which creates investment certainty in Europe.

Secondly, in terms of ensuring a European manufacturing base. Nuclear is one of the few

strategic net zero value chains that is almost entirely based in Europe, spanning the entire lifecycle of the industry. Not only does this reinforce our industrial sovereignty and reduce our dependence on external suppliers, it also ensures that innovation, economic value and high-quality employment grow in Europe.

In retrospect, the past year was a very good year for nuclear in the EU. It was marked notably by the following events:

- The publication of the Nuclear Illustrative Programme (PINIC) by the European Commission marked an important moment for the sector. It highlighted not only the scale of investments needed, but also the positive value that nuclear brings to Europe as a whole.
- The agreement on the European Climate law which, for the first time, mentions technology neutrality and nuclear specifically. It also preserves the EU's ambition on climate which is important for the sector.
- Progress was also made on financing, with several loans granted to nuclear projects in Europe. The draft EU budget, published last summer, also seems to open the door for additional nuclear financing, both through EURATOM (as has always been the case) and potentially through mainstream EU funding mechanisms.
- The sector received significant support, for instance through the Industrial Alliance on SMRs, which successfully organised its General Assembly in the presence of several Commissioners.
- The general EU narrative evolved significantly, with nuclear being recognised as essential to the EU's energy mix, alongside renewables.
- These developments built on an ever-increasing number of EU Member States looking at nuclear energy, going beyond the 12 Member States in which it is currently used for electricity production.

EMMANUEL BRUTIN

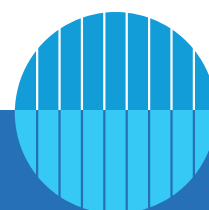
THE VOICE OF THE NUCLEAR INDUSTRY



Who we are

nucleareurope is the Brussels-based trade association for the nuclear industry in Europe. It acts as the voice of the European nuclear industry in policy discussions with EU institutions and other key stakeholders.

The nuclear industry can only interact with international institutions and its representatives if the bridge between us and them is kept permanently open and continuously serves as a two-way channel for ideas, opinions and open debate. Continuous representation is crucial to nucleareurope maintaining its status as a constructive and proactive dialogue partner for EU policymakers.



What we do

nucleareurope provides information and expertise on the role of nuclear. We engage proactively at EU level on key nuclear matters by producing position papers, statements, newsfeeds, infographics, responses to public consultations and analyses of EU proposals and public opinion. We organise regular networking events such as dinner debates, workshops, one-to-one meetings, press briefings and visits to nuclear facilities.

Some of the key topics we deal with include security of energy supplies, sustainability, competitiveness, economics of nuclear, enabling factors for new nuclear projects, Innovation Research & Development (IR&D), EURATOM Treaty, and public opinion.

Our members

The membership of nucleareurope is made up of 17 national nuclear associations – active across Europe – and the companies that they represent, and 19 Corporate Members. Nearly 3,000 firms are represented, from Europe's (and the world's) largest nuclear utilities and nuclear fuel cycle companies, to other undertakings engaged in the transport of nuclear materials and the management of radioactive waste:

National nuclear associations

Belgian Nuclear Forum

Bulgarian Atomic Forum

Finnish Energy

French Nuclear Industry Association

German Nuclear Industry Association

Hungarian Nuclear Forum

IGEOS Nuclear Association

Italian Nuclear Association

Nucleair Nederland

Nuclear Industry Association

Romanian Atomic Forum

Slovak Nuclear Forum

Slovenian Nuclear Forum

Spanish Nuclear Industry Forum

Swedish Atomic Forum

Swiss Nuclear Forum

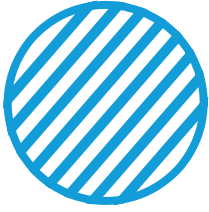
Ukrainian Nuclear Forum Association

Premium Corporate members

CEZ (Czech Republic), EDF (France), Fortum (Finland), Vattenfall (Sweden), Westinghouse (Global).

Regular Corporate members

Enusa (Spain), Fermi Energia (Estonia), GE Vernova (Global), Hexana (France), KGHM (Poland), Newcleo (Italy), Nuvia (France), OSGE (Poland), PEJ (Poland), CRH (Germany), Rolls-Royce SMR (UK), Steady Energy (Finland), Urenco (Global), Walter Tosto (Italy).



Meet the team



Emmanuel Brutin
Director General



Guilherme Cardoso
Nuclear Technology Advisor



Ursula Caturla Rodríguez
Junior Legal Advisor



Danielle de Crombrughe-L.
Support Team Manager



Graziella De Riddere
IT Manager



Mathieu Didry
Communications Officer



Nathalie Foriers
Assistant



Muriel Glibert
ENISS Manager



Andrei Goicea
Policy Director



Jessica Johnson
Communications &
Advocacy Director



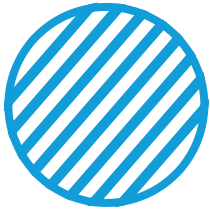
Berta Picamal Vicente
DG Office, Legal &
Intl Relations Director



William Ranval
ENISS Director



Aude Van Hille
Reception Assistant

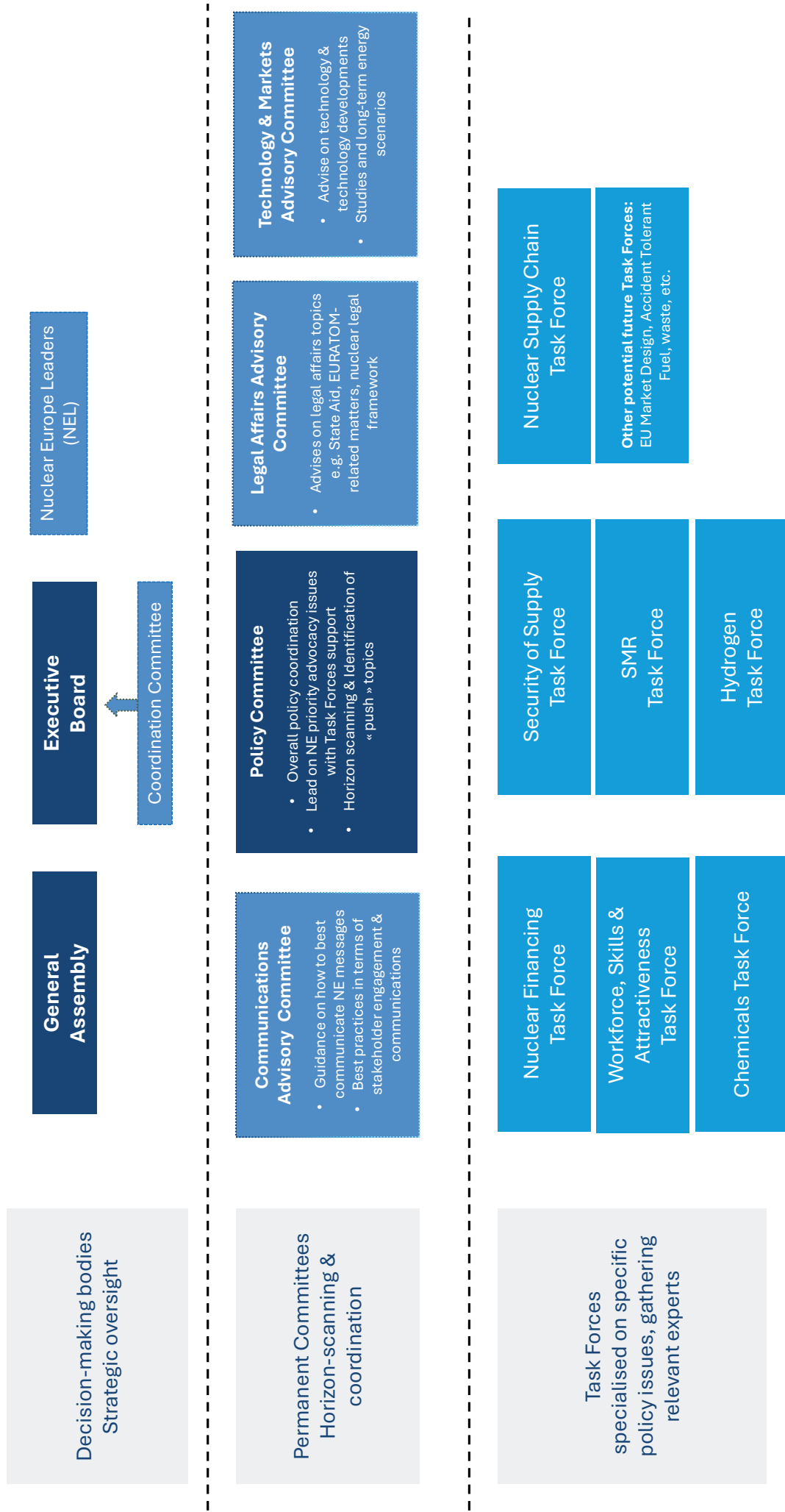


The Executive Board

The Executive Officers are appointed by the General Assembly for a period of two years:

- Ad Louter, Nucleair Nederland, The Netherlands
- Bohdan Zronek, CEZ, Czech Republic
- Corina Truica, Romatom, Romania
- Csaba Kiss, Hungarian Nuclear Forum, Hungary
- Daniel Nordgren, Vattenfall, Sweden
- Hans-Ulrich Bigler, Swiss Nuclear Forum, Switzerland
- Ignacio Araluce, FINE, Spain
- Jaana Isotalo, ET, Finland (Vice President)
- Jean-Michel Romary, Gifen, France
- Johan Lundberg, Nuclear Sweden, Sweden
- Petra Lundström, Fortum, Finland
- Xavier Ursat, EDF, France (President)

Working Structure



POLICY FOCUS

2025 was a key year at EU level, with the new European Commission launching its flagship Clean Industrial Deal, which sets out the EU's plans to support competitiveness whilst at the same time continuing to decarbonise its economy. The Communication, which showed significant progress in terms of adopting a more technology neutral approach to policy making, makes clear that access to affordable energy is key to the competitiveness of European industries and this will only be achieved by accelerating the transition to clean, homegrown energy. These messages continued to be reflected throughout 2025, with several Commissioners stressing the importance of a sovereign energy system based primarily on nuclear and renewables.

Nuclear Illustrative Programme (PINC)

On 13 June 2025, the European Commission published the draft PINC, which aims to provide a vision of nuclear capacity in the EU over the coming decades as well as the investment which would be needed to achieve these plans. In this respect, nucleareurope advocated the need for concrete actions to advance nuclear investments as follows:

- A level playing field for all net zero technologies
- An ambitious 2040 framework
- Access to public and private financing
- Streamlined State Aid process
- Fair taxation schemes

Following on from this, the European Economic and Social Committee (EESC), the only EU institution which is required to draft an opinion to be considered by the Commission in relation to this file, adopted its report at the end of the year. The Nuclear Alliance of the EU Member States also remained outspoken on what they believe the PINC should be accompanied by, in line with the position put forward by nucleareurope, as did a group of nuclear supportive Members of the European Parliament.

Financing nuclear

Over the course of 2025, nucleareurope proactively called for the following to ensure an enabling environment capable of stimulating investments in nuclear across the EU:

- Technology neutral approach to policy
- Ensuring EU involvement in enabling affordable and accessible financing for nuclear investments
- Removal of discriminatory articles (nuclear exclusions) from existing EU funds (e.g. European Regional Development Fund, Cohesion Fund and Just Transition Fund)
- Inclusion of nuclear in all funds under the next Multiannual Financial Framework, with appropriate evaluation criteria
- Increasing the Euratom budget and allocating a much greater share to nuclear fission
- Leveraging EU financial support – including the European Investment Bank - for the deployment the supply chain in the EU (including components and the nuclear fuel cycle), as well as supporting nuclear skills
- Streamlining & acceleration of the State Aid process.

In terms of relevant EU policies, in July 2025, the European Commission published the first part of its proposal for the next Multiannual Financial Framework. The second part (including the Euratom budget) came in early September. Overall, the proposal is a step in the right direction. For example, the Commission is looking to simplify the framework by regrouping funds and the Euratom budget has been increased. However, there is some ambiguity as to whether nuclear is eligible under the European Competitiveness Fund and the budget allocated to fusion is more than double that of fission.

Discussions around the Sustainable Finance Taxonomy also evolved. In early July nucleareurope joined [the first Implementation Dialogue organised by Commissioner Albuquerque](#) (in charge of Financial Services and the Savings and Investments Union).

Potentially adding the fuel cycle as an enabling activity under the taxonomy was openly discussed (given the focus under REPowerEU) as were our proposals to review the Technical Screening Criteria (TSC). In September, the European Court of Justice sided with the European Commission and upheld the inclusion of nuclear (and gas) under the taxonomy – although Austria has since appealed this ruling. Following on from this, a public consultation was launched to review the TSCs of the different Delegated Acts (including nuclear), to which nucleareurope responded.



Commissioner Albuquerque © EUROPEAN COMMISSION

2040 Climate Target

In July 2025, the European Commission issued its proposals to amend the European Climate Law and set an EU climate target for 2040. Nucleareurope issued its position on the question in September, highlighting the role of nuclear for decarbonisation and calling for an ambitious, pragmatic, and technology neutral framework to support net-zero investments. Under its position paper, nucleareurope specifically emphasised the need for the EU 2040 climate framework to:

- Set the course on an ambitious decarbonisation trajectory
- Adopt a technology neutral approach incentivising all net-zero technologies and avoiding technology-specific targets
- Be accompanied by an enabling policy framework which supports electrification and the decarbonisation of key sectors of the economy such as industry and transport.

In December 2025, the EU institutions agreed on a target of a 90% reduction in greenhouse gas emissions by 2040, with the adopted proposal highlighting the need “to decarbonise the energy system with a technologically neutral approach that includes all zero- and low carbon energy solutions” and directly citing nuclear as part of those solutions.

Tripartite ‘X’



In 2025, as part of its proposal for a series of Tripartite ‘agreements’, the Commission expressed openness towards such a Tripartite for nuclear. As a result, the sector actively engaged with stakeholders to identify a potential approach to such an initiative. In nucleareurope’s opinion, such a proposal could be based on a ‘blueprint’ which brings together energy producers (nuclear and renewables), energy users such as industry and data centres, as well as the Member States. The aim is to find ways of ensuring that energy users have access to the decarbonised energy they need, when they need it and at an affordable cost whilst at the same time providing certainty to energy producers and thus stimulating investment in new capacity. In this respect an exchange of views was organised between nucleareurope and its members, a representative from the European Commission and a representative from the energy intensive industry.

REPowerEU

On 6 May 2025, the European Commission published a communication in relation to ending Russian energy imports. The communication rightly recognises the significant efforts which have already been undertaken in the nuclear sector in order to reduce its dependence on Russia in terms of uranium imports, conversion, enrichment and components. It also notes that switching is not something that can happen overnight as alternative fuels need to be tested and licensed in each Member State before they can replace another fuel (an important point which we flagged during the discussion around Accident Tolerant Fuels in relation to the Sustainable Finance Taxonomy file). It also notes the challenges relating to the ramping up of global capacity in terms of technological complexity and market uncertainty, as well as the strong position which Russia holds in the supply of certain radioisotopes for medical procedures.

In this respect, the communication flags the importance of ramping up nuclear manufacturing capacity in the EU, and therefore we hope that it will put in place the right policies which will support the ramp up for such capacity on European soil (for example under the PINC and in terms of access to finance). As part of the discussions around this file, nucleareurope has been actively calling for:

- Policies, funding and financing mechanisms to support the deployment of new capacity in the EU
- The implementation of a quota system (rather than tariffs)
- Support for a phase out so long as it includes exemptions in the event security of supply is at risk, for example
- Anti-circumvention measures.

Hydrogen

In line with Council Directive (EU) 2024/1788 relating to common rules for the internal markets for renewable gas, natural gas and hydrogen, in July 2025 the Commission published a Delegated Act specifying a methodology for assessing greenhouse gas emissions savings from low-carbon fuels, focused primarily on renewables. Regarding nuclear, the criteria are expected in mid-2026. As part of the debate, nucleareurope continued to insist on the following:

- Inclusion of Power Purchase Agreements (PPAs): The Delegated Act should recognise the specific carbon content of electricity sourced via nuclear PPAs, which differs from the grid average. This would align the Act with the Renewable Fuels of Non-Biological Origin (RFNBO) delegated acts that already require PPAs to meet geographical and temporal criteria. Such alignment would incentivise investments in clean energy and ensure truly low-carbon hydrogen production.
- Accurate Emission Factor for Nuclear Electricity: Recent studies from UNECE, CEA, and EDF show values between 0.19 and 0.32 gCO₂eq/MJth. Nucleareurope therefore recommended updating the factor to reflect these findings, ensuring a more accurate portrayal of nuclear's low-carbon profile. The Act should also permit the use of local, recent national statistics and accredited data sources, ensuring the methodology remains evidence-based and scientifically robust.

Small Modular Reactors



© EUROPEAN COMMISSION

The European Industrial Alliance on SMRs was officially launched on 6 February 2024 and nucleareurope is both a partner in the Alliance, together with the European Commission and SNETP, but also vice-chair of the Governing Board and part of the secretariat. The second General Assembly of the Alliance was held on 1 September 2025 at the EC premises, counting over 250 participants and interventions of three European Commissioners. The main point covered during the General Assembly was the endorsement of the [Strategic Action Plan](#) of the Alliance for 2025-2029.

Chemicals: Per- and polyfluoroalkyl substances (PFAS)

Since 2022, the EU has been reviewing potential actions to limit/ban the use of PFAS in the EU. After reviewing feedback from thousands of sources, in 2025 the European Chemicals Agency (ECHA) published a first version of their Background document, which will serve as a basis for such actions. nucleareurope is working with the membership on this file.



EU FUNDED PROJECTS

nucleareurope is involved in a series of [projects and partnerships](#), some of which are funded by the EU. Regarding EU funds, is the EU's key funding programme for research and innovation. It tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth. The total budget of Horizon Europe is €95.5 billion. Around €1.38 billion of this is dedicated to EU-funded research on nuclear issues, under the Euratom Treaty ([Euratom Research and Training Programme](#)). The share of this allocated to nuclear fission and radioprotection indirect actions, i.e. open to nuclear industry participation, is €288 million. The Euratom programme ran from 1 January 2021 – 31 December 2025.

ENEN2plus

(Building European Nuclear Competence through continuous Advanced and Structured Education and Training Actions): Launched in June 2022, this four-year project focuses on nuclear Education and Training. It aims to attract more people to nuclear through E&T, cross-cultural and cross-disciplinary. For example, it will organise career-related events and competitions and enable a strong mobility programme. nucleareurope is involved in this project in several areas:

- Task lead in the Work Package dedicated to identifying future human resource needs and potential skill gaps (WP1 Task 1.1).
- Supporting and promoting relevant events and competitions.
- Identify a sustainable way of financing the continuation of the mobility programme.

NPHyCo

(Nuclear Powered Hydrogen Cogeneration): Launched in October 2022, this two- and half-year project focused on the potential for developing large scale, low-carbon, hydrogen production facilities linked to nuclear power plants. It assessed the feasibility of producing hydrogen near an existing nuclear power plant as well as the added value of such a project. Furthermore, it looked at potential locations where a pilot project could be implemented. nucleareurope was involved in this project in several areas:

- Leader of the Work Package dedicated to communication and dissemination activities. We worked with the project partners (and the nucleareurope Communications & Advocacy Committee) on this. Several communication tools were produced, including a logo and a dedicated website.
- Contributor to the task on “Establishing a frame of reference for the project”, defining the EU hydrogen market.

This project ended in February 2025, with a final conference organised by nucleareurope in Brussels.

SNETPForward

(Sustainable Nuclear Energy Technology Platform): The aim of the SNETP-FORWARD project (which came to an end at the end of 2025) was to help the association in consolidating its structure, strengthening its position in the Set-plan and among the European ETIPs, enhancing its ability to interact with the European and international associations and organisation and last, but not least, to be engaged in the innovation world by boosting the innovation capacities of its members. nucleareurope was involved in the work packages dealing with “Strengthening interactions with European & international stakeholders” where we led the deliverable on “Identification of commonalities between different non-nuclear organisations” and the one on specific studies that will support the nuclear research developments at EU level.

TANDEM

(Small Modular Reactor for a European safe and Decarbonized Energy Mix): Launched in September 2022, this three-year project focused on the integration of Small Modular Reactors within hybrid energy systems to provide not only electricity but also heat and hydrogen. nucleareurope was involved in this project in several areas:

- Leader of the Work Package dedicated to communication and dissemination activities. We worked with the project partners (and the nucleareurope Communications & Advocacy Committee) on this. Several communication tools were produced, including a logo and a dedicated website.
- Leader of the task on “Analysis of the future European energy scenarios” and the deliverable on “Analysis of the key features of the future EU energy market and associated regional/national landscapes”. The outcomes of this task included proposed scenarios for energy markets, highlighting SMR developments.
- Leader of the task on “Context and targets of hybrid system techno-economic optimization” that refined the context and targets for hybrid system techno-analysis
- Involvement in the Work Package dedicated to skills and education of relevance to SMRs.

Nucleareurope continued to actively promote the work of this project via the website and linked in channels. This three year project came to an end in August 2025. In this respect, nucleareurope was in charge of organising the final project conference in Brussels, which included not just industry but also other EU stakeholders. In addition, we supported the deliverable relating to public engagement (which is key to the deployment of SMRs) and finalised the reporting on the communication, dissemination and outreach activities conducted throughout the project.

Skills4Nuclear project

This project kicked-off in 2025, with the goal of developing a European nuclear skills strategy. Over the course of the first year, nucleareurope was involved in developing the project website, Linked In page and relevant communication tools. We furthermore kick-started the conversation around stakeholder engagement and supported the work in terms of reviewing existing workforce assessments in order to identify best practices. Already today a broad range of stakeholders have shown interest in this project given the importance of access to skills in the nuclear sector.

More information about the EU projects in which nucleareurope is involved can be found [here](#).



EUROPEAN NUCLEAR INSTALLATIONS SAFETY STANDARDS INITIATIVE (ENISS)



© ASNR

ENISS represents the nuclear utilities and operating companies from 14 European countries with nuclear plants. ENISS provides nuclear installations and license holders with the platform they need to exchange information on new national and European regulatory activities, express their views, and provide expert input on all aspects related to the harmonisation of safety standards. ENISS is the common channel through which the European nuclear installation licensees interact with the Western European Nuclear Regulators' Association (WENRA), the European Institutions and the International Atomic Energy Agency (IAEA).

Although ENISS is hosted by nucleareurope, it enjoys full autonomy as regards its strategy and priorities, which are discussed, approved and reviewed by its own supervisory bodies.

ENISS 20th anniversary celebration

A meeting with the WENRA and European Nuclear safety Regulators Group (ENSREG) Vice-Chairs was organised as part of [ENISS's 20th anniversary event](#) and focused on three key topics: Strengthen interactions, Licensing efficiency for new build and LTO, and "How Safe is Safe Enough?" / Safety Objectives.

A key takeaway, with clear expectations from regulators, is to enhance regular interaction between ENISS and WENRA/ENSREG. This includes meetings at the working-group level, early dialogue on emerging issues, and a more systematic consultation of ENISS. The areas identified for short-term interaction include, among other things, Topical Peer Review (TPR) III topic selection, High Quality Industrial Grade dedication, Long Term Operation (LTO) and licensing efficiency.

Western European Nuclear Regulators Association (WENRA)

WENRA plans to publish, by early 2026, a revision affecting a limited number of Safety Reference Levels (SRLs), with the goal of further harmonisation and the removal of duplication and overlap. With this new publication, the SRLs will be frozen, ensuring stability in requirements and expectations for legal and regulatory frameworks.

ENISS had been invited to provide comments, suggestions for improvement and feedback based on the experience gained in implementing the WENRA SRLs. Comments and suggestions for change were put forward and discussed with WENRA.

A new sub-group within WENRA, Waste and Decommissioning Working Group on SMR Waste & Decommissioning, was established. Its objectives are to exchange knowledge on waste, spent fuel, and decommissioning aspects of SMR and AMR designs, and promote early regulatory engagement among governments and industry. ENISS submitted initial reflections and key questions to WENRA concerning the sub-group's work.

ENISS, together with the European Technical Safety Organisations Network (ETSON), was invited to the WENRA November plenary meeting for a joint session to strengthen mutual understanding and identify opportunities for closer collaboration, greater harmonisation, and alignment of approaches, to reduce duplication and improve effectiveness. Initial efforts will focus on existing working groups and shared active topics.

The WENRA Plenary also reviewed a draft report outlining both common and differing approaches among members to the use of high-quality industrial-grade items. WENRA intends to continue with a subsequent paper on good practices, defining key principles for the proper use and application of industrial-grade items. The final document is expected to be published by late 2026.

It was also announced that Petteri Tiippana (STUK) was appointed as the next WENRA Chair, effective from January 2026, following Mark Foy's retirement.

European Nuclear Safety Regulators Group (ENSREG)

In late 2024, ENSREG created a Task Force on SMRs, to interact with the European Industrial Alliance on SMRs and identify regulatory challenges to be further addressed. The first version of the Task Force Dashboard was released in April 2025, tracking regulatory engagement with SMR projects.

ENSREG also developed a position on the Best Available Technology under the EU Taxonomy Delegated Act.

The results of the second topical peer review covering fire protection at nuclear installations were presented and discussed at a public meeting held on 18 June 2025. The TPR identified both good practices and challenges at the EU level in the following areas: OPEX, fire safety analysis, fire prevention and passive fire protection. The ENSREG Action Plan addressing the TPR2 challenges has been postponed to 2026.

European Industrial Alliance for SMRs

ENISS is a member of the European Industrial Alliance for SMRs and in 2025 participated in the work of the Technical Working Group (TWG) 6 on safety and safeguards, in particular the activities of TWG6 Subgroup (SG) 1 (pre-licensing and licensing readiness of Light Water Reactor SMRs), and SG6 (Emergency preparedness and Response (EP&R)).

International Atomic Energy Agency (IAEA)

ENISS provided comments throughout the year to the IAEA Draft Safety Requirements and Safety Guides, addressing the most important issues, namely nuclear power plant design and operation, management systems, safety assessment, waste management, decommissioning and radiation protection. ENISS furthermore provided the IAEA with assistance in the technical/consultancy groups and participated, as an observer, in the Agency's Safety Standards Committees (SSCs). In this latter frame, ENISS contributed to the discussions on the mid- and long-term plans.

International Commission on Radiological Protection (ICRP)

The ICRP is currently reviewing its system of radiation protection. The intended aim is to approve, by ca. 2030, a new set of fundamental recommendations on radiological protection. Liaison organisations, including ENISS, had the opportunity to express their views on several occasions.

ENISS participated in the meeting of Senior Representatives of Organisations in Formal Relations with ICRP (SLO) which took place in Vienna, Austria, on 23 June 2025. ENISS submitted input on the questions regarding the explicit consideration of sustainable development in the System of Radiological Protection highlighting that overly explicit links between the UN Sustainable Development Goals (SDGs) and the protection system should be avoided, as they may increase complexity.

Position Papers/Benchmarks

ENISS produced a position paper on emergency preparedness and response, published on the ENISS website in December 2025. This position paper aims to provide more insights and more detailed principles to successfully support the development of emergency arrangements proportional to risk for existing and future nuclear facilities.

A report on Insider Risk Mitigations in Nuclear Power Plants was also issued on the ENISS website in November 2025. This paper is intended to provide operators with good practice for mitigating against the potential of an insider risk within a Nuclear Power Plant (NPP). It sets out a range of guidelines and mitigation measures which can be used by operators to enhance their security arrangements.

In addition to position papers, ENISS also prepares internal studies and conducts benchmark studies on technical issues of common interest to its members. For instance, in 2025 ENISS completed a guidance to support the evaluation and development of Integrated Risk Informed Decision Making (IRIDM) approaches within ENISS members' organisations.

ENISS has also actively addressed climate change impact issues by benchmarking key topics. Three reports have been developed on climate change considerations in siting and design, reference scenarios and models, I&C qualification under high temperatures, and methods for measuring room and cabinet temperatures.

In 2025, ENISS also began conducting a benchmark of the methodologies currently used for radiological consequence calculation. Its main goal is to provide inputs for identifying acceptable directions for a harmonised methodology and lay the groundwork for constructive exchanges with regulators to ensure alignment and acceptance.

COMMUNICATIONS & ADVOCACY

nucleareurope continued to use a broad range of communication tools, including one-to-one meetings, webinars, press releases, position papers, and social media, reiterating the point that nuclear is a low-carbon, dispatchable source of electricity which ensures security of energy supply and provides a significant number of jobs and strong economic contribution.

Below is a summary of some of the key communications actions undertaken over the past year.

Events

On 28 April 2025, nucleareurope and the permanent representation of Poland to the European Union co-organised an event on policy and siting strategies for new nuclear. The Brussels-held event gathered policy makers, industrial stakeholders and civil society representatives to discuss policy conditions for the development of new nuclear, siting strategies for large and small reactors as well as public acceptance and stakeholder engagement opportunities.

On 4 and 5 June 2025, nucleareurope organised its Annual Conference, #NuclearEurope2025, in Brussels, to discuss the question of how to strengthen European competitiveness. The two-day conference brought together leaders from the nuclear sector, representatives from key European industries, senior officials from the European Commission, Parliament and the Member States to debate this question. Topics covered included energy sovereignty & security of supply, affordability, reaching net-zero, workforce and skills needs as well as innovation & technology leadership.

In November 2025, for the first time since the creation of WNE (in 2014), nucleareurope had a booth where we could welcome members and potential interested parties to explain our work and our role in policy discussions at EU level.

On 20 November 2025 a joint event was organised with Danks Industri entitled “Powering European Industry with decarbonised energy” focused on the need to ensure a diverse energy mix to support industrial decarbonisation and electrification, while maintaining Europe’s industries and businesses’ competitiveness. After a keynote speech from the Deputy Head of Department in the Danish Ministry of Climate, Energy and Utilities, the panel featured representatives from the EU institutions (European Commission and European Parliament), Agora Energiewende and 92 Capital, the Danish nuclear investment fund.

On 2 December 2025, nucleareurope held its traditional end of year workshop in Brussels, focused on the role of nuclear in supporting EU energy sovereignty, as well as plans for new build across Europe. The discussion focused on pathways to deliver nuclear projects and included a wide range of perspectives: energy intensive consumers, regulators, policymakers and industrial stakeholders. The panellists’ interventions and interaction with the audience highlighted the importance of technology neutral policies and the need for concrete actions in support of nuclear projects in Europe.



Outreach to the European Parliament

nucleareurope continued to reach out to Members of the European Parliament on key files of importance to the sector. Contacts were primarily maintained with the Committee on Industry, Research and Energy (ITRE) and the Committee on the Environment, Public Health and Food Safety (ENVI). nucleareurope also participated in several European Energy Forum debates in order to intervene during the discussions regarding the contribution of nuclear to, for example, achieving the 2050 decarbonisation targets and ensuring security of energy supplies.

Below is an overview of some of the traditional tools which nucleareurope continued to make use of in order to support the association's advocacy goals.

nucleareurope in the news



KÄRNKRAFTENS FRAMTID
Det värnas för kärnkraft i EU – "En tydlig svängning"

Jessica Johnson, Kommunikationsdirektör på Nuclear Europe, och Jörgen Warborn (M), ledamot i Europaparlamentet. Bild: Presbild, Daniel Jakobsson

Allt fler värtecken syns nu för kärnkraften i EU. Efter en lång tid med frösgigt motstånd börjar anhängarna få överhanden. Det kan betyda lättare tillgång till EU-pengar och regler som gör privata investeringar mer attraktiva.

Förändringen har först skett inrikespolitiskt i flera EU-länder. Detta får sedan konsekvenser när ministrar och parlamentariker träffas i EU för att fatta gemensamma beslut.



NUCLEAR POLITICS
Nuclear Industry Welcomes European Proposals That Pave Way For Advanced Reactors

By David Dalton
 27 February 2025

Commission to assess red tape and consider 'investment needs' for new build

The European Commission will assess the possibility of streamlining permitting and licensing practices for the deployment of new nuclear energy technologies.

The European nuclear energy industry has welcomed European Commission proposals that pay significant attention to ensuring a technology neutral approach to low-carbon energy sources and pave the way for the rollout of advanced reactor



FINANCIAL TIMES
EU energy
Brussels seeks to force EU companies to disclose Russian gas contracts

European Commission will propose rules next month requiring contract details to be shared with energy and security authorities

Countries such as Hungary and Slovakia are still heavily reliant on Russian fuels © Robert Nemeš/Getty Images

Alice Hancock in Brussels
 Published 6 MAY 2025
 Updated 19:15

The European Commission plans to force EU companies to reveal details of their Russian gas contracts, as it seeks to crack down on fuel imports from the country by 2027.



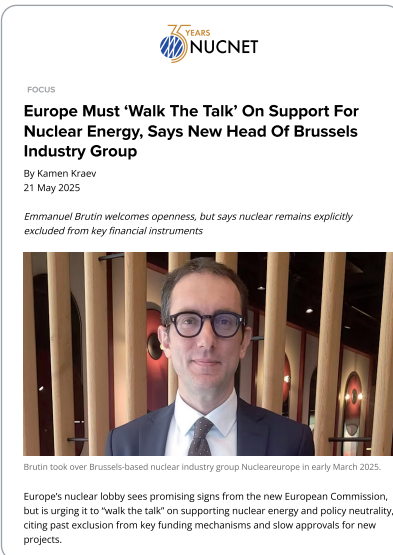
NUCLEAR POLITICS
Long-Term Vision On Nuclear Needed In Green Industrial Deal, Says European Group

By David Dalton
 3 February 2025

Nucleareurope wants significant deployment of both reactors and renewables, but calls for 'level playing field'

European policymakers need to put forward a long-term vision which shows support for all technologies – including nuclear – capable of meeting the "massive" challenge of securing 24/7 access to clean and affordable energy sources, the Brussels-based industry group Nucleareurope has said.

In a [position paper](#) on energy sovereignty and industrial competitiveness, Nucleareurope calls for the significant deployment of nuclear and renewable capacity on European soil.



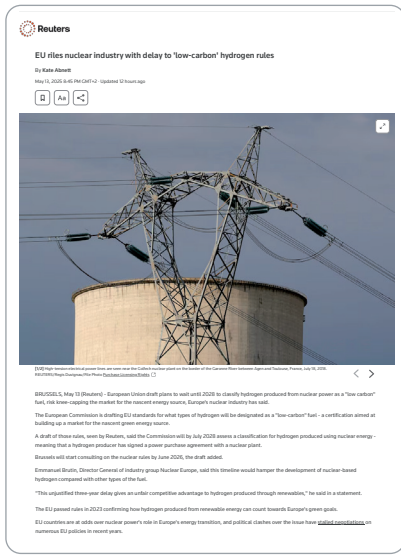
FOCUS
Europe Must 'Walk The Talk' On Support For Nuclear Energy, Says New Head Of Brussels Industry Group

By Kamen Kraev
 21 May 2025

Emmanuel Brutin welcomes openness, but says nuclear remains explicitly excluded from key financial instruments

Brutin took over Brussels-based nuclear industry group Nucleareurope in early March 2025.

Europe's nuclear lobby sees promising signs from the new European Commission, but is urging it to "walk the talk" on supporting nuclear energy and policy neutrality, citing past exclusion from key funding mechanisms and slow approvals for new projects.



Reuters
EU allies nuclear industry with delay to 'low-carbon' hydrogen rules

EU date shared
 May 15, 2025 5:45 PM GMT+2 | Updated 07 hours ago

EU's new 'low-carbon' hydrogen rules will allow 2025 to classify hydrogen produced from nuclear power as a "low-carbon" fuel, but this exempts the market for the so-called "grey" hydrogen industry, the deal.

The European Commission is doubling EU standards for what types of hydrogen will be designated as a "low-carbon" fuel – a certification aimed at building up a market for the so-called green energy source.

A draft of these rules, seen by Reuters, said the Commission will by July 2025 assess a classification for hydrogen produced using nuclear energy – meaning that a hydrogen producer has signed a power purchase agreement with a nuclear plant.

Brussels will start consulting on the nuclear rules by June 2025, the draft added.

Emmanuel Brutin, Director General of industry group Nuclear Europe, said the timeline would hamper the development of nuclear-based hydrogen compared with other types of the fuel.

"This unjustified three-year delay gives an unfair competitive advantage to hydrogen produced through renewables," he said in a statement.

The EU passed rules in 2023 conferring how hydrogen produced from renewable energy can count towards Europe's green goals.

EU countries are all with some nuclear power's role in Europe's energy transition, and political clashes over the issue have [hampered EU policies](#) in recent years.

nucleareurope views



nucleareurope
Supporting a sustainable future

Press Release
13 January 2025

Nucleareurope welcomes new President Xavier Ursat

Brussels, 13 January 2025: nucleareurope is pleased to announce that Xavier Ursat has been appointed by the association's General Assembly as nucleareurope's President for a two-year period starting on 1 January 2025.

"2025 will be a crucial year for the EU, with the new European Commission and Parliament expected to tackle Europe's declining industrial competitiveness and energy challenges. As an association, nucleareurope will continue to advocate for technology neutrality across the entire legislative framework and in future discussions. In terms of achieving the net zero target by 2050, the European nuclear industry will play a crucial role by providing low-carbon, dispatchable, and affordable baseload energy for citizens and industries. Nuclear energy contributes to the stability of the European power system and to massively decarbonising our economy. I am excited to contribute to this journey as President of nucleareurope," states Mr Ursat.

Since April 2024, Xavier Ursat has held the position of Senior Executive Vice President Strategy, Technologies, Innovation and Development at EDF Group. He is also Chairman of the Strategic Committee for the French Nuclear Sector (CSFN) and the French Nuclear Energy Industry Organization (GIFEN) since 2020.

About us: nucleareurope is the Brussels-based trade association for the nuclear energy industry in Europe. The membership of nucleareurope is made up of 15 national nuclear associations and through these associations, nucleareurope represents nearly 3,000 European companies working in the industry and supporting around 1,100,000 jobs.

More information:
• Jessica Johnson, Communications and Advocacy Director: jessica.johnson@nucleareurope.eu

nucleareurope
Supporting a sustainable future

Press Release
3 February 2025

Energy sovereignty key to industrial competitiveness

Brussels, 3 February 2025: Today, nucleareurope has issued a [position paper](#) highlighting its recommendations for the upcoming Clean Industrial Deal. The paper calls on policymakers to ensure technology neutrality and a level playing field between all net zero energy technologies, including nuclear and renewables.

"As indicated in the Competitiveness Compass issued by the European Commission on 29 January 2025, Europe must act now to regain its competitiveness and secure its prosperity. Access to affordable net zero energy will be key in this respect," highlights nucleareurope Director General, Yves Desbazeille. "In 2024, nuclear was the primary source of electricity production in the EU accounting for around a quarter of total electricity generation and nearly half of all the low-carbon electricity produced. This demonstrates that it is a significant asset for the entire European electricity system, contributing to security of supply, energy sovereignty and industrial competitiveness," he adds.

As highlighted in the paper, the challenge is massive. Europe needs 24/7 access to clean and affordable energy sources. Therefore, the contribution of all net-zero technologies is essential. In addition to reducing dependence on energy imports, the focus should be on producing as much net zero energy as possible in Europe to meet the urgent increase in electricity demand (due to, for example, the AI revolution), whilst at the same time pushing for rapid electrification of energy intensive industries.

The paper therefore calls for:

- A significant increase in electrification
- Ramping up of the nuclear supply chain
- Cost efficient balancing of the electricity system
- Encouraging the production of clean hydrogen in Europe
- Enabling sufficient financing
- Tackling the current skills shortage.

The paper also draws attention to the fact that the European nuclear sector is strong and represents one of very few energy technologies where the EU can be less reliant on third countries, be largely self-sufficient and even globally dominant. As such it is important that the value of nuclear is recognised and that it is included throughout the legislative framework.

Click [here](#) to download the position paper.

nucleareurope
Supporting a sustainable future

Press Release
26 February 2025

Nucleareurope welcomes technology neutral approach of Clean Industrial Deal

Brussels, 26 February 2025: nucleareurope welcomes the European Commission's proposal for a [Clean Industrial Deal \(CID\)](#) and [Action Plan for Affordable Energy](#) published today, both of which pay significant attention to ensuring a technology neutral approach in line with our requests. As highlighted in the CID, access to affordable energy is key to the competitiveness of European industries and this will only be achieved by accelerating the transition to clean, domestically generated energy. Furthermore, it also stresses the importance of accelerating electrification.

"The proposals published today show a much greater willingness from the Commission to ensure technology neutrality in policy" highlights nucleareurope Director General, Yves Desbazeille. "Indeed, many of the ideas outlined in the two documents apply to both nuclear and renewables. We look forward to engaging with policymakers over the coming months with the goal of ensuring that the EU puts in place the right tools to strengthen its competitiveness" he adds.

According to the CID, the Action Plan for Affordable Energy will focus on the following with the goal of lowering energy bills and accelerating the roll-out of clean energy and electrification

- Full implementation of the Electricity Market Design reform, particularly the use of Power Purchase Agreements (PPAs) and Contracts for Difference (CFDs).
- The launch of a technology neutral European Investment Bank pilot programme for corporate PPAs to be used for the long-term purchase of electricity generation.
- Assess State Aid for nuclear supply chains and technologies.
- Provide guidance to Member States on designing CIDs and their potential combination with PPAs.
- Lowering of taxes on electricity and removal of non-energy related taxes in order to support energy intensive industries in particular.

The Action Plan itself includes the following more concrete measures such as assessing the possibility to streamline current permitting and licensing practices for the deployment of new nuclear energy technologies such as Small Modular Reactors. Whilst this is a positive step in the right direction, this potential should be extended to cover all nuclear projects. Furthermore, the proposal places significant attention on industrial consumers adjusting their demand to when clean energy is available, including promoting remuneration of flexibility in retail contracts. The reality is that some industries operate 24/7 and therefore simply cannot adjust in this way. As such, some form of remuneration should also be envisaged to compensate clean energy sources which are capable of meeting this demand for a constant supply of energy, such as nuclear.

nucleareurope
Supporting a sustainable future

Press Release
5 March 2025

New leadership at nucleareurope

Brussels, 5 March 2025: nucleareurope is pleased to announce that as of today, Emmanuel Brutin will join the association as Director General. He takes over from Yves Desbazeille, who has been at the helm of the association since 2017.

"I am thrilled to be entrusted with the leadership of nucleareurope at such a pivotal moment for the sector. Nuclear already plays a decisive role in decarbonising Europe's energy mix and ensuring our energy sovereignty. As the EU tackles the key challenges of achieving net-zero emissions and maintaining a strong industrial base, it is a crucial technology in providing customers with a constant supply of decarbonised energy and support the bloc's electrification efforts" states Emmanuel Brutin.

Emmanuel Brutin has worked in European affairs for 20 years, focusing on energy and climate issues. Since 2019, he has been in charge of advocacy at CEMBUREAU, the European cement industry association. Previously, he headed up the Brussels office of National Grid, the UK energy transmission company.

"I would like to thank Yves Desbazeille for his years at the head of nucleareurope and for the excellent handover", adds Emmanuel. "I am very much looking forward to working with the nucleareurope team, its members, and EU officials to advance nuclear's role in addressing Europe's challenges."

This change in management follows on from the appointment of Xavier Ursat (EDF) as President and Jaana Isotalo (TVO) as Vice President of nucleareurope in January 2025.

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More information:
• Jessica Johnson, Communications and Advocacy Director: jessica.johnson@nucleareurope.eu


NUCLEAREUROPE SOCIAL MEDIA

nucleareurope @Nucleareurope · 3 Dec 2025

Yesterday, nucleareurope organised its traditional end of year workshop, "nuclear: from planning to action".

It allowed to look back on 2025 milestones, highlight the role of nuclear in the EU energy system, and discuss the policy framework.

Read more swll.to/LWBdc4



nucleareurope @Nucleareurope · 18 Sep 2025

Press Release - Roadmaps to New Nuclear: Industry statement.

Nucleareurope, together with industry associations present at the @OECD_NEA #RoadmapsToNewNuclear high-level conference, co-signs industry statement

swll.to/moru4



EPRI and 7 others



nucleareurope 12,395 followers

THE EUROPEAN BUSINESS FEDERATION FOR NUCLEAR ENERGY & JETIL SUBSTITUTION TECHNOLOGY

European Business Federations support to nuclear, in the presence of nucleareurope President **Xavier Ursat**, and DG Emmanuel Brutin

Read more <https://swll.to/PX63Rxq>

Christophe Grudler MEP Tsvetelina Penkova Ondřej Krutlík Alena MASTANTUONO Marcin Nowacki Dumitru Fornea Fabrice Le Saché Dominique Moulliot GIFEN Berta Picamal Vicente


nucleareurope @Nucleareurope · 9 Dec 2025

@EU_Commission approves State aid for the construction and operation of Poland's first nuclear power plant!

The power plant will bring 3.75GW of clean electricity generation capacity - a major asset for EU energy sovereignty!

swll.to/twk6i

@IGEIOS @PEJ_PL




EUROPEAN COMMISSION APPROVES STATE AID FOR POLAND'S FIRST NUCLEAR POWER PLANT

nucleareurope @Nucleareurope · 4 Jun 2025

nucleareurope President @xursat opens #NuclearEurope2025!

Nucleareurope's Annual Conference kicks off with fireside chats with:

- @Energy4Europe DG @JorgensenJuul
- @MPgovpl Secretary of State Wojciech Wrochna
- MEP @GrudlerCh
- nucleareurope President @xursat




nucleareurope @Nucleareurope · 30 Oct 2025

@EIB and @tvo.fi sign €90 Million loan agreement to finance investments in Olkiluoto 1 and 2 power plant units.

This agreement confirms EIB's openness to support nuclear - a major step forward for the financing of nuclear projects in the EU!

tvo Teollisuuden Voima @tvo.fi · 30 Oct 2025

Teollisuuden Voima Oyj and European Investment Bank (EIB) @EIBtheEUBank have signed a new loan agreement worth EUR 90 million to finance the investment project for the Olkiluoto 1 (OL1) and Olkiluoto 2 (OL2) plant units.



INTERNATIONAL PRESENCE & ALLIANCES

nucleareurope is represented at meetings of a number of key nuclear-related organisations and alliances, including the European Nuclear Safety Regulators' Group (ENSREG), Sustainable Nuclear Energy Technology Platform (SNETP), European Nuclear Society (ENS), European Human Resources Observatory for Nuclear (EHRO-N), International Atomic Energy Agency (IAEA) and the OECD's Nuclear Energy Agency (NEA). Nucleareurope is also active in coordinating initiatives and collaborating with the global industry represented by our sister organisations (WNA, NEI, CNA, JAIF and the NIA).

Below is a snapshot of just some of the activities nucleareurope was involved in in 2025.

Sustainable Nuclear Energy Technology Platform (SNETP)

The Sustainable Nuclear Energy Technology Platform was established in 2007 to coordinate nuclear fission research actions and to advise the European Commission on priorities for EU funding. It underlines the importance of the research dimension of the nuclear sector, the need to maintain high levels of safety, the importance of retaining competences and know-how and the increasingly competitive nature of this global industry.

nucleareurope provides continued secretariat support to SNETP, including dissemination activities and support to the European Affairs and Industry committees. Furthermore, we collaborate with SNETP on the Strategic Energy Technology (SET) Plan and actively participated in the Implementation Working Group (IWG) 10 on Nuclear Safety.

LET'S WORK TOGETHER TO SUPPORT NUCLEAR IN THE EU!

**JOIN US
NOW!**

MAKE YOUR VOICE HEARD IN EU POLICY DECISIONS

Together, our role is to influence the EU decision-making process, focusing on Brussels based institutions and other key stakeholders.

nucleareurope engages in discussions throughout the legislative process.

Upstream actions are key to our success!



MEMBER BENEFITS

- Direct contact with EU policymakers and a broad network of stakeholders key in energy policy discussions
- Early warning system: regular updates on EU activities and policy files
- Access to members-only analysis and publications
- Participation in different working groups to shape policy
- Participation in nucleareurope events
- Visibility on website and at events

**nucleareurope**

CONTACT: MEMBERSHIP@NUCLEAREUROPE.EU



Forum Atomique Européen (nucleareurope)

Avenue des Arts 56

1000 Brussels

tel +32 2 502 45 95

www.nucleareurope.eu

