



## **Minutes of the 54<sup>th</sup> meeting of ENSREG**

20 March 2024

Rue de la Loi 130, Brussels, Belgium

### **Participants**

ENSREG members representing national authorities responsible for nuclear safety and safe management of spent fuel and radioactive waste from 24 EU Member States and the European Commission participated in the physical ENSREG meeting which took place on 20 March 2024 in Brussels. No member representatives were present from Ireland, Latvia, or Malta.

Observers from the Council of the European Union, HERCA, IAEA, OECD NEA, Switzerland, Ukraine, United Kingdom and WENRA participated in the open session of the meeting.

The list of all participants is attached as Annex III.

### **Part I – Closed session (members only)**

#### **1. Opening of the meeting, adoption of the agenda**

##### **HLG-p(2024-54)\_204 Agenda of the 54th ENSREG Meeting**

The ENSREG chairperson, Mr Juan Carlos Lentijo, opened the closed session of the 54<sup>th</sup> ENSREG meeting reserved for members only.

Mr Lentijo welcomed two new ENSREG members: Mr Maurizio Pernice, representing National Inspectorate for Nuclear Safety and Radiation Protection, Italy, and Mr Patrik Brodd, representing Ministry of Climate and Enterprise, Sweden.

The chair proposed to modify the draft agenda by including the adoption of the ENSREG statement in view of the upcoming Nuclear Energy Summit on 21 March 2024 in Brussels.

##### **ENSREG took the decision to:**

- **adopt the modified agenda including the adoption of the ENSREG statement (Annex I).**

#### **2. ENSREG statement – adoption**

##### **HLG-p(2024-54)\_202 ENSREG Statement on the occasion of the upcoming Nuclear Energy Summit 20 March 2024**

Mr Lentijo informed that the draft ENSREG Statement on the occasion of the upcoming Nuclear Energy Summit taking place on 21 March 2024 in Brussels was sent for members' comments by email with the deadline of 14 March. The version, taking Austrian, Finnish, and

Italian comments into account, was uploaded to CIRCA. Members were invited to approve the draft statement.

**ENSREG took the decision to:**

- **adopt and publish on the ENSREG website the ENSREG Statement on the occasion of the upcoming Nuclear Energy Summit taking place on 21 March 2024 in Brussels.**

### **3. Administrative matters**

**- ENSREG vice-chairs' nominations**

ENSREG was informed that the first term of office of the ENSREG vice-chairs will come to an end on 31.12.2024 for Mr João Martins Oliveira, and on 24.2.2025 for Mr Marco Brugmans. It was proposed to ENSREG to prolong their terms for another two years.

**ENSREG took the decision to:**

- **approve the prolongation of two ENSREG vice-chairs' mandates for another term finishing by 31.12.2026 for Mr João Martins Oliveira and by 24.2.2027 for Mr Marco Brugmans.**
- **Board for Stress Tests in Third Countries' chair and member nominations**

ENSREG was proposed to approve the candidacy of Mr Petteri Tiippana, Director General of the Finnish Radiation and Nuclear Safety Authority, for the position of the chair of the ENSREG Board for Stress Tests in Third Countries, to replace Mr Frank Hardeman stepping down from the position in April 2024.

ENSREG members were reminded of the open positions for members of the Board.

**ENSREG took the decision to:**

- **approve Mr Petteri Tiippana as the chair of the ENSREG Board for Stress Tests in Third Countries for a 3-year term, ending on 20 March 2027, with a possibility to be renewed.**
- **invite members to nominate replacements for a member of the Board.**

### **4. 8th ENSREG report covering years 2022-2023**

HLG-r(2024-54)\_733 Draft 8th ENSREG report

HLG-r(2024-54)\_734 Draft 8th ENSREG Report Presentation 54 ENSREG 20 March 2024

Ms Marta Žiaková, the former ENSREG chair, from Nuclear Regulatory Authority of the Slovak Republic, presented the draft 8<sup>th</sup> ENSREG report covering the years 2022-2023, which had been uploaded to CIRCA for members' comments.

**ENSREG took the decision to:**

- **invite members to send to the ENSREG secretariat their comments on the draft 8<sup>th</sup> ENSREG report by 3 April 2024.**

## 5. ENSREG Work Programme 2024-2026 – adoption

HLG-p(2024-54)\_206 ENSREG Work Programme 2024-2026

ENSREG discussed the draft Work Programme 2024-2026 and a few modifications were agreed.

The responsibility to monitor the submission of the second topical peer review (TPR-II) national action plans (NACPs) by national regulators was assigned to both the TPR-II Board and WG1, in agreement with their chairs. Since NACPs will be issued in 2025/2026 and, the current TPR-II Board mandate will expire at the end of 2024, the continuity in the monitoring of the submission of NACPs may need to be ensured by WG1.

Mr Petteri Tiippana, Finland, and Mr Bernard Doroszczuk, France, asked not to limit the technical meeting on Counterfeit, Fraudulent and Suspect Items (CFSI) in the supply chain to European countries. Ms Iga Pocztarek-Tofil, the chair of WG1, clarified that the aim is to investigate what could be done within the EU, but not to limit the geographical scope of the supply chains concerned. It was agreed to modify the text by removing the word “limited”.

Mr Thomas Augustin, Austria, drew attention to the correct name of the European Industrial Alliance on Small Modular Reactors (not an EU Industrial Alliance on Small Modular Reactors).

ENSREG took the decision to:

- **approve and publish on the ENSREG website the slightly modified ENSREG Work Programme 2024-2026.**

## 6. Amendment of ENSREG Rules of Procedure – information

HLG-r(2024-54)\_736 ENSREG Amendment of RoP-D530

The Commission informed ENSREG members of the ongoing work to amend the Commission Decision of 17 July 2007 on establishing the European High-Level Group on Nuclear Safety and Waste Management (2007/530/Euratom) and its Rules of Procedure revised in 2011, in order to align them with the Commission Decision of 30.5.2016 establishing horizontal rules on the creation and operation of Commission expert groups (C(2016)3301). The Commission will update ENSREG on the status of the process at the next plenary. Once ready, the draft proposals will be presented to ENSREG for discussion.

ENSREG took note of:

- **the need to have a in depth discussion on the necessary amendments to the ENSREG establishing Decision and the Rules of Procedure.**

## 7. Report from the ENSREG Board for Stress Tests in Third Countries

- **Report by the chair of the Board**

HLG-r(2024-54)\_727 Board for Stress Tests in Third Countries report 54 ENSREG 20 March 2024

Mr Frank Hardeman, the chair of the ENSREG Board for Stress Tests in Third Countries, updated ENSREG on ongoing and planned stress tests in third countries.

One meeting of the Board took place since the 53<sup>rd</sup> ENSREG plenary on 7 March 2024.

Mr Hardeman reported that the site visit to Akkuyu Nuclear Power Plant (NPP) in Türkiye will take place on 27-31 May 2024. He presented the changes in the stress test peer review team composition and the issues with the access of Ukrainian and Cypriot peer review team members to the site. The Board reiterated the importance of an adequate composition of the team. The Iranian Nuclear Regulatory Authority was invited to participate as observer in the peer review.

The chair of the Board reported that a meeting between ENSREG experts and the Armenian nuclear regulatory authority (ANRA) took place on 7 February 2024 and a meeting to receive an update about the NAcP from ANRA will take place on 18 April 2024. Further steps will be decided afterwards.

Mr Hardeman reminded that contacts with Belarus' authorities have been suspended and no progress has been noted on the implementation of the Belarus NAcP following the peer review of the national stress test report for the Astravets NPP. Mr Michail Demčenko, Lithuania, reminded of the importance of monitoring the situation at the NPP to make sure that the remaining safety improvement measures identified by the peer review team are implemented.

The chair reported that a meeting between the Commission and the Egyptian Nuclear and Radiological Regulatory Authority (ENRRA) was organised in Cairo on 30-31 January 2024 to present the EU stress tests. ENRRA would take a decision whether to participate in the stress tests in 2025.

He reported that, due to difficult political relations with Iran, no progress is taking place in view of the possible stress test peer review of the Bushehr NPP.

Mr Hardeman presented to ENSREG members the Board's proposal to organise stress tests in newly built NPPs in the EU for their consideration. The Board will discuss the idea further in their future meetings.

The ENSREG chair thanked Mr Hardeman for his service as chair of the Board.

**ENSREG took note of:**

- **the report of the chair of the ENSREG Board for Stress Tests in Third Countries.**

## Part II – Open session

### 8. Opening of the open session

The ENSREG chair opened the open session of the 54<sup>th</sup> plenary and welcomed the observers. He welcomed Mr Mark Foy as the new representative of WENRA in ENSREG in parallel to representing the UK as an observer, and Mr Jan Van Elst, as the new representative of the Council of the European Union.

### 9. Review of WG1, WG2 and WG3 activities since the 53<sup>rd</sup> ENSREG plenary (20 November 2023)

#### WG1 regular report

HLG-r(2024-54)\_721 WG1 report 54 ENSREG Plenary 20 March 2024

HLG-r(2024-54)\_720 Post-Fukushima NAcP - STATUS REPORT 2023

Ms Iga Pocztarek-Tofil, chair of WG1, reported on the main activities of the working group since the last 53<sup>rd</sup> ENSREG plenary. WG1 held one meeting on 5 March 2024.

Ms Pocztarek-Tofil reported that 10 out of 18 countries that prepared NAcPs after the first topical peer review (TPR-I) have submitted the updates on NAcP implementation. The next status report on the implementation of the TPR-I NAcPs will be prepared by May 2024 for ENSREG's approval by written procedure. The remaining countries will continue reporting to WG1, which will then report to the plenary.

WG1 chair presented the summary report covering the status of completion the **post-Fukushima stress test NAcPs** for ENSREG's approval. 5 countries still have open actions with 1-2 actions each. The reasons for delays are either due to long administrative procedures or new technical solutions discovered. Ms Pocztarek-Tofil proposed not to have more summary reports, but to prepare the closure report once all the actions are finalised. In the meantime, countries would continue reporting to WG1, which will then report to the plenary.

The WG1 chair reported that by the end of 2023 all Member States completed the 2<sup>nd</sup> cycle of Integrated Regulatory Review Service (IRRS) and all Member States completed the 1<sup>st</sup> cycle of Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) missions.

The ENSREG WG1/WG2 sub-group and the IAEA task force will meet in 2024 to review the feedback collected from all the back-to-back IRRS and ARTEMIS missions organised by the end of 2023 and will finalise the supplementary guidelines on the preparation and conduct of IRRS-ARTEMIS back-to-back missions. WG1 chair indicated that the Commission's support will be asked to clarify the requirements on self-assessments and peer reviews of both the Nuclear Safety Directive and Radioactive Waste Directive for future optimisation of peer reviews.

**ENSREG took note of:**

- the report of the chair of WG1.

**ENSREG took the decision to:**

- approve and publish on the ENSREG website the summary report covering the status of completion of the post-Fukushima stress test national action plans.
- to agree that WG1 will report regularly to the plenary on the status of completion of the post-Fukushima stress test national action plans and prepare a closure report once all the actions will be finalised, instead of issuing summary reports.

**WG2 regular report**

HLG-r(2024-54)\_722 WG2 Report 54 ENSREG Plenary 20 March 2024

Mr Marc Demarche, the chair of WG2, presented the main activities of WG2 since the 53<sup>rd</sup> ENSREG plenary. WG2 held a hybrid meeting on 29 February 2024 in Brussels. The next meeting will take place on 1 October 2024 in Luxembourg.

Member States not participating in WG2 were invited to nominate representatives.

WG2 chair informed about a 2-day workshop to be organised end of 2024 / early 2025 on lessons learned on the implementation of the Radioactive Waste Directive.

Mr Demarche presented the proposal to organise a workshop on effective sharing of practical experiences in managing waste from non-nuclear applications and build interaction with the SAMIRA project and HERCA subgroups. He invited Member States that are not represented in WG2 to join the action.

The chair reported about WG2 support for the preparation of a study on a joint European action in waste management (EP Pilot Project) and the drafting of a WG2 technical position on radioactive waste classification in the EU.

The chair also informed about the preparation by WG2 of a summary report on the “first cycle” of peer reviews under Article 14(3) of the Radioactive Waste Directive.

**ENSREG took note of:**

- the report of the chair of WG2.

## **WG3 regular report**

**HLG-r(2024-54)\_726 WG3 Report 54 ENSREG Plenary 20 March 2024**

Mr João Oliveira Martins, the WG3 chair, presented the main activities of WG3 since the 53<sup>rd</sup> ENSREG plenary. WG3 held one meeting on 4 March 2024.

The WG3 chair reported that the group will continue developing the Terms of Reference of the topical peer review Focus Group, in consultation with the TPR-II Board.

He informed that the WG3 task group is working on a proposal for enhancing public and stakeholder engagement in the TPR process. It will be discussed with the TPR-II Board. The flyer on TPR-II has to be reviewed.

The WG3 chair reported that the ENSREG website's migration to the Europa Web Platform, a service provided by the Commission, is ongoing with the deadline of October 2024, when the current hosting contract will expire. WG3 will support the Commission for redesigning the website.

### **ENSREG took note of:**

- **the report of the chair of WG3.**

## **10. 7<sup>th</sup> ENSREG Conference**

- **Date and venue**
- **Approval of the programme**

**HLG-r(2024-54)\_732 ENSREG Conference Report 54 ENSREG 20 March 2024**

**HLG-r(2024-54)\_724 7th ENSREG Conference Programme 2024-SC draft 14 March**

Mr Jan Panek, representative of the Commission, informed that the 7<sup>th</sup> ENSREG Conference will take place on 24 June full day and 25 June morning. He reported that as Commission premises are not available due to renovation works, an external venue is being contracted and the Commission will cover the extra costs incurred. Mr Panek encouraged Member States to send their contributions to cover the expenses of the Conference in a timely manner.

Mr Jure Škodlar, the chair of the Conference steering committee, presented the draft programme for ENSREG's discussion. Members and observers provided comments.

The length and structuring of some topics was discussed. It was proposed to find an overarching theme for the conference, which would also help to structure the topics. It was agreed not to have a separate session presenting work of the working groups, in order to focus on subjects important for ENSREG's overall work and seeking wider stakeholder and expert input on them.

It was suggested to have one session on the licensing of Small Modular Reactors' (SMRs), and to discuss capacity and skills also from the point of view of supply chain representatives, not only from the point of view of regulators.

Mr Korikov, Ukraine, suggested presenting the nuclear safety and security situation in Ukraine, lessons learned from Russia's war of aggression against Ukraine in relation to the maintenance of nuclear safety, non-use of Russian goods and services, and the licencing of new nuclear fuels.

Ms Kirsi Alm-Lytz, IAEA, advocated that the Nuclear Harmonisation and Standardisation Initiative of the IAEA be taken into account in the session on SMRs.

The Steering Committee was invited to continue looking for and structuring the speakers, while also paying attention to gender balance.

The chair of the Steering Committee took note of all the proposals to be discussed within the Committee when finalising the programme.

The role of the Steering Committee was also discussed. It was agreed that the Steering Committee should steer the preparation of the programme, taking full account of the views of the members, including the Commission. The Commission was invited to bring its proposals earlier in the process, ~~or during the Steering Committee meetings, to be discussed and considered in due time.~~ The chair of ENSREG proposed in the future to discuss in advance possible topics within ENSREG and with the Commission to assist the Steering Committee with their work. It was agreed to draw lessons learned on the organisation of the 7<sup>th</sup> ENSREG Conference after the event.

#### ENSREG took note of:

- **The date and the situation with the venue for the 7<sup>th</sup> ENSREG Conference.**

#### ENSREG took the decision to:

- **Approve the draft programme of the 7<sup>th</sup> ENSREG Conference complemented with topic proposed by Ukraine and encouraged the steering committee to consider the proposals formulated by ENSREG members and observers in its discussion on the final programme.**

## **11. Second Topical Peer Review (TPR-II)**

### **- Progress Report by the chair of the TPR-II Board**

**HLG-r(2024-54)\_728 TPR II Board Report 54 ENSREG 20 March 2024**

Ms Sylvie Cadet-Mercier, the chair of the TPR-II Board, reported that the first two experts' meetings for the desktop review of the national assessment reports took place. Answers to written questions are due by 30 April. The site visits to selected research reactors will take place from mid-May to end of July. Draft country review reports will be submitted to participating countries end of July – mid-August. The thematic workshop will take place on 9-12 September and the country group workshop – from 30 September to 3 October, both in



Luxembourg. Mr Petteri Tiippana, Finland, suggested considering the possibility for hybrid participation in the workshops.

Ms Cadet-Mercier reiterated the impacts on the review from the lack of experts. However, it is too late to nominate new experts at this stage.

**ENSREG took note of:**

- **the report of the chair of the TPR-II Board, stressing the need to define lessons learned for the smooth implementation of the next round**

## **12. ENSREG involvement in ENEF**

Mr Panek presented the Nuclear Energy Forum (ENEF), where the ENSREG chair is invited to attend the steering committee meetings.

The Commission has established ENEF upon the request of the European Council for having a broad stakeholder discussion on topical nuclear matters, but not for nuclear promotional purposes. Its steering committee is composed of a broad spectrum of stakeholders, and it is important to ensure that European nuclear safety regulators are duly represented and their views are taken into account when organising the ENEF agenda.

The chair of ENSREG agreed to take part in the ENEF steering committee and proposed that the chair of the 7th ENSREG Conference provides a summary of the ENSREG Conference at the next ENEF, taking place on 30 September – 1 October 2024.

**ENSREG took note of:**

- **the objectives of ENEF and supported the participation of the ENSREG chair in ENEF steering committee meetings, as well as the proposal for Mr Sirc to summarise the outcomes of the 7<sup>th</sup> ENSREG Conference at ENEF.**

## **13. Ongoing / planned studies and grants by the European Commission (EC)**

### **HLG-r(2024-54)\_737 Commission studies**

Ms Margareta Djordjević, Commission, presented the Commission's recently published, ongoing and planned studies.

ENSREG members discussed the benefits of the study to support the EU Member States in the continued work on the implementation of the Nuclear Safety Directive, having in mind the big scope, challenging topics and the fact that WENRA is working on them as well.

Mr Panek reminded that during a workshop on the Nuclear Safety Directive implementation in 2022, together with ENSREG members, three priority topics were identified and the Commission has hired a contractor to identify, in cooperation with the regulators, the collaborative projects that the Commission could fund for the benefit of nuclear safety regulators. ENSREG agreed that a further discussion on the scope and benefits of the study to support the EU Member States in the continued implementation of the Nuclear Safety Directive is needed.

**ENSREG took note of:**

- the presentation on the published, ongoing and planned studies by the Commission, and of the need to discuss further the scope and benefits of the study to support the EU Member States in the continued implementation of the Nuclear Safety Directive.

#### **14. New Commission's support scheme to assist nuclear safety regulators (EC)**

Mr Panek reminded that the 52<sup>nd</sup> ENSREG plenary was informed about the Commission's proposal to provide financial support to the nuclear regulators to conduct joint activities in the area of nuclear safety. The grant scheme would not cover costs associated with the statutory obligations of the regulators. An explanatory online presentation for regulators took place in May 2023 and regulators were invited to propose topics. In the absence of suggestions, the Commission proposed the topic of fuel diversification. However, it has finally been decided in consultation with the regulators concerned that this topic is not the most appropriate and that the grant scheme should instead support ENSREG members cooperation in other areas brought forward by them. The Commission will circulate more information about the grant scheme to ENSREG members and organise a dedicated information session. Concrete proposals for topics can thereafter also be discussed in the three ENSREG working groups.

**ENSREG took note of:**

- the information from the Commission on its proposed new support scheme to assist nuclear safety regulators.

#### **15. ENSREG/WENRA liaison mechanism**

HLG-r(2024-54)\_738 WENRA presentation - Update - Future relationship – ATF

Mr Mark Foy, the chair of WENRA, presented the WENRA strategy, focused on safety objectives, and safety reference levels (SRL) and new challenges. According to WENRA's analysis, existing SRL framework applies to small modular reactors (SMRs) as well. He confirmed WENRA's interest in building relations with other bodies, including ENSREG, for their mutual benefit and with the focus on cooperation on common topics ~~in particular to improve mutual knowledge of respective priorities and activities~~. WENRA will discuss the possible cooperation between the two bodies in their autumn plenary.

**ENSREG took note of:**

- the report of WENRA's chair and the preliminary discussion on the cooperation between WENRA and ENSREG.

#### **16. Accident Tolerant Fuel**

- WENRA position paper

HLG-r(2024-54)\_738 WENRA presentation - Update - Future relationship - ATF

HLG-r(2024-54)\_719 WENRA Position paper - considerations with respect to new fuels development challenges

ENSREG and WENRA's chair exchanged on the possibility of closer cooperation in the future on a definition of advanced technology fuels, such as accident tolerant fuels. ENSREG members discussed the challenges with defining the accident tolerant fuel, taking into

consideration the current development of technology. There is a need for further discussions with the aim of finding a common approach.

WENRA's chair informed that the topic might be discussed in the next plenary of WENRA, taking place in April 2024.

**ENSREG took note of:**

- the discussion on a definition of advanced technology fuels.

**ENSREG took the decision to:**

- invite WG1 (with support of WG2) to reflect on the definition of advanced technology fuels in line with the ENSREG Work Programme 2024-26.

## **17. Nuclear Safety in Ukraine**

### **- Update from SNRIU**

HLG-r(2024-54)\_731 ZNPP update and recovery 54 ENSREG 20 March 2024

HLG-r(2024-54)\_718 Information from UA on diversification of nuclear fuel supply and licensing of alternative fuel for VVER reactors

Mr Oleh Korikov, the chair of the State Nuclear Regulatory Inspectorate of Ukraine (SNRIU) provided an update on the continuously worrying situation at the Zaporizhzhia nuclear power plant (ZNPP). He referred to the adoption of a new resolution on the situation in Ukraine by the IAEA Board of Governors and presented preparatory work towards regaining nuclear safety control at the ZNPP. ENSREG reiterated its concern about the safety of nuclear power plants in Ukraine and its full support for its regulator.

Following ENSREG's request, Mr Korikov reported that plans for units 3 and 4 of the Khmelnytsky NPP were under consideration by the Ukrainian government and that the ones for units 5 and 6 have already been presented to the SNRIU. SNRIU will keep ENSREG informed on the process.

**ENSREG took note of:**

- the presentation of the chair of the SNRIU on the nuclear safety situation in Ukraine.

## **18. Interaction with the European SMR Industry Alliance**

### **- Commission's report on the launch of the European SMR Industry Alliance**

HLG-r(2024-54)\_725 SMR\_IA presentation for 54 ENSREG Plenary 20 March 2024

Mr Panek presented the European Industrial Alliance on Small Modular Reactors, which was established by the Commission on 8 February. The Commission's objective in the Alliance is to assist SMR projects in Europe by coordinating activities and supporting studies, but not to provide funding. Members of the Alliance are private and public entities, associations, social partners, research and academic institutions, and industry. The members will come to the General Assembly once per year, where they will appoint a Governing Board, which will be supported by a secretariat. ENSREG should be represented as an observer in the Governing Board for ensuring interaction with the Alliance.

Mr Panek reported that the call for membership was ongoing between 9 February and 12 April. The first General Assembly should meet in May or June 2024.

**- Proposal for ENSREG's interaction with European SMR Industrial Alliance**

HLG-r(2024-54)\_729 Note on EU SMR IA and ENSREG

HLG-r(2024-54)\_730 Proposal SMR-work and interaction with Industrial Alliance

Mr Marco Brugmans, the ENSREG representative to the European SMR Pre-Partnership Steering Committee, reported that the European SMR Pre-Partnership has finished its work but that the work of Work Stream 2 on Licensing was extended until March 2024. He presented a proposal for a structure within ENSREG able to provide input to the European SMR Industrial Alliance. A task force with a flexible structure and time-limited mandate would be created. Depending on the topic and expertise needed, experts from nuclear regulators and members of the three ENSREG working groups would join the task force.

Mr Michael Knochenhauer, Sweden, suggested that also experts from countries that have started considering to build SMRs (but are not yet planning to do it) could join the group as well.

Mr Petteri Tiippana, Finland, and Mr Guillaume Bouyt, France, emphasised the importance of the flexibility of such a group, in terms of timing or focus on specific technologies.

**ENSREG took note of:**

- the Commission's presentation on the launch of European Industrial Alliance on SMRs;
- the proposal for a structure within ENSREG able to provide input to the Industrial Alliance on SMRs.

**ENSREG took the decision to:**

- appoint Mr Marco Brugmans as observer in the Governing Board of the European Industrial Alliance on SMRs;
- request Mr Brugmans to prepare a more detailed proposal for the ENSREG task force able to provide input to the Industrial Alliance on SMRs and present it in the next plenary.

## **19. Key policy and regulatory challenges in nuclear energy**

**- Intervention by Commissioner for Energy, Ms Kadri Simson**

ENSREG welcomed the Commissioner for Energy Kadri Simson who in her intervention emphasised the importance of ENSREG's work for ensuring the highest nuclear safety standards in the context of the growing interest in nuclear energy in the EU and globally. She congratulated the Ukrainian State Nuclear Regulatory Inspectorate for its continued commitment to nuclear safety and underlined the cooperation with EU counterparts. She thanked EU Member States' regulators involved in the European SMR pre-Partnership and encouraged the Group to interact with the newly established European Industrial Alliance

on SMRs. Commissioner Simson also stressed the key role of nuclear safety regulators in diversification of nuclear supply chains, safe deployment of SMRs and fusion regulation, and underlined her support to strong and independent regulators as they acquire new roles and perform key functions.

**ENSREG welcomed:**

- **Ms Kadri Simson's intervention.**

**20. A.O.B.**

**21. Next meeting**

ENSREG's next regular plenary meeting is planned to be held physically in Brussels on 28 November 2024.

**Annex I**

**Agenda**

**54<sup>th</sup> meeting of ENSREG**

**20<sup>th</sup> March 2024 (09:00 – 17:30 Brussels time)**

Room Loi 130A

Rue de la Loi 130, 1000 Brussels, Belgium

***Part I – Closed session (members only)***

- 1. Opening of the meeting, adoption of the agenda (09:00-09:05)**
- 2. ENSREG statement – adoption (09:05-09:10)**
- 3. Administrative Matters (09:10-9:30)**
  - ENSREG vice-chairs' nominations
  - Board for Stress Tests in Third Countries' chair and member nominations
- 4. 8th ENSREG report (9:30-9:40)**
- 5. ENSREG Work Programme 2024-2026 - adoption (9:40-9:50)**
- 6. Amendment of ENSREG Rules of Procedure – information (9:50-10:00)**
- 7. Report from the ENSREG Board for Stress Tests in Third Countries (10:00-10:15)**
  - Report by the chair of the Board

***Coffee Break (10:15-10:30)***

***Part II – Open session***

**8. Opening of the open session (10:30-10:40)**

**9. Review of WG1, WG2 and WG3 activities since the 53rd ENSREG plenary (20 November 2023) (10:40 – 11:40)**

- a. **WG1 chair report**
- 22. **9.2 WG2 chair report**
- 23. **9.3 WG3 chair report**

**10. 7th ENSREG Conference (11:40-12:00)**

- Date and venue
- Approval of the programme

***Lunch Break (12:00-13:30)***

**11. Second Topical Peer Review (TPR-II) (13:30 – 14:00)**

- Progress report by the chair of the TPR-II Board

**12. ENSREG involvement in ENEF (14:00-14:15)**

**13. Ongoing/planned studies by the Commission (EC) (14:15-14:25)**

**14. New Commission's support scheme to assist nuclear safety regulators (EC) (14:25-14:40)**

**15. ENSREG/WENRA liaison mechanism (14:40-15:00)**

**16. Accident Tolerant Fuel (15:00-15:20)**

- WENRA position paper

***Coffee Break (15:20-15:45)***

**17. Nuclear Safety in Ukraine (15:45-16:15)**

- Update from SNRIU

**18. Interaction with EU SMR Industry Alliance (16:15-17:00)**

- Commission's report on the launch of the European SMR Industry Alliance

**19. Key policy and regulatory challenges in nuclear energy (17:00-17:15)**

- Intervention by Commissioner for Energy Ms Kadri Simson

**20. A.O.B (17:15-17:25)**

**21. Next Meeting (17:25-17:30)**

***End of the Meeting (17:30)***

## **Annex II**

### **List of Members and Observers**

(Status 20 March 2024)

#### **Members:**

Austria:	Mag. T. Augustin, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology Ms C. Raith, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology
Belgium:	Mr F. Hardeman, Federal Agency for Nuclear Control Mr M. Demarche, ONDRAF-NIRAS
Bulgaria:	Mr T. Bachiyiski, Nuclear Regulatory Agency of the Republic of Bulgaria Mr B. Stanimirov, Nuclear Regulatory Agency of the Republic of Bulgaria
Commission:	Mr M. Garribba, Deputy Director-General, DG ENER Mr J. Panek, Director for Nuclear Energy, Safety and ITER, DG ENER
Croatia:	Ms Z. Tečić, Ministry of the Interior
Cyprus:	Mr D. Sakkas, Ministry of Labour and Social Insurance Mr M. Tzortzis, Ministry of Labour and Social Insurance
Czechia:	Ms D. Drabova, State Office for Nuclear Safety Mr. M. Merxbauer, State Office for Nuclear Safety
Denmark:	Mr J. Thomsen, Danish Emergency Management Agency
Estonia:	Ms K. Muru, Estonian Environmental Board Mr I. Puskar, Estonian Environmental Board
Finland:	Mr P. Tiippana, Radiation and Nuclear Safety Authority
France:	Mr B. Doroszczuk, Nuclear Safety Authority (ASN) Mr G. Bouyt, Ministry for the Ecological Transition
Germany:	Mr T. Elsner, Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection Mr G. Niehaus, Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection
Greece:	Dr. Ch. Housiadas, Greek Atomic Energy Commission (EEAE) Ms E. Carinou, Greek Atomic Energy Commission (EEAE)
Hungary:	Ms A. B. Kádár, Hungarian Atomic Energy Authority (HAEA) Mr L. Juhász, Hungarian Atomic Energy Authority (HAEA)
Ireland:	Dr. M. Lehane, Environmental Protection Agency
Italy:	Mr M. Pernice, National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)  Mr S. Laporta, National Inspectorate for Nuclear Safety and Radiation Protection (ISIN)
Latvia:	Ms D. Šatrovska, Ministry of Environment Protection and Regional Development Ms M. Vanaga, Ministry of Environment Protection and Regional Development



Lithuania:	Mr M. Demčenko, State Nuclear Power Safety Inspectorate (VATESI) Mr S. Šlepavičius, State Nuclear Power Safety Inspectorate (VATESI)
Luxembourg:	Mr P. Majerus, Ministry of Health
Malta:	Mr P. Brejza, Commission for the Protection from Ionising and Non-Ionising Radiation Mr J. Cremona, Commission for the Protection from Ionising and Non-Ionising Radiation
The Netherlands:	Mr M. Brugmans, Authority for Nuclear Safety and Radiation Protection Ms A. van Bolhuis, Authority for Nuclear Safety and Radiation Protection
Poland:	Ms I. Pocztarek-Tofil, National Atomic Energy Agency Mr A. Głowacki, National Atomic Energy Agency
Portugal:	Mr J. Oliveira Martins, Portuguese Environment Agency Mr P. Rosário, Portuguese Environment Agency
Romania:	Mr. C. Ciurea Ercau, National Commission for Nuclear Activities Mr. M. Gaina, Nuclear & Radioactive Waste Agency
Slovakia:	Eng. M. Žiaková, Nuclear Regulatory Authority of the Slovak Republic Mr M. Turner, Nuclear Regulatory Authority of the Slovak Republic
Slovenia:	Mr I. Sirc, Slovenian Nuclear Safety Administration Mr J. Škodlar, Slovenian Nuclear Safety Administration
Spain:	Mr J.-C. Lentijo, Spanish Nuclear Safety Council Ms T. Vázquez, Spanish Nuclear Safety Council
Sweden:	Mr M. Knochenhauer, Swedish Radiation Safety Authority Mr P. Brodd, Ministry of Climate and Enterprise

## Observers:

Council of the EU:	Mr J. Van Elst, Energy Policies Unit, General Secretariat
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Norway:	Mr H. Mattsson, Norwegian Radiation and Nuclear Safety Authority
OECD NEA:	Ms R. Tadesse, OECD Nuclear Energy Agency
Switzerland:	Mr M. Kenzelmann, Swiss Federal Nuclear Safety Inspectorate (ENSI)
Türkiye:	Ms. O.Özdere Gülol, Nuclear Regulatory Authority of Republic of Türkiye (NDK)
Ukraine:	Mr O. Korikov, State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)
United Kingdom:	Mr M. Foy, Office for Nuclear Regulation of United Kingdom (ONR)
WENRA:	Mr M. Foy, WENRA chair

**Annex III UPDATE**ENSREG 54<sup>th</sup> meeting presence list**Members and experts**

Country	Organisation	Surname	Name
AUSTRIA	Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology	AUGUSTIN	Thomas
AUSTRIA	Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology	RAITH	Christina
BELGIUM	Federal Agency for Nuclear Control	HARDEMAN	Frank
BELGIUM	ONDRAF-NIRAS	DEMARCHE	Marc
BELGIUM	Federal Agency for Nuclear Control	VAN CALOEN	Cédric
BELGIUM	ONDRAF-NIRAS	DE PRETER	Peter
BELGIUM	ONDRAF-NIRAS	DE BRUYCKERE	Valerie
BULGARIA	Nuclear Regulatory Agency	KATZARSKA	Lidia
CROATIA	Ministry of the Interior	TEČIĆ	Zdravka
CYPRUS	Ministry of Labour, Welfare and Social Insurance	SAKKAS	Demetris
CZECHIA	State Office for Nuclear Safety	MERXBAUER	Michal
CZECHIA	State Office for Nuclear Safety	CHARA	Jan
DENMARK	Danish Emergency Management Agency	THOMSEN	Jimmy
FINLAND	Radiation and Nuclear Safety Authority (STUK)	TIIPPANA	Petteri
FRANCE	Nuclear Safety Authority (ASN)	DOROSZCZUK	Bernard
FRANCE	Ministry for the Ecological Transition	BOUYT	Guillaume
FRANCE	Nuclear Safety Authority (ASN)	CADET-MERCIER	Sylvie

Country	Organisation	Surname	Name
FRANCE	Nuclear Safety Authority (ASN)	CHANIAL	Luc
GERMANY	Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection	ELSNER	Thomas
GERMANY	Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection	KUHN	Sebastian
GERMANY	Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection	BAUER	Franziska
GREECE	Greek Atomic Energy Commission	HOUSIADAS	Christos
HUNGARY	Hungarian Atomic Energy Authority (HAEA)	RÉTFALVI	Eszter
IRELAND	Environmental Protection Agency	LEHANE	Mícheál
ITALY	National Inspectorate for nuclear safety and radiation protection (ISIN)	DIONISI	Mario
LITHUANIA	State Nuclear Power Safety Inspectorate (Vatesi)	DEMČENKO	Michail
LUXEMBOURG	Ministry of Health - Directorate of Health - Department of radiation protection	MAJERUS	Patrick
THE NETHERLANDS	Authority for Nuclear Safety and Radiation Protection (ANVS)	BRUGMANS	Marco
POLAND	National Atomic Energy Agency	GLOWACKI	Andrzej
POLAND	National Atomic Energy Agency	POCZTAREK - TOFIL	Iga
PORTUGAL	Portuguese Environment Agency	OLIVEIRA MARTINS	João
PORTUGAL	Portuguese Environment Agency	ROSÁRIO	Pedro

Country	Organisation	Surname	Name
ROMANIA	Permanent Representation of Romania to the EU	RIZEA	Lavinia
SLOVAK REPUBLIC	Nuclear Regulatory Authority of the Slovak Republic	ŽIAKOVA	Marta
SLOVAK REPUBLIC	Nuclear Regulatory Authority of the Slovak Republic	TURNER	Mikuláš
SLOVENIA	Slovenian Nuclear Safety Administration	SIRC	Igor
SLOVENIA	Slovenian Nuclear Safety Administration	ŠKODLAR	Jure
SLOVENIA	Slovenian Nuclear Safety Administration	DOLINŠEK	Urška
SPAIN	Spanish Nuclear Safety Council	LENTIJO	Juan Carlos
SPAIN	Spanish Nuclear Safety Council	VÁZQUEZ	Teresa
SPAIN	Spanish Nuclear Safety Council	DE LOS REYES	Alfredo
SPAIN	Spanish Nuclear Safety Council	MARTÍN GRANADOS	Ignacio
SWEDEN	Ministry of Climate and Enterprise	BRODD	Patrik
SWEDEN	Swedish Radiation Safety Authority	KNOCHENHAUER	Michael

## Observers

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Organisation	Surname	Name
Council of the European Union	CLEMA	Corrado
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IAEA	ALM-LYTZ	Kirsi
OECD-NEA	RANGUELOVA	Vesselina
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State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)	GOROSHANSKYI	Andrii
Swiss Federal Nuclear Safety Inspectorate (ENSI)	NILSSON	Hugo
United Kingdom	FOY	Mark
WENRA	FOY	Mark

## European Commission

Surname	Name	Directorate General
Garribba	Massimo	Deputy Director General – DG ENER
Panek	Jan	Director for Nuclear Energy, Safety and ITER – DG ENER
Djordjevic	Margareta	Head of Unit D1 – DG ENER
Hübel	Michael	Head of Unit D3 – DG ENER
Dini	Ramunė	Team Leader Unit D1 – DG ENER
Kumžaitė	Eglė	Policy Assistant Unit D1 – DG ENER
Martin Ramos	Manuel	Deputy Head of Unit A7 - JRC
Pouleur	Yvan	Policy Officer Unit D4 – DG ENER
Palajova	Zdenka	Policy Officer Unit D4 – DG ENER