Discovering new opportunities to connect through member groups

Member Webinar
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Dr. Sama Bilbao y León
Director General
What are the Association Working Groups?

• Exclusive forums to connect members

• Members inform and influence the work of the Association, share best practices, conduct analysis, and develop consolidated positions on a wide range of industry issues.

• Interface between the nuclear industry and external organizations that impact the future of nuclear energy.
  - Policy framework for nuclear power, such as the International Atomic Energy Agency (IAEA) or the International Commission on Radiological Protection (ICRP).
  - Global policy frameworks for energy, climate change, finance, or resource management, including the International Energy Agency (IEA), World Bank, International Financial Reporting Standards (IFRS) organization, UN Framework Convention for Climate Change (UNFCCC) and the UN Economic Commission for Europe (UNECE).

• Composed of experts from member companies, chaired by one of these experts and has a Board member assigned as a mentor. Administrative and technical support is provided by the Secretariat.

• Advisory Groups support the Secretariat in identifying opportunities and challenges for the global nuclear industry and the Association.
In-depth Review of Working Groups

Objective:
To review the mission, terms of reference and main activities of each group to ascertain relevance, overlaps and gaps.

Process:
- Meeting of Chair, WG mentor and Staff Director (Q1, 2022)
- Each WG discussed at Sept 2022 Board meeting (membership, stakeholders, deliverables)
- Extraordinary Board meeting (16 Feb 2023) to discuss secretariat proposals for realignment
Summary of changes

• New Groups
  • ESG Working Group (formalizing existing ad-hoc groups)
  • Workforce and Talent Development Working Group (HR experts)
  • Innovation Panel (under development for a while, but not yet launched)
  • Cooperation Forum for Nuclear Technology Associations
  • End Energy Users Panel
  • Emerging Markets Panel

• Merged Groups
  • Economics and Law WGs
  • LTO TF absorbed into Supply Chain WG
Summary of changes

• Other changes
  • Plant Performance → Nuclear Deployment and Value Chain
  • Waste Management & Decommissioning → Decommissioning
  • Sustainable Used Fuel Management → Used Fuel Management
  • “Finance” more prominent (Economics, Law and Finance)
  • FCMF → Members Forum
  • Advisory Panel → DG Advisory Council
Working Group Structure

Fuel Cycle WGs
- Fuel Report
- Used Fuel Management
- Transport
- International Network for Safety Assurance of Fuel Cycle Industries

Nuclear Deployment & Value Chain WGs
- Cooperation in Reactor Design Evaluation and Licensing (CORDEL)
- Supply Chain and Long-term Operation
- Economics, Law and Finance
- Decommissioning

Cross-Cutting WGs
- Radiological Protection
- Security
- Workforce & Talent Development
- ESG

Advisory Groups
- DG Advisory Council
- Communication Group
- Innovation Panel
- Cooperation Forum for Nuclear Technology Associations
- End Energy Users Panel
- Emerging Markets Panel
Governance

- Working Groups to remain as standing forums to maintain continuous engagement; encourage junior expert participation; regular monitoring for threats & opportunities
- Ad-hoc groups under WGs for specific tasks/deliverables (use of consultants where insufficient resource or expertise within WG)
- Development of concrete action plans & greater use of KPIs to promote WG performance & impact
- More regular turnover in Chairs – Succession planning
- Greater diversity of member company and more gender balance in chairing WGs
- Emphasis in engagement of the next generation of experts
- Chairs/DG meeting during WGs meeting weeks to maximize synergies and collaboration
Introduction of new groups

https://world-nuclear.org/our-association/what-we-do/working-groups.aspx
Supply Chain & Long Term Operation Working Group

**Mission:**
Enabling a competitive and resilient supply chain in delivering worldwide nuclear new build and long term operations; Enabling a successful business environment to industrialise new nuclear technologies; manufacturing, supply equipment and services; deploy and construct nuclear power plants and deliver their long term operation.

**Stakeholders:**
OECD/NEA CNRA Working Group on Supply Chain (WGSUP), IAEA Supply Chain Management, WANO, NQSA

**Chair:** Laurent-Olivier Coudeyre (EDF)
**Staff Director:** Nathan Paterson

**Areas of Focus:**
- New build construction and LTO refurbishment supply needs
- SMR industrialization
- Commercial grade dedication
- Quality
- Industrial innovation
- Obsolescence management
- …
Innovation Panel

Mission:
Brings global innovation visionaries drawn from outside the nuclear sector to advise the nuclear community about innovation trends within their sectors. It aims to increase the cross-pollination of innovative new technologies and concepts across sectors, while also helping to build connections between the nuclear industry, other sectors and markets.

Chair: TBD
Staff Director: Nathan Paterson

Areas of Focus:
The Innovation Panel will organize at least one event per year showcasing various innovative practices.
Mission:

Provides a forum to gather information on global ESG developments and to share and promote good sustainability practices in the nuclear industry. It aims to engage with the international ESG community and key international sustainability initiatives and stakeholders to address specific issues and barriers to nuclear energy inclusion in ESG frameworks.

Stakeholders:

ESG standard setters; taxonomy/bond framework developers, rating agencies, sustainability

Areas of Focus:

• Sustainability taxonomies & green bond frameworks
• ESG reporting & disclosure standards
• Industry sustainable good practice; uranium mining
• …

• Chair: TBD
• Staff Director: David Hess
Workforce & Talent Development Working Group

Mission:
Provides a forum for relevant industry experts from around the world to collaborate to identify strategies and best practices to attract, develop and retain human capacity and leadership in the nuclear sector.

Stakeholders:
IAEA, WANO, OECD/NEA, ENEN, LANEN, etc

Areas of Focus:
• Attraction of talent, including the young generation
• Knowledge exchange strategies
• Effective retention, development and succession planning strategies
• Leadership pipelines and development
• …

• Chair: TBD
• Staff Director: Isis Leslie
Mission:
Coordinates the work of the Association in an important range of topics relating to the economics, law and financing of nuclear facilities, notably new nuclear power plants, for both developed or developing countries.

Stakeholders:
IEA, IAEA PESS, OECD/NEA, International Financial institutions (IMF, World Bank, Multilateral Development Banks), GFANZ, UNECE, ASEAN.

Chairs: Milton Caplan (MZ Consulting) and Chris White

Staff Director: TBD

Areas of Focus:
- Energy market design
- Financing frameworks
- Legal & contractual models
- Tecno-economic assessment
- System costs
- …
Emerging Markets Panel

Mission:
Share the experience of recent and newcomer nuclear countries in their development programmes, as well as gain knowledge from mature nuclear countries and the wider nuclear industry. As appropriate, it will engage with the other WGs in specific topics.

Stakeholders:
IAEA, African Union, ASEAN, UNECE

Chair: TBD
Staff Director: TBD

Areas of Focus:
- Tenders and contracts
- Project management of a new nuclear program
- Understanding technology options
- Developing a regulatory authority
- Finance
- ...
End Energy Users Panel

Mission:
To bring together end energy users interested in deploying nuclear energy beyond the traditional electric utility model, including industrial applications, repowering coal, petrochemical, data centers, mining, hydrogen and synthetic fuels, fresh water, crypto-mining, shipping, etc.

Stakeholders:
OPEC, 24/7 Carbon-Free Energy Compact, Cryptocurrency, Tech Companies, Shipping companies

Chair: TBD
Staff Director: Aaron Erim

Areas of Focus:
- Financing & ownership models
- Operation models
- Legal & regulatory models
- Technology optimization of coupling nuclear electricity and heat for various applications.
- …
Cooperation Forum for Nuclear Technology Associations

Mission:

Formed by 21 national and international nuclear industry associations who signed the Industry Statement to the Tenth Review Conference of the Parties to the Treaty on the Non-Proliferation of Nuclear Weapons in 12 August 2022, showcasing that peaceful nuclear technologies make an essential contribution to protecting our climate, as well as improving health and well-being for humanity, and the economic welfare of the world.

- Chair: TBD
- Staff Director: Sameh Melhem

Areas of Focus:

- Radiological Protection
- Transport
- Recruitment & retention
- Outreach & communication
Mission:

It will be held alongside all sets of Working Group meetings and provide an opportunity for members to gain an update and provide feedback on the overall programme of work of the Association. The Forum will also host presentations on important issues and major developments that are of general interest across all member groups.

- **Chair:** TBD
- **Staff Director:** Serge Gorlin
Questions?
Helping the global nuclear industry deliver 24/7 clean energy for all