Closing remarks

Stefano Laporta
President of the 5th ENSREG Conference
Conference participation

• 220 registered participants

• Representatives from EU and not EU institutions, regulators, operators, industry, academy, associations, NGOs

• Open discussion and participated debate
Session 1
Ageing management from the EU’s point of view in light of the ENSREG TPR exercise

1\textsuperscript{st} TPR has been a challenging first of a kind exercise:

- **Short time schedule** for the implementation of the review

- **Industry support** on the findings and **commitment** to implement them

- Structures, systems and components ageing and **conceptual ageing** of the design

**National Action Plans from Member States are expected by September 2019**

For future TPRs:

- Importance of critically evaluate in terms of what is the **concrete impact** on the ground

- Consider to organize **on-site visits** with the aim not to limit the review to a documental exercise

- Need to understand reasons for potential **delays**

- **Potential future topics**: fire risk, regulatory independence (typically a subject of peer reviews on regulatory systems and competent authorities)
Session 2
Decommissioning and decommissioning waste management

• Immediate dismantling as the most current adopted strategy in Europe

• Challenges in terms of choosing adequate methodologies, knowledge management, costs assessment and associated provisions

• Management of interdependencies

• Importance of holystic approach for waste treatment and conditioning, interim storage, dismantling activities, materials management, waste disposal

• Mature dismantling technologies with the exception of graphite

• Harmonization of decommissioning approaches taking benefits in terms of safety, timing and costs from the first successful projects already ongoing in Europe

• Importance to define in detail what is considered as a decommissioning end state of a nuclear installation in Europe to have homogenous cost evaluations
• Importance of **supply chain** for safety improvements implementation

• Unavailability of **qualified and willing suppliers** and problems for supply of components when they are needed

• **Lack of commissioning** of new NPPs in Europe could cause problems for the supply of qualified components.

• Necessity of **collaboration** with other industrial sectors (aviation?)

• Issue on **availability of supply chain** to be considered by ENSREG
Session 4
Knowledge management and skills preservation

• Need to **attract** young generations in all involved parties to maintain an adequate level of skills and knowledge

• Need to **support** academia and foster **connection** with industry and regulators

• Nuclear safety and radiation protection touch **multiple disciplines**

• Knowledge management and skills preservation are components of the **supply chain**

• Importance of national **work forces plan** for recruitment
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• Particular thanks to our moderator Ann for how she has conducted the sessions and effectively stimulated the debate