

# **Closing remarks**

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# Conference participation

- 220 registered participants
- Representatives from EU and not EU institutions, regulators, operators, industry, academy, associations, NGOs
- Open discussion and participated debate

**Ageing management from the EU's point of view  
in light of the ENSUREG TPR exercise**

**1<sup>st</sup> 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

## Session 3

# Standardisation of supply chain and component obsolescence

- 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

## 2019 Conference President thanks

### Special thanks to

- all members of the Steering Committee
- all speakers and panelists for their competent and effective contributions
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- interpreters for their excellent job
- Particular thanks to our moderator Ann for how she has conducted the sessions and effectively stimulated the debate