

The third workshop with the HARMONISE stakeholder network took place on 11 December 2023 as an online event. A total of **forty five (45) participants** joined the event where HARMONISE members had the opportunity to sketch the project status, voice their concerns and receive feedback from the stakeholders. An overview of the overall project progress during the last eighteen months was portrayed along with the communication and dissemination activities performed.

HARMONISE members elaborated on **Work Package 1** actions delineating their interaction with the **stakeholder network** as well as the outcomes listed in deliverables "D1.5 – Assessment of the IAEA safety objectives in advanced fission reactors" and "D1.6 – Assessment of the safety cases of large fusion facilities" and presented at the International Conference Nuclear Energy for New Europe. A quick rundown was given on the **bidimensional harmonization framework** employed in **Work Package 2** and founded on the technology and regulation axes as well as the final goal to provide recommendations for overcoming the issues identified. The questionnaire devised as a starting point was introduced together with the conclusions described in deliverable "D2.1 – Licensing needs due to the specificities of innovative technologies" while the relevant works were displayed at the International Conference Nuclear Energy for New Europe.

**Work Package 3** activities to develop a **technology-inclusive, risk-informed and performance-based approach** in a future regulatory framework were outlined. Examples of regulatory authority practices and processes were reported as well as risk insights from probabilistic safety assessment studies currently used in licensing and regulatory oversight along with risk insights for use in future licensing and regulatory oversight.

The illustration of the **Work Package 4** role to suggest **codes and standards** for seamlessly integrating the needs of future energy systems was accompanied with a depiction of the tasks undertaken and their outcomes. The questionnaire formulated to collect those needs was discussed in addition to the results documented in deliverable "D4.2 – Codes and standards needs".

