



PROGRAMME

Third NEA Stakeholder Involvement Workshop on Optimisation in Decision Making

5-7 September 2023

Paris, France

Practical information and workshop venue

The workshop will take place at the

OECD Headquarters and Conference Centre
2, rue André Pascal
75016 Paris

Building access

Please **plan to arrive at the OECD Conference Centre (address above) 45 minutes in advance of the meeting start time** in order to allow sufficient time to access the building and arrive at the room.

Participants must be registered by the NEA Secretariat in order to receive the building access QR code to be sent by email on the evening of 3 September 2023. Show this to security at the main entrance along with a photographic identity document (such as a passport or nationally-issued ID) to be admitted to the premises. You do not need to print the code – it can be displayed from your mobile screen. Next, proceed to the reception desk to receive a building pass. After the reception desk, please follow the signage to **room CC1** and check in with the NEA Secretariat.

For security reasons, participants not registered or arriving without an identity document will be unable to enter the building.

Transport

Metro/RER

- Metro Line 9, La Muette station (9 minutes by foot)
- RER C, Avenue Henri Martin station (7 minutes by foot) or Bougainvilliers station (11 minutes by foot)

Buses

22, 32, 52, 63, 70, PC1

Bus stops:

- La Muette-Bougainvilliers
- Octave feuillet
- Porte de La Muette
- Chaussée de la Muette

For more information about travelling to France, hotels and getting to the venue, please visit: www.oecd.org/conference-centre.

Background

Decision-making processes can be optimised across the whole spectrum of nuclear and radiation-related policy, regulation and practice. Optimisation has always been a fundamental concept in decision making in all parts of society, but the way decisions are taken has changed in recent years. Societal considerations towards nuclear-related activities have evolved to promote more holistic, inclusive and sustainable decision-making perspectives, addressing the need to integrate many diverse aspects and stakeholder¹ views (notably those of civil society) to reach more balanced and “optimised” (i.e. better) decisions.

The Nuclear Energy Agency (NEA) has played a pioneering role in encouraging these developments through the organisation of a number of workshops over the past years to shed light on the complex topic of stakeholder involvement and the concept of optimisation in policymaking. This included the first two editions of the NEA Stakeholder Involvement Workshop on “[Stakeholder Involvement in Nuclear Decision Making](#)” (2017) and on “[Risk Communication – Towards a Shared Understanding of Radiological Risks](#)” (2019). Other relevant workshops included the joint NEA and DSA (Norwegian Radiation and Nuclear Safety Authority) workshop on a “[Regulatory Framework of Decommissioning, Legacy Sites and Wastes from Recognition to Resolution: Building Optimization into the Process](#)” (2019), the NEA workshop on “[Optimisation: Rethinking the Art of the Reasonable](#)” (2020), and the NEA workshop on “[Multifactor Optimisation of Predisposal Management of Radioactive Waste](#)” (2020).

One of the conclusions of these events was that while optimisation is crucial in decision making, there is no common understanding across nuclear sectors of what an “optimised” decision implies. A key aspect identified in this context was the involvement of stakeholders, and especially civil society, in the decision-making process. It was noted that there was room for improvement, for more transparency and greater stakeholder involvement, and that there was a lack of a robust framework in this context. While an optimised decision depends largely on the prevailing circumstances in which the decision is taken, there is a need for generic guidance in the implementation of more holistic, inclusive and sustainable decision-making processes. Better cross-sector communication was highlighted as one way to optimise decisions and appropriately consider and balance their societal, health, environmental and economic impacts. The Third NEA Stakeholder Involvement Workshop will be an important step in identifying the key considerations that allow for a common approach

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1. In addition to policy makers and regulators (e.g. safety authorities), stakeholders include but are not limited to (representatives of): elected governmental officials; civil society; Indigenous peoples; NGOs (including environmental groups); academic community; media; public opinion builders; businesses and industry (workers, unions, suppliers, professional associations, etc.); and the international community (including neighbouring countries) (adapted from IAEA [2021], “[Stakeholder Engagement in Nuclear Programmes](#)” and NEA [2021], “[Towards a Shared Understanding of Radiological Risks](#)”). More broadly speaking, a stakeholder is “any group or individual who feels affected by an activity, whether physically or emotionally”. This can be “organisations and groups that are statutory stakeholders – those required by law to be involved in any planning, development or operation of a nuclear project – as well as non-statutory stakeholders – those who have an interest in or will be directly or indirectly impacted” (IAEA, [Nuclear Communicator’s Toolbox](#)).

to decision-making processes across the nuclear sectors and across the NEA member countries. This will support the objectives outlined in the [NEA Strategic Plan 2023-2028](#)² (NEA, 2022, pp. 8, 9, 20).

As countries aim to achieve the United Nations' Sustainable Development Goals, there is a growing need for more holistic, inclusive and sustainable decision-making processes that account for national/cultural contexts and the complex interplay between economic, environmental, health and societal aspects. The ultimate goal is to reach a sustainable, transparent and widely accepted decision-making process. Such a process should balance the different factors and risks, depending on the prevailing circumstances, to identify the optimal solution or solutions for all stakeholders and society as a whole.

In other words, decisions should no longer be narrowly based on a limited number of aspects and views or on one specific sector. This applies to all kinds of decision-making processes and contexts. Inclusive and deliberative approaches and the management of the multiple consequences of decisions could lead to a holistic view of governance and make it a mutual learning process for policymakers, regulators, owners, practitioners, experts and civil society implementers.

Workshop objectives

Based on the above, the Third Stakeholder Involvement Workshop will have the following three overarching objectives:

1. [Improving the common, practical understanding of what optimisation in decision making means](#) for policymakers, regulators and other stakeholders, notably civil society, across the nuclear sector and compare with non-nuclear sectors.
2. [Identifying the foundation of a generic multidimensional framework to support the optimisation process](#) for decision-makers across the nuclear sector to achieve more sustainable decisions.
3. During 1 and 2, [supporting inclusive stakeholder involvement, notably civil society, and identifying the relevant tools/approaches](#) to optimise decision making using qualitative and quantitative elements across the nuclear sector and achieve more sustainable decisions.

Approach

To set the scene for the workshop and to prepare a common ground for discussions, three preparatory webinars were held between December 2022 and February 2023 to improve the common practical understanding of what optimisation in decision making means. The webinar outcomes will be presented during the workshop and will be made available as handouts on the workshop event page. The video recordings of each webinar are available on the respective webinar event pages:

- First preparatory webinar: www.oecd-nea.org/jcms/pl_75150;
- Second preparatory webinar: www.oecd-nea.org/jcms/pl_75168;
- Third preparatory webinar: www.oecd-nea.org/jcms/pl_75170.

2. NEA (2022), *The Strategic Plan of the Nuclear Energy Agency: 2023-2028*, OECD Publishing, Paris, www.oecd-nea.org/jcms/pl_64036/the-strategic-plan-of-the-nuclear-energy-agency-2023-2028.

The workshop, its preparatory webinars, and potential follow-up activities will help to improve the inclusion of stakeholders, notably civil society, into decision-making processes.

Scope

The workshop will be based on active and constructive engagement between participants and aim for a better, cross-cutting understanding among the different nuclear sectors. This will not include the medical field, however, in order to limit the complexity of the subject matter. The scope of the preparatory webinars was reduced to finding a common practical understanding of what optimisation means in decision making for the purposes of this workshop, i.e. describing a broad decision-making process, with its drivers and barriers, and the potential influencing factors, rather than developing a new definition of “optimisation” as such. For this purpose, the decision-making process will be broken down into three phases which will be analysed individually.

For the purposes of the webinars and the workshop, the terms “decision” and “decision making” refer to decisions that will have, or can be expected to have, a direct impact on stakeholders. Decision-making entities are assumed to have the required legal authority. This does not include lower-level decisions in which there is no expectation for purposeful stakeholder engagement.

Three phases to guide the discussions

The process of optimisation in decision making will be examined in the context of an end goal of making more holistic, inclusive and sustainable decisions that are understood and reasonably accepted by all parties involved, with specific focus on all relevant stakeholders during the process. Each group of stakeholders is likely to have their own set of key considerations that are to be consolidated in a deliberative and sustainable manner to reach an optimised decision. For the purposes of the workshop and preparatory webinars, the decision-making process is broadly broken down into three phases:

Phase I: Identifying and framing the purpose of the decision (i.e. pre-decision-making activities). This includes how a problem and its context is identified, explicitly stated, with the method(s) for its assessment. For example, what is the problem, why should it be solved, and what are the consequences if the problem is not considered? What are the legal/regulatory triggers? Who needs to be engaged in the problem formulation? Who would be impacted by the decision(s)?

Phase II: Finding and evaluating options for solutions (i.e. analysis of options for making the decision). This includes the identification of different options and the assessment of their risks, benefits, feasibility and impact in view of the prevailing circumstances, as well as the timeline for their potential implementation.

Phase III: Selecting, executing and post-assessing the decision (i.e. executing and implementing a decision and gaining insight/feedback on the process post-decision). This includes the selection of the “optimal” decision based on the analysis of options above, the communication and implementation of that solution, and the post-assessment of the decision and the decision-making process during/after its implementation to extract lessons for future decisions.

This workshop was organised with the kind and generous support of:

- Canadian Nuclear Safety Commission (CNSC), Canada
- Institute for Radiological Protection and Nuclear Safety (IRSN), France
- Nuclear Protection Evaluation Centre (CEPN), France
- Norwegian Radiation and Nuclear Safety Authority (DSA), Norway
- Sizewell-C, EDF Energy, United Kingdom
- U.S. Department of Energy (DoE), United States

Day 1 – Tuesday, 5 September 2023

8:00-9:00 **Registration**
OECD Conference Centre

Introductory session

9:00-10:00 – Room: CC1

9:00-9:30 **Opening remarks**

[William D. Magwood, IV](#), Director-General, Nuclear Energy Agency (NEA)

[Haidy Tadros](#), Director General, Directorate of Environmental and Radiation Protection and Assessment, Canadian Nuclear Safety Commission (CNSC), Canada and Workshop Chair

[Nadja Železnik](#), Chair, Nuclear Transparency Watch (NTW), Slovenia [*remotely*]

9:30-10:00 **Keynote remarks**

[David A. Wright](#), Commissioner, US Nuclear Regulatory Commission (NRC), United States

Session 1: **Setting the scene – Optimising decision making through stakeholder involvement**

10:00-12:40 – Room: CC1

Moderated by: [Haidy Tadros](#) (CNSC) and [Jan Haverkamp](#) (Nuclear Transparency Watch, Greenpeace Netherlands and WISE)

10:00-10:20 **Setting the scene: problem statement and objectives**
[Haidy Tadros](#), Workshop Chair

10:20-10:40 **Presentation of preparatory webinar outcomes**
[Greg Lamarre](#), Head of Division, Radiological Protection and Human Aspects of Nuclear Safety, Nuclear Energy Agency (NEA)

10:40-11:10 Coffee break and group picture

Session 1: **Setting the scene – Optimising decision making through stakeholder involvement** (*cont'd*)

10:00-12:40 – Room: CC1

11:10-12:10 **Roundtable: Why stakeholder involvement can help optimise decision making**

Panellists:

[Jaana Isotalo](#), Senior Vice President, HR & Communication, Teollisuuden Voima Oyj Rauma (TVO), Finland

[Gaston Meskens](#), Researcher, Belgian Nuclear Research Centre (SCK CEN), Belgium

[Anne Nisbet](#), Member of Committee 4, International Commission On Radiological Protection (ICRP)

[Johan Swahn](#), Director, Swedish NGO Office for Nuclear Waste Review (MKG), Sweden

[Laure Tourjansky](#), Commissioner, French Nuclear Safety Authority (ASN), France

[Hildegarde Vandenhove](#), Director, Division of Radiation, Transport and Waste Safety, International Atomic Energy Agency (IAEA)

12:10-12:40 **Joint discussion with audience**

12:40-13:40 Lunch break

Day 1 – Tuesday, 5 September 2023 (cont'd)

Session 2: **The first phase of the decision-making process: Preparations and framing of the problem statement and development of a holistic approach through stakeholder involvement**

13:40-15:40 – Room: CC1

Moderated by: [Yves Lheureux](#) (ANCCLI) and [Peter Bryant](#) (Sizewell-C/EDF)

13:40-14:40 **Roundtable: Including stakeholder views for more holistic decision making – how and why**

Panellists:

[Ryoko Ando](#), President, Fukushima Dialogue, Japan

[Marco Brugmans](#), Vice-chair, Authority for Nuclear Safety and Radiation Protection (ANVS), Netherlands

[Matthew Castle](#), Radiation and Emergency Preparedness Manager, Sizewell C/EDF, United Kingdom

[Nuria Prieto Serrano](#), Senior Technician, National Radioactive Waste Company (ENRESA), Spain

[Yevgeniya Tomkiv](#), Management Board Member, European Platform for Social Sciences and Humanities Research Relating to Ionizing Radiation (SHARE)

14:40-15:10 **Joint discussion with audience**

How to prepare for and appropriately frame a complex problem through an effective and holistic incorporation of stakeholder perspectives?

15:10-15:40 Coffee break

Session 3: **Challenges and opportunities in engaging with all stakeholders**

15:40-17:45 – Room: CC1

Moderated by: Pippa Feinstein (NTP) and Malgorzata Sneve (DSA)

15:40-17:40 **The various stakeholders and their own perspectives**

15:40-15:55 **A TSO's perspective**

Jean-Christophe Niel, Director General, Institute for Radiological Protection and Nuclear Safety (IRSN), France

15:55-16:10 **An industry perspective**

Peter Bryant, Head of Environment, Decommissioning, Sizewell-C/EDF, United Kingdom

16:10-16:25 **A perspective from academia**

Deborah Oughton, Professor, Norwegian University of Life Sciences, Norway

16:25-16:40 **An NGO perspective**

Azby Brown, Lead Researcher, Safecast, Japan

16:40-17:10 **Joint discussion with audience: How to deal with gridlock situations**

17:10-17:50 **Keynote presentations**

Moderated by: Thierry Schneider, Director, Nuclear Protection Evaluation Centre (CEPN), France and Workshop Co-Chair

17:10-17:30 **The importance of stakeholder involvement**

Garrett Schmidt, Executive Director, Ya'thi Néné Land and Resource Office, Canada

17:30-17:50 **The NEA High-level Group on Stakeholder Engagement, Trust, Transparency and Social Sciences (HLG-SET)**

Rumina Velshi, Member of the NEA High-level Group on Stakeholder Engagement, Trust, Transparency and Social Sciences (HLG-SET)

17:50-17:55 **Closing remarks**

Thierry Schneider, Director, Nuclear Protection Evaluation Centre (CEPN), France and Workshop Co-Chair

17:55 Reception – End of day 1

Day 2 – Wednesday, 6 September 2023

Introductory session

9:00-9:40 – Room: CC1

9:00-9:10 **Opening remarks and highlights from Day 1**

[Haidy Tadros](#), Workshop Chair

9:10-9:40 **Keynote remarks**

[Maria del Pilar Lucio Carrasco](#), Commissioner, Nuclear Safety Council (CSN), Spain

Session 4: **The second phase of the decision-making process: Balancing competing elements to help make a decision**

09:40-11:40 – Room: CC1

Moderated by: [Simon Carroll](#) (Vattenfall) and [Kevin Dressman](#) (US DoE)

9:40-10:40 **Roundtable: Approaches and practices to help balance competing elements in decision-making processes**

Panellists:

[Florentin Blanc](#), Head, Regulatory Delivery Programme, Directorate for Public Governance, Organisation for Economic Co-operation and Development (OECD)

[Julie de Brux](#), Associate, Citizing Consulting, France

[Jan Haverkamp](#), Vice-chair of Nuclear Transparency Watch - Senior expert nuclear at Greenpeace Netherlands and WISE, Netherlands

[Jessica Palmqvist](#), Managing Director, Swedish Nuclear Fuel and Waste Management Company (SKB), Sweden

10:50-11:10 **Joint discussion with the audience**

11:10-11:40 Coffee break

Session 5: The third phase of the decision-making process: communicating decisions to the stakeholders, implementing them and learning from the process

11:40-13:10 – Room: CC1

Moderated by: [Roland Dussart-Desart](#) (Ministry of Economy, Belgium) and [Deborah Oughton](#) (NMBU)

11:40-12:40 **Roundtable: Implementing decisions and learning from them in co-operation with stakeholders**

Panellists:

[Nobuhiko Ban](#), Commissioner, Nuclear Regulation Authority (NRA), Japan

[Deborah Oughton](#), Professor, Norwegian University of Life Sciences (NMBU), Norway

[John Takala](#), Director, CAMECO Corporation, Canada

[Pavlo Tkachenko](#), Co-founder, SaveDnipro/SaveEcobot, Ukraine

12:40-13:10 **Joint discussion with the audience**

13:10-14:10 Lunch break

Day 2 – Wednesday, 6 September 2023 (cont'd)

Session 6.1: **Case studies: Developing guidelines on optimisation in decision making**

14:10-17:55 – Room: CC1, CC16, CC20, Room E

Moderated by: [Michael DeJong](#) (CNSC) and [Thierry Schneider](#) (CEPN)

14:10-14:20 **Introduction and instructions**

[Greg Lamarre](#), Head of Division, Radiological Protection and Human Aspects of Nuclear Safety, Nuclear Energy Agency (NEA)

14:20-15:35 **Case studies: Introduction**

14:20-14:45 **Case study I: The Environment Agency's Review of Waste Management Optimisation and Technetium-99 Discharges from Sellafield**

[Colette Grundy](#), Senior Nuclear Regulator, Environment Agency, United Kingdom

14:45-15:10 **Case study II: Siting a Deep Geological Repository: Experience from Spain**

[Nuria Prieto Serrano](#), Senior Technician, National Radiological Waste Company (ENRESA), Spain

15:10-15:35 **Case study III: Nuclear New Build: Experience from Canada**

[Robin Manley](#), Ontario Power Generation, Canada *[remotely]*

15:35-17:50 **Case studies: Collaboration and resolution**

Each table will work on an assigned case study. Each table will be accompanied by a moderator, who will lead the discussion, and a rapporteur, who will note the key aspects of the group's response to the case study.

A coffee break of about 30 min at free disposition for the table groups will be arranged within this session

17:55 End of day 2

Day 3 – Thursday, 7 September 2023

Introductory session

9:00-09:40 – Room: CC1

9:00-9:10 **Opening remarks and highlights from Day 2**

Haidy Tadros, Workshop Chair

9:10-9:40 **Keynote remarks**

Hajimu Yamana, President, Nuclear Damage Compensation and Decommissioning Facilitation (NDF), Japan

Session 6.2: **Case studies: Developing guidelines on optimisation in decision making – Discussion and Feedback**

9:40-12:10 – Room: CC1

Moderated by: Michael DeJong (CNSC) and Thierry Schneider (CEPN)

9:40-11:40 **Case studies: Outcome discussion and feedback**

One volunteer rapporteur per case study will briefly present to the plenary the approach and key aspects of the table's solution to the respective case study. Other groups who worked on the same case study will then have the possibility to comment and add to the presented approach. This will be repeated for each case study. The session will conclude with a general discussion and a Q&A with the plenary.

11:40-12:00 Coffee break

Day 3 – Thursday, 7 September 2023 (cont'd)

Closing session

12:00-13:30 – Room: CC1

Moderated by: William D. Magwood, IV, Director-General (NEA)

12:00-12:40 **Part 1: Stakeholder Involvement: The way forward for “optimised” decisions – A moderated conversation**

Panellists:

[Pierre-Marie Abadie](#), CEO, French National Radioactive Waste Management Agency (Andra), France

[Nobuhiko Ban](#), Commissioner, Nuclear Regulation Authority (NRA), Japan

[Jan Haverkamp](#), Vice-chair of Nuclear Transparency Watch - Senior expert nuclear at Greenpeace Netherlands and WISE

[Deborah Oughton](#), Professor, Norwegian University of Life Sciences, Norway

[David A. Wright](#), Commissioner, US Nuclear Regulatory Commission, United States

12:40-13:20 **Part 2: The NEA's future strategic activities in optimising decision making – A Panel discussion among the chairs of the NEA Standing Technical Committees**

Panellists:

[Roland Dussart-Desart](#), Chair, NEA Nuclear Law Committee (NLC)

[Jean-Christophe Niel](#), Chair, NEA Committee on the Safety of Nuclear Installations (CSNI)

[Jessica Palmqvist](#), Vice-chair, NEA Radioactive Waste Management Committee (RWMC)

[Thierry Schneider](#), Chair, NEA Committee on Radiological Protection and Public Health (CRPPH)

[Haidy Tadros](#), Chair, NEA Committee on Decommissioning of Nuclear Installations and Legacy Management (CDLM)

13:20-13:30 **Closing remarks – NEA**

[William D. Magwood, IV](#), Director-General (NEA)

13:30 End of day 3

Speaker biographies



William D. Magwood, IV has been the NEA’s Director-General since 2014. Prior to that, he served as Commissioner of the US Nuclear Regulatory Commission (NRC), appointed by the US President and confirmed by the Senate. In 2005-2010, he provided independent strategic and policy advice on energy, environmental and technology policy issues. From 1998 to 2005, Mr Magwood was Director of Nuclear Energy at the US Department of Energy, where he launched several important initiatives, including the Generation IV International Forum (GIF). He began his career working as a scientist for Westinghouse and Edison Electric Institute. Mr Magwood holds Bachelor’s degrees in Physics and English from Carnegie Mellon University and a Master of Fine Arts from the University of Pittsburgh.



Haidy Tadros has been with the CNSC since 2006 and has held several technical and leadership roles in the areas of radiological protection, integrated management systems, organisational change management, licensing of nuclear fuel cycle facilities and licensing of new nuclear technologies.

In her current role as Director General of the Directorate of Environmental and Radiation Protection and Assessment, she is responsible for overseeing all aspects of regulatory assessments and research in the fields of environmental and radiological protection, including geoscience, environmental risk, health science and laboratory services. A key focus of her work is ensuring regulatory, technical and scientific information and data are shared and communicated with Indigenous nations and communities, the public and interested stakeholders. Prior to joining the CNSC, Ms Tadros worked in radiological protection and completed a Master’s degree in biomedical sciences.

Speaker biographies



Thierry Schneider has been Director of the Nuclear Protection Evaluation Centre (CEPN) in France since January 2017. He has a PhD in economics in the field of health and insurance.

He is currently the Chair of the NEA Committee on Radiological Protection and Public Health. He is also the Chair of Committee 4 (in charge of application) of the International Commission on Radiological Protection (ICRP). He has been involved in research projects related to the assessment and management of radiological risk and to the methodological approach for optimisation of radiological protection, including societal and ethical issues. He has been involved in post-accident management projects since 1990 at the national, European and international levels, dealing with the management of the consequences of the Chernobyl and Fukushima Daiichi accidents.



Pierre-Marie Abadie has been CEO of the French National Radioactive Waste Management Agency, Andra, since 2014.

From 2007 onwards, Mr Abadie was Director of Energy at the General Directorate for Energy and Climate of the Ministry of the Environment. In this role, he was a member of the Board of Andra, EDF and of the International Energy Agency.

Previously, from 2002 to 2007, Mr Abadie was the Advisor to the Minister of Defence for Industrial Affairs. From 1998 to 2002, he held several positions in the General Directorate of the Treasury. From 1994 to 1998 he was Deputy Director at the Regional Industry, Research and Environment Directorate of Lorraine and Head of the Regional Industrial Environment Service.

Mr Abadie is a general mining engineer and graduate of the École Polytechnique. He is an officer of the French National Order of Merit, as well as the Legion of Honour.



Ryoko Ando is a graduate of the University of Tsukuba, having completed a degree in the comparative studies programme. She has actively pursued the recovery of Fukushima following the 2011 nuclear accident.

To support the restoration of local life in the affected areas, she founded Ethos In Fukushima and implemented a co-expertise process centred around radiation measurements. Since 2012, she has been actively engaged in the ICRP Dialogue and in 2016 she assumed the role of operational lead. In 2019, she established the NPO Fukushima Dialogue and has since served as its Chairperson.

Ms Ando is also a writer. Her book *Shooting at the Sea* was published in 2019 and offers an account of her personal experiences following the Fukushima Daiichi accident. In 2022 she released “Steve & Bonnie”, an essay chronicling her visit to the Hanford Site. She organises dialogues in Fukushima to promote stakeholder involvement in the affected areas and contribute to community well-being.



Nobuhiko Ban received Bachelor’s and Master’s degrees in health sciences from the University of Tokyo. Following a five-year career in individual radiation monitoring of nuclear workers, he returned to the university as a research associate and obtained a PhD in medical science.

After working for two universities as a faculty member, he was appointed as Commissioner of the Nuclear Regulation Authority in 2015. Dr Ban conducted research on a range of topics related to radiation exposure and its effects. He has a long career in education and training in radiation risk and radiological protection. His commitment extends to a variety of groups, such as university medical personnel, nuclear workers, local officials and police officers. He was also involved in risk communication activities following the accident at the Fukushima Daiichi nuclear power station.

Dr Ban is a member of Committee 4 of the International Commission on Radiological Protection (ICRP). He is also the chair of the Working Group on Leadership and Safety Culture of the NEA Committee on Nuclear Regulatory Activities, the Nuclear Energy Agency.

Speaker biographies



Florentin Blanc has been working for nearly 20 years in international development and co-operation issues, and over 16 years on regulatory policy and regulatory delivery.

He has worked in over 40 countries throughout most of the world, with a particular focus on regulatory enforcement and inspections, a topic on which he has written or contributed to a number of major publications, including for the OECD (2014 Principles and 2018 Toolkit). He has also extensive experience and expertise in food safety regulation, technical regulations and product-market regulations, risk-based regulation, licensing and permitting etc. He holds a PhD in Law from Leiden University (NL) on how risk-based inspections and enforcement can contribute to improving regulatory outcomes (public welfare) while also reducing the economic costs of regulation and strengthening state legitimacy. After an initial career in education, and 3 years in an international NGO, he worked for 15 years with the World Bank Group, with occasional consulting assignments for the OECD and other organisations or countries. He has also been conducting research work, in particular on questions linked to the drivers of regulatory compliance and behaviour change. Since 2019, he has joined the OECD to lead work on regulatory delivery, in particular inspections, enforcement, technological transformation of regulation, and administrative barriers issues, as well as develop work on technical regulations (food safety, product safety, environmental protection, etc.). From 2021, his work and his team's programme have particularly focused on the technical regulation of low-carbon energy sources and the management of risk-risk tradeoffs.



Azby Brown is a native of New Orleans and has lived in Japan since 1985. He is a widely published author and authority on Japanese architecture, design and environment.

In 2003 he founded the KIT Future Design Institute in Tokyo, which for 15 years focused on the role of design and creativity in conflict resolution. Since the Fukushima Daiichi accident in March 2011, Mr Brown has been a core member of Safecast, a global volunteer-based citizen-science organisation devoted to developing new technology platforms for crowdsourced environmental monitoring which promote open-source and open data principles. He is Safecast's lead researcher and is the primary author of the Safecast Report, closely involved with assisting affected communities and analysing and reporting the issues they face. In addition, he leads the group's day to day operations, including education and outreach. He is on the Sculpture and Creative Innovation Faculties of Musashino Art University and the Architecture Faculty of Japan Women's University.



Marco Brugmans started at the Authority for Nuclear Safety and Radiation Protection (ANVS) in 2015. Since 2017, he has been serving as Deputy Chair of the Board of ANVS. In August 2022, Dr Brugmans was reappointed by the State Secretary for Infrastructure and Water Management for a term of five years.

In 2023 he was appointed vice-chair of the European Nuclear Safety Regulators Group (ENSREG). ENSREG is an independent advisory body of the European Commission. Dr Brugmans has a decade of experience in the field of the prevention of home and leisure accidents. He worked at VeiligheidNL, previously known as the Consumer Safety Institute, where he was Director/Member of the Board during the final five years of his tenure. Before joining VeiligheidNL, Dr Brugmans worked as a researcher in radiotherapy at the National Cancer Institute in Amsterdam, as well as in radiological protection with the National Institute for Public Health and the Environment.

Dr Brugmans studied technical physics (MSc) at the Technical University in Eindhoven. He holds a PhD in experimental physics from the University of Amsterdam, as a result of his research performed at the FOM-Institute for Atomic and Molecular Physics (AMOLF) in Amsterdam. Dr Brugmans is also Chairman of the Supervisory Board of the “Het Amsterdams Lyceum”, a high school in Amsterdam, as well as of the affiliated foundations: the Amsterdams Lyceum Facilities Fund Foundation and the Wolkenland Foundation.



Julie de Brux is the founding partner of Citizing, a research and consultancy company specialising in the evaluation of economic, social and environmental impacts of public projects and policies.

She is convinced evaluating externalities is a necessity to better allocate public spending and reinforce projects acceptability. She holds a PhD in economics and she previously worked for approximately 10 years in the construction industry and in public organisations. With Citizing, she has been in charge of the cost-benefit analysis of Cigeo, the French nuclear waste management project.

Speaker biographies



Peter Bryant is an experienced radiological protection professional within the Nuclear Power and Contaminated Land Sectors. He is employed within EDF (United Kingdom) New Nuclear Build Project, Sizewell C, leading the Environment, Sustainability, Radiation Protection and Emergency Preparedness Teams.

Mr Bryant is additionally a member of ICRP Task Group 120 on Radiological Protection for Radiation Emergencies and Malicious Events, and an invited expert to the NEA Expert Group on International Recommendations (EGIR). He was also formerly President of the Society for Radiological Protection, the United Kingdom's chartered professional body for radiation safety and radioactive waste management. Mr Bryant holds an academic position in Radiation Protection and Nuclear Safety at the University of Surrey, has published multiple peer-reviewed papers, and is the author of the book *Airborne Radioactive Discharges and Human Health Effects*.



Maria del Pilar Lucio Carrasco has been Commissioner of the Spanish Nuclear Safety Council since 2019. She holds a degree in political science and sociology from the Complutense University of Madrid, a Master's degree in strategic consulting of organisations and carried out postgraduate studies in governance and public administration.

She was regional Minister of Equality and Employment between 2007 and 2011 and a member of the Spanish Parliament from 2011 to 2019. She has also been Federal Secretary for Climate Change and Sustainability of the Socialist Party, Spokesperson for the Environment and Spokesperson for Energy and Rapporteur at the Congressional Commission on Nuclear Safety and Radiation Protection between 2016 and 2019. The main purpose of her work is to promote dialogue and share knowledge among institutions, public experts, operators, citizens and local stakeholders. It is also to develop the expertise of citizens to give them the capacity to be involved in decision-making processes on nuclear issues.

Ms Lucio Carrasco has also been a Tutor Professor at the National Distance Education University and Director of European projects for business, local and human resources development in the region of Extremadura.



Simon Carroll has been a Senior Adviser in the Business Unit Nuclear Decommissioning of Vattenfall since May 2018. Prior to that he was a Senior Analyst for Decommissioning at Sweden's national nuclear regulator, the Swedish Radiation Safety Authority (SSM).

He is a member of the NEA Committee on Decommissioning and Legacy Management (CDLM) and was Chair of its Working Party on Management and Organisation until the end of 2022. He is also a member of the United Kingdom's Nuclear Liabilities Financing Assurance Board, advising the Secretary of State on the financial arrangements for decommissioning new nuclear reactors in the United Kingdom. Since July 2022 he is an Associated Scientist at the Centre for Environmental Radioactivity of the Norwegian University of Life Sciences. In this role he is developing work on sustainability and decommissioning, as well as decommissioning risks. For the past 15 years his principal focus has been nuclear decommissioning, and he has more than 35 years of international experience in nuclear power and radioactive waste issues, as well as in environmental policy development. Mr Carroll has degrees in medicine and radiochemistry as well as in European law.



Matthew Castle is the Radiation and Emergency Preparedness Manager at Sizewell C, working as part of the Sizewell C Environment, Radiation Safety & Decommissioning Team. He has responsibility for radiological protection, solid radiation waste management decommissioning and emergency preparedness

The team provides expert advice and input into the design, construction and, eventually, operation of the EPR reactors planned to be constructed at Sizewell C. Mr Castle manages a small but growing team of RP and EP specialists. Prior to working at Sizewell C, Matthew worked on operational, decommissioning and new build reactors, including at the Sellafield High Level Waste Plants, Magnox (Dungeness A, Berkeley and Oldbury) and for Horizon, supporting Hitachi's advanced boiling water reactor project. He worked with the Environment Agency in the nuclear regulation group as the regulator for Harwell and supporting the Sizewell C permitting work until October 2022. His experience is primarily in radiological protection, environmental management and radioactive waste management. He is a certified Radioactive Waste Adviser and Radiation Protection Adviser.

Speaker biographies



Michael DeJong joined the CNSC in September 2022. Before joining the CNSC, he held various leadership positions across the federal government, including Director General, Rail Safety, at Transport Canada. In this role, he was responsible for developing and implementing policies and regulations to strengthen rail safety in Canada, which included administering the Railway Safety Act and the rail safety oversight programme.

Michael previously served as Director General, Multi-Modal and Road Safety Programs, which included exercising leadership to advance a multi-modal approach at Transport Canada to safety and security. This role included responsibility for the motor vehicle safety regulatory framework and oversight programme.

Michael has held positions at Public Safety Canada, Finance Canada, Privy Council Office and Treasury Board Secretariat. He has a master's degree in economics from Queen's University.



Elizabeth (Mary) Denechezhe has been the Chairperson for the Ya'thi Néné Land and Resource Office Board of Directors since 2021. Mary is a founding member of Ya'thi Néné and was appointed to the Board in 2016 to represent her home community of Hatchet Lake Denesuliné First Nation. Mary has extensive experience on boards and in leadership roles. She served and represented her community as the Health Director for 13 years and led her community's response to the COVID-19 pandemic. Mary and her family are active land users throughout Nuhenéné. She is a mother, grandmother and great-grandmother. Mary's values and skills include her ability to assess issues and to keep an open mind. She is responsible and holds herself and others accountable for their actions.



Roland Dussart-Desart has enjoyed a long career within the legal services of the Belgian Ministry of Economic affairs, dealing i.e. with competition, energy, insurance, statistics, metrology and consumer protection. His last position was head of the legal division of the Ministry, with main duties in the department of litigations and legislations.

Roland Dussart-Desart joined the Nuclear Law Committee for the first time in 1987. In the field of nuclear liability, he participated to the revision of the Brussels, Paris and Vienna conventions and attended several workshops organised by the NEA. He is also administrator of the BNLA (Belgian branch of INLA) and of several associations dealing with industrial archaeology.

After his retirement from the Belgian administration in 2019, he was annually re-elected chairman of the Nuclear Law Committee, until 2024.



Pippa Feinstein is a public-interest nuclear regulatory lawyer based in Toronto, Canada. She is the founder and co-ordinator of the Nuclear Transparency Project, a Canadian-registered non-profit dedicated to supporting open, informed and equitable public discourse on nuclear technologies.

Ms Feinstein is also earning a PhD at Osgoode Hall Law School at York University. Her research examines how Canadian regulation of nuclear infrastructure shapes and is shaped by the ecological and social relations in which it is embedded.

Speaker biographies



Colette Grundy has specialist policy, regulation and industry knowledge and experience from working nuclear over 20 years. She has a first degree, Masters and Doctorate in Chemistry and is a Chartered Chemist and a Fellow of the Royal Society of Chemistry. Colette joined the nuclear industry in 2000 where she worked for BNFL, Environment Agency and National Nuclear Laboratory, NNL. Colette was appointed an NNL Fellow in nuclear regulation. In 2014 her work including advising the Government and training the Nuclear Regulator in Jordan on the Generic Design Assessment, GDA approach for new nuclear reactors. Colette was presented with an award from the UK Foreign and Commonwealth Office for her contribution to work on nuclear safety in Jordan.

Colette has led international inspections for her work in Environment Agency new nuclear build in United Kingdom, France, United States, Canada, and has worked with regulators in Sweden and Finland in new nuclear build and public engagement approaches. From 2017-2019 Colette was Head of Regulation for Advanced Nuclear Technologies at Department for Business, Energy and Industrial Strategy, BEIS, now the Department for Energy Security and Net Zero, seconded from the Nuclear Innovation Research Office, NIRO. In the Environment Agency, Colette has worked in Advanced Nuclear Policy, and regulation of New Reactor Build, and she currently works in the Nuclear Regulation Group as a senior nuclear regulator. She is currently leading work to develop a team and capability to regulate fusion energy as delivery lead for Fusion. Colette also works part time on policy and strategy in the New and Operational Sites team.

Colette is a UK representative for the Department for Energy Security and Net Zero to the Generation IV International Forum, GIF supporting the development and deployment of advanced nuclear technologies. She leads on safety and operation for sodium fast reactors. Colette has a strong interest in public engagement and stakeholder participation in decision making for nuclear projects.



Jan Haverkamp is a senior nuclear energy and energy policy expert with the World Information Service on Energy (WISE) and Greenpeace Netherlands. He is also co-founder and vice-chair of Nuclear Transparency Watch. He is a Dutch citizen and has been based in the Netherlands since 2017, having previously lived 21 years in the Czech Republic and Poland and having worked since 1985 in Central Europe.

His work as a developer of environmental organisations in Central Europe, as an energy campaigner and nuclear energy specialist, brought him into contact with nuclear power and energy policy in all EU and EU accession countries operating, having operated or having taken moves to operate nuclear power stations, as well as Belarus, Canada, Japan, Russia, South Korea, Switzerland, Chinese Taipei, Türkiye, Ukraine and the United States. He also worked for four years as Greenpeace's EU nuclear policy advisor in Brussels, among other things during the start of the Fukushima Daiichi accident and the subsequent nuclear stress tests. He was involved in developing and following the implementation of the Euratom Nuclear Safety Directive, the Nuclear Waste Directive and the Directive on Basic Radiation Standards. He has extensive experience in nuclear transparency issues, especially the implementation of the Espoo and Aarhus Conventions in the nuclear sector. He participates as an independent civil society expert in the European nuclear waste research project EURAD.



Jaana Isotalo is a talented and energetic leader with a passion for better working life. She is the Senior Vice President of HR and Communications at Teollisuuden Voima Oyj (TVO).

Ms Isotalo has a strong knowledge and understanding of the nuclear industry, gained through 20 years of experience from varied roles in the sector. Combined with her passion for developing organisation culture and leadership, Ms Isotalo possesses exceptional insight in managing human resources, training and community relations as a nuclear industry executive. A talented communicator, she excels in getting across messages, both written and spoken, in a convincing manner. In addition to her experience at TVO, Ms Isotalo has worked for the International Atomic Energy Agency (IAEA) as a Training and HR Specialist in Vienna, Austria. She has also taken part in several IAEA and World Association of Nuclear Operators (WANO) international missions since 2005. Ms Isotalo's leadership skills have been reinforced by an extensive background as a board member of various organisations currently focusing on the Finnish insurance sector. She is also involved in several national and international working groups for promoting nuclear and developing leadership, and is currently a member of both Nuclear Europe's and the European Nuclear Society's General Assemblies.

Speaker biographies



Greg Lamarre was appointed Head of Division – Radiological Protection and Human Aspects of Nuclear Safety at the Nuclear Energy Agency (NEA/RP-HANS) in March 2021. In this capacity, Greg is responsible for the implementation of the Divisions mandate as it relates to advancing nuclear safety across the NEA member countries specifically in the areas of radiological protection and the human aspects of nuclear safety.

Greg Lamarre has over 30 years of experience as a systems engineer and leader in government, in an international organisation and previously in the military. He joined the NEA-OECD from the Canadian Nuclear Safety Commission (CNSC) in Ottawa where he was most recently the Director General of the Safety Management Directorate. In this role, he was responsible for leading a number of divisions responsible for providing the organisation with world-class technical expertise in the areas of safety management. He held progressively more senior roles at the CNSC in the areas of licensing and compliance of research facilities, safety management and emergency preparedness, security and safeguards. Greg also previously worked at the NEA-OECD for a three-year period as deputy head of the nuclear safety division. Prior to commencing his career in the nuclear industry, Greg served as a marine systems engineering officer in the Royal Canadian Navy. A Canadian national, Greg holds undergraduate (Chemical Engineering) and graduate degrees (Nuclear Engineering) from the Royal Military College in Kingston Ontario and a Master of Business Administration Degree from the University of Ottawa. He is a licensed professional engineer in his home province of Ontario.



Yves Lheureux has a scientific background and joined the French National Federation of Local Information Committees (ANCCLI) in 2012.

He has extensive experience working with public information and stakeholder involvement concerning chemical and nuclear issues at the local level. He lives near the Nuclear Plant of Gravelines, which is one of the biggest nuclear power plants in the world with six reactors producing 900 MWe. The main purpose of his work is to promote dialogue and share knowledge among institutions, public experts, operators, citizens and local stakeholders. It is also to develop the expertise of citizens to give them the capacity to be involved in decision-making processes on nuclear issues. Mr Lheureux has spent a large part of his professional life organising local actions to raise the awareness of citizens on environmental and nuclear issues. His work includes local initiatives with NGOs and participation and outreach with local communities.



Robin Manley is the President of Paradymshyft Nuclear Advisory Ltd. Robin has spent over 30 years in the nuclear industry, including senior roles in new nuclear development, nuclear licensing, and radiological protection. From 2019 to 2022, Robin was Vice-President of New Nuclear Development at Ontario Power Generation (OPG) where he led the implementation of Small Modular Reactors. In particular, Robin led OPG's process to select an SMR technology partner and design. Prior to that, Robin was Vice-President of Nuclear Regulatory Affairs at OPG responsible for the licensing of OPG's Pickering and Darlington nuclear generation stations and of all OPG's nuclear waste facilities. In his current position, Robin provides support to many of Canada's nuclear utilities and leading proponents of new nuclear power deployment in Canada.



Gaston Meskens holds master degrees in theoretical physics and nuclear engineering from the University of Ghent (Belgium) and works part-time with the Science and Technology Studies group of the Belgian Nuclear Research Centre SCK CEN and with the Centre for Ethics and Value Inquiry of the Faculty of Arts and Philosophy of the University of Ghent. At the Centre for Ethics and Value Inquiry, his research focuses on a human rights perspective related to intellectual capacity building in the interest of global sustainable development governance. At SCK CEN, his research and outreach is concerned with the ethics of science and technology in general and with the ethical aspects of dealing with nuclear technology in particular. Gaston Meskens has built up more than 20 years of experience in participative and transdisciplinary research related to the ethics of governance of issues such as sustainable development, energy, climate change and radioactive waste management and with working in and around the policy processes of the United Nations Framework Convention on Climate Change (UNFCCC), the United Nations Non-Proliferation Treaty process (UN-NPT) and of the research-related activities of the European Commission. Since 2006, he is member of the steering committee of the Constituency of Research-oriented Independent Non-Governmental Organisations towards the UNFCCC (the constituency that represents the global scientific world in the United Nations Climate Change negotiation process) and was chair of the constituency from 2016 to 2018. In the previous years, he also participated as an invited expert in Belgian parliamentary and public hearings on the ethics of risk-inherent technology governance, in several Technical Committees of the International Atomic Energy Agency and of the OECD and in UN missions in the frame of sustainable development. At SCK CEN Gaston is now working as researcher, writer, lecturer and mediator of dialogue on ethics in relation to science, technology and democratic decision making.

Speaker biographies



Jean-Christophe Niel has over 30 years of experience in nuclear safety control and radioprotection through various roles. He has held positions at the French technical safety organisation, the Institute for Radiological Protection and Nuclear Safety (IRSN), and the French nuclear safety authority, the Autorité de Sûreté Nucléaire (ASN).

For nearly a decade, Dr Niel served as the Director General of the ASN. In April 2016, he was appointed by the President of the French Republic to lead the IRSN. In April 2021, he was reappointed for another five-year term. Currently, Dr Niel serves as the Chairman of the Committee on the Safety of Nuclear Installations (CSNI) of the Nuclear Energy Agency (NEA). Additionally, he has been appointed as a member of the International Nuclear Safety Group (INSAG) by the Director General of the IAEA, Rafael Grossi.



Anne Nisbet (PhD, CRadP) is Radiation Recovery Lead at the UK Health Security Agency with over 35 years of experience in radiological protection. She has worked as an expert in the field of emergency planning, response and recovery, including the development of strategies for stakeholder engagement. She has also undertaken environmental assessments and radioecological studies. At the national level, she has responsibility for providing UK advice for public health protection in the event of radiation emergencies and is lead for UK Recovery Handbooks for Radiation Incidents.

Dr Nisbet has served as a member of the International Commission on Radiological Protection (ICRP) Committee 4 since 2013 and was actively involved in the drafting of ICRP Publication 146 (2020). She is chair of ICRP Task Group 120 on Radiological Protection for Radiation Emergencies and Malicious Events. Previously, she was a consultant to the International Atomic Energy Agency, the Nuclear Energy Agency and the US National Council on Radiation Protection and Measurements. She is a co-author of the recent NEA (2022) publication on *Building a Framework for Post-Nuclear Accident Recovery Preparedness*.



Deborah H. Oughton is professor in Nuclear Chemistry/ Environmental Chemistry and Director of the NFR Centre of Excellence for Environmental Radioactivity (CERAD) at the Norwegian University of Life Sciences.

She is adjunct Professor at the University of Oslo, where she teaches philosophy of science and research ethics to PhD students in the Faculty of Mathematics and Natural Sciences. She has worked for more than 20 years on the social and ethical aspects of radiation risks, including the Chernobyl and Fukushima Daiichi accidents. She is a member of UNESCO's World Commission on the Ethics of Scientific Knowledge and Technology (COMEST), and a member of the All European Academies (ALLEA) Permanent Working Group on Science and Ethics.



Jessica Palmqvist has a background as MSc in Civil Engineering and McC in Environmental Management and Policy from Lund University in Sweden.

Jessica joined Svensk Kärnbränslehantering AB, SKB, in 2008 and has a broad experience of the Swedish radioactive waste management programme as Head of Safety, Quality and Environment and since 2019 Head of Research and Development. Her experience embraces responsibility for independent nuclear safety oversight to responsibility for development of engineered barrier systems and research in post-closure-safety analysis. Present, Jessica is acting Managing Director for SKB since 1 December 2022. Jessica Palmqvist joined the RMWC Bureau in 2022.

Speaker biographies



Nuria Prieto Serrano is a philologist and lawyer with 20 years of experience in radioactive waste management.

She obtained both her degrees in Madrid, with postgraduate studies on EU Law at the University of Saarbrücken (Germany). She has served in the Legal Department of the Spanish radioactive waste management agency, ENRESA, and currently works in the Department of International co-operation and R&D. During the period of negotiations of the European Waste Directive (2010-12), she was seconded as a national expert to the European Commission in Luxembourg. She participates in several international groups in nuclear law, such as the International Nuclear Law Association (INLA), being Chair of the Working Group on radioactive waste, and the NEA Nuclear Law Committee. She is also part of the bureau of the NEA Forum on Stakeholder Confidence. She participates in different fora at the IAEA (e.g. Joint Convention review processes) and the EU representing her country (e.g. in the Working Group on waste of the European Nuclear Safety Regulators Group, or ENSREG). She is the author of several academic papers about EU nuclear law and a lecturer in the Masters course in energy law of the Spanish Energy Club in Madrid.



Malgorzata Sneve has worked at the Norwegian Radiation and Nuclear Safety Authority (DSA) since 1994. Throughout her tenure, she has played a crucial role in the development of major regulatory co-operation programmes involving the DSA and its sister authorities in various countries.

Since the beginning of her career, Ms Sneve has been actively involved in international co-operation efforts, participating in organisations such as the IAEA, the ICRP and the NEA. Within the NEA, she serves as a member of the Committee on Radiation Protection and Public Health (CRPPH) and Committee on Decommissioning of Nuclear Installations and Legacy Management (CDLM), while also being a member of the Bureau of the CDLM. Furthermore, she chairs the NEA Expert Group on Legacy Management (EGLM).

Ms Sneve's publications include over 90 reports from workshops as well as conference papers and peer-reviewed journal articles published in English, Russian, and other languages. Among these publications, 19 articles have undergone a peer review process.



Johan Swahn is the Director of the Swedish NGO Office for Nuclear Waste Review (MKG). He leads the organisation's work in participating in the decision-making process for the nuclear industry's licence application for a Swedish final repository for spent nuclear fuel.

Dr Swahn has a Master's in engineering physics and a PhD in science, technology and global security from the Chalmers University of Technology, Göteborg, Sweden. He is also a member of the Management Board of Nuclear Transparency Watch (NTW) and a member of the International Panel for Fissile Materials (IPFM).



John Takala has more than three decades of experience applying the system of radiological protection in the nuclear fuel cycle. He started his career as a health physicist and was primarily focused on a number of technical challenges, such as incorporating radiological protection measures into the design and operation of a new generation of very high-grade underground uranium mines and designing an internal dosimetry programme for uranium processing facilities. As many of these projects involved significant changes, either to existing operations and practices or the creation of new facilities and practices, extensive consultation with stakeholders was required.

This involved consultations with workers and unions, public hearings, and obtaining regulatory approval. This theme of communication has continued throughout Mr Takala's career as his responsibilities have been progressively extended to also include safety, environment, contractor and quality management. He is currently the Director of SHEQ Systems at Cameco and leads the team responsible for the corporate programmes in these areas, in addition to being responsible for SHEQ audits. In this capacity he sets the direction and requirements in the broad safety-related activities across the company. He has been engaged in the field of radiological protection at a national and international level. He has been a long-term member of the World Nuclear Association's Radiation Protection Working Group. He has been a member of Committee 4 of the International Commission on Radiological Protection (ICRP) since 2013 and is currently the chair of the ICRP task group writing a report on the surface disposal of solid radioactive waste.

Speaker biographies



Pavlo Tkachenko holds a Bachelor's degree in computer science and mathematics from the Dnipro National University of Ukraine.

Mr Tkachenko is the co-founder of the environmental NGO Save DniPro, which is working for a clean and safe environment in Ukraine by doing independent air monitoring. Their SaveECOBot System is the biggest air quality data provider in Ukraine. He received the Ecotransformation 2018 award for his contribution to the green transformation of the country and the promotion of environmentally friendly production and the support of eco-specialists. Mr Tkachenko also received the Open Data Leader Award 2019 for the highest personal contribution in the development of environmental open data.



Yevgeniya Tomkiv is a postdoctoral research fellow at Norwegian University of Life Sciences (NMBU) and Centre for Environmental Radioactivity (CERAD). She is on the management board of the European Platform for Social Sciences and Humanities in Ionizing Radiation Research (SHARE) and leads research area on societal impacts at CERAD. She has a PhD in Environmental Sciences from Norwegian University of Life Sciences with her thesis focused on improving risk communication and stakeholder involvement in nuclear emergency preparedness. She has spent almost 10 years researching risk communication about ionising radiation and has been involved in multiple EU projects dealing with the societal aspects of radiological emergencies, societal aspects of radon and naturally occurring radioactive material, and stakeholder involvement in environmental remediation and natural resource management.



Laure Tourjansky first worked as Project Manager at the Forecast Direction of the French Ministry of Economic and Financial Affairs. From 2000 until 2021 she worked at the Ministry of Environment, with various successive responsibilities: in the Environmental and Economic Research Department and in the Risk Prevention Directorate, as head of the waste management policy during three years and of the natural risks prevention during five years. From 2010 until 2014, she was Deputy Director at the Île-de-France Regional Department for Environment & Energy. In her various roles, she has worked on informing and involving stakeholders. By decree, Laure Tourjansky was appointed ASN Commissioner on 21 April 2021 until December 2023. She is a graduate from the École normale supérieure of Saint-Cloud in human sciences and the École nationale du génie rural des eaux et des forêts. She holds a doctorate in economics.



Hildegard Vandenhove recently joined the IAEA as Director of the Division of Radiation, Transport and Waste Safety.

She has more than 25 years of experience in the field of radiological protection and radioecology and additionally more than 10 years in the domain of waste management and decommissioning. Before joining the IAEA, she worked at the Belgian Nuclear Research Centre. Her last position was as Institute Director of the Institute of Environment, Health and Safety, responsible for radiological protection, waste and disposal and decommissioning. She also worked as Project Coordinator in Sri Lanka for the Catholic University of Leuven. Dr Vandenhove was, among other things, chair and founder of MEENAS, the European Radiation Protection R&D platform, chair and founder of the European Radioecology Alliance, Board member of the NEA CRPPH, member of the Scientific Council on Ionizing Radiation to FANC, Belgium, and member of the advisory board to ANVS, the Netherlands. She is associate professor of radioecology at the University of Hasselt, has (co-) authored over 100 international journal papers. Dr Vandenhove studied at the Catholic University Leuven, Belgium, from where she holds a PhD in bioengineering. Before that, she completed a Master's degree in environmental sciences and engineering at UBC, Vancouver, Canada.

Speaker biographies



Rumina Velshi was appointed President and Chief Executive Officer of the CNSC in August 2018. Ms Velshi has had a long association with the CNSC, having been a Commission member from 2011 until her appointment as President and CEO.

She has extensive technical, regulatory and adjudication expertise in the energy industry. Throughout her career, she has worked in various capacities at Ontario Hydro and Ontario Power Generation, the electrical utilities in the province. She also previously served as a part-time board member of the Ontario Energy Board, the economic regulator of the province's electricity and natural gas sectors.

In February 2020, Ms Velshi was appointed Chairperson of the Commission on Safety Standards (CSS), established by the IAEA, for a four-year term. She actively promotes careers in science, technology, engineering and mathematics (STEM), especially for young women. Since joining the CNSC as President and CEO, she has launched an initiative to help support women in STEM careers at the CNSC and elsewhere, and to further STEM education by working with interested partners. She has delivered several international keynote addresses about breaking down barriers for women in STEM. Ms Velshi was one of the founding members of Canada's Women in Science and Engineering and currently serves on the Board of Directors of the Canadian Institute for Women in Engineering and Science (CIWES), an institute that advances education in the STEM fields worldwide through an international network of organisations, foundations and experts. She has served as Vice-Chair on the Board of Directors of Scientists in School, a non-profit organisation that offers STEM-focused workshops to more than 700 000 students each year.

Ms Velshi is one of 150 Canadian women whose stories are compiled in *Your Turn*, a book published to mark Canada's 150th anniversary and inspire the next generation of women leaders. Ms Velshi holds a Bachelor of Applied Science degree in civil engineering, a Master of Engineering degree in chemical engineering and a Master of Business Administration, all from the University of Toronto.



David A. Wright was first sworn in as a Commissioner of the US Nuclear Regulatory Commission on 30 May 2018. He is currently serving a term ending 30 June 2025.

Commissioner Wright was Owner/President of Wright Directions, LLC, a strategic consulting, policy development and communications business focusing on energy and water. During this time, he also was a member of the advisory council of the Bipartisan Policy Center's Nuclear Waste Initiative; and an Ex Officio Member and Chairman Emeritus of the Nuclear Waste Strategy Coalition, an ad hoc organisation representing the interests of industry, state officials, local governments and tribes, and consumer advocates.

From 2004-2013, Commissioner Wright served the South Carolina Public Service Commission in a variety of capacities, including Vice Chairman and Chairman. From 2011-2012, he served as President of the National Association of Regulatory Utility Commissioner; he had previously served the association in other capacities, including as a member of the Executive Committee and Board of Directors. From 2010-2013, Commissioner Wright was a member of the Advisory Board of the Board of Directors of the Electric Power Research Institute.

Previously, he was elected councilman and mayor in Irmo, S.C., and to the South Carolina House of Representatives. A colon cancer survivor, Commissioner Wright is an advocate for cancer awareness and education and a former member of the Leadership Council for the Cancer Centres at the University of South Carolina. He was presented with the Community Champions Award by Molina Healthcare of South Carolina in 2016 and the Blue Star Service Excellence Award by the USC Center for Colon Cancer Research in 2014. In 1996, he received South Carolina's highest citizen honor, The Order of the Palmetto. Commissioner Wright received a bachelor's in political science from Clemson University.

Speaker biographies



Hajimu Yamana took up his duties as President of the Nuclear Damage Compensation and Decommissioning Facilitation Corporation in September 2015. He is particularly engaged in the planning of the Technical Strategic Plan and Mid- and Long-Term Roadmap of the decommissioning of Fukushima Daiichi Nuclear Power Plant. He started his career at the Power Reactor and Nuclear Fuel Development Corporation (currently the Japan Atomic Energy Agency) as a reprocessing chemical engineer at the Tokai Reprocessing Plant in 1981. He worked in reprocessing management and the development of advanced recycling systems until March of 1996. In April of 1996, he became an assistant professor at Research Reactor Institute of Kyoto University and he became a professor in 2002. His main focus has been the radiochemistry of actinide elements and nuclear fuel recycling engineering. After the Great East Japan earthquake in 2013, he became president of International Research Institute for Nuclear Decommissioning (IRID), developing techniques for the decommissioning of Fukushima Daiichi. In 2014, he moved to the Nuclear Damage Compensation and Decommissioning Facilitation Corporation and has been engaged as President since 2015. He holds a PhD in engineering from Tohoku University. He is a Professor Emeritus of Kyoto University and a fellow at Atomic Energy Society of Japan.



Nadja Železnik is a physicist with a Master's degree in physics and reactor physics and holds a PhD in psychology from the University of Ljubljana.

Dr Železnik is a specialist in nuclear technology and radioactive waste management, including emergency preparedness and response. She is experienced in risk perception, communication, education and training in environmental projects. She has more than 30 years of experience in research activities, as a civil servant with governmental examination, in waste management and in the technical support organisation. Her accomplishments include the development of strategies and programmes for various nuclear energy projects, and the development of new legislation, cost assessments and investment programmes. Dr Železnik has conducted feasibility studies for environmental initiatives, designed and implemented remediation plans, conducted safety assessments and reports for nuclear facilities, performed radiological investigations and dose assessments, and developed QA/QC plans and procedures. Additionally, she has created communication strategies and plans, assessed public acceptability through surveys, and contributed to education and training in communication and stakeholder involvement. She has been involved in developing informational materials, tools, and related research. As an author, she has published over 200 papers and contributed to several books. She serves as chair of Nuclear Transparency Watch (NTW), an NGO focusing on the nuclear field.

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