

EXPLORATORY SEMINAR

Decommissioning, a new challenge for nuclear safety

6 February 2017, Brussels, European Parliament, A5E1

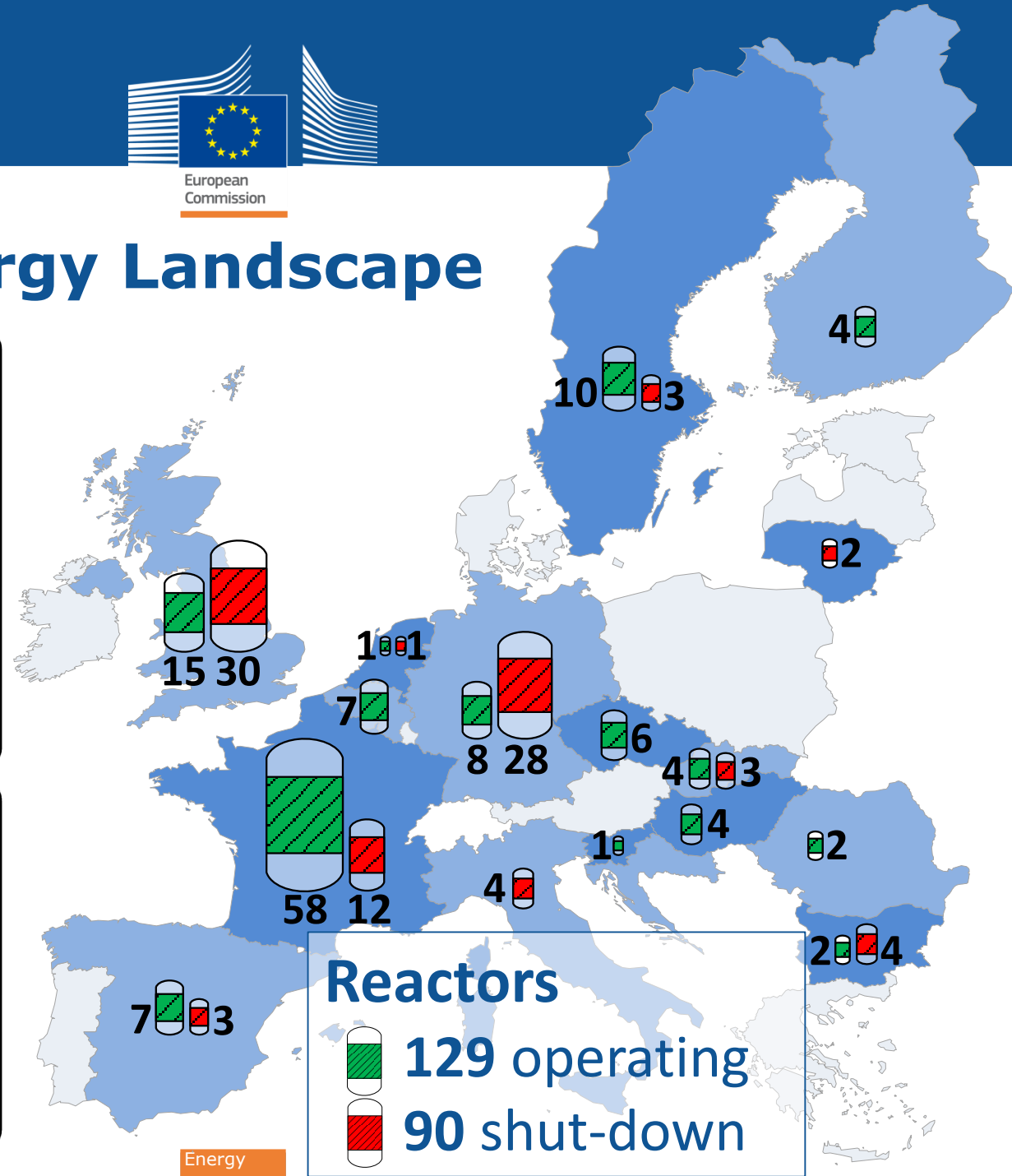
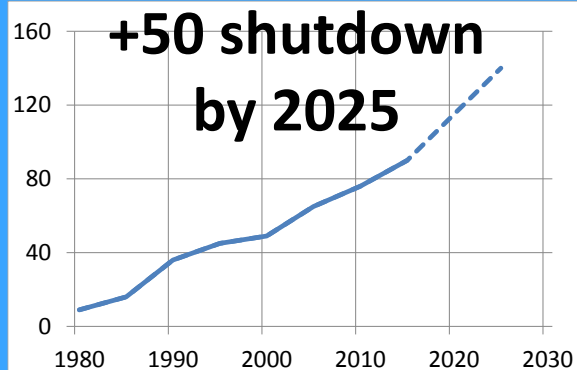
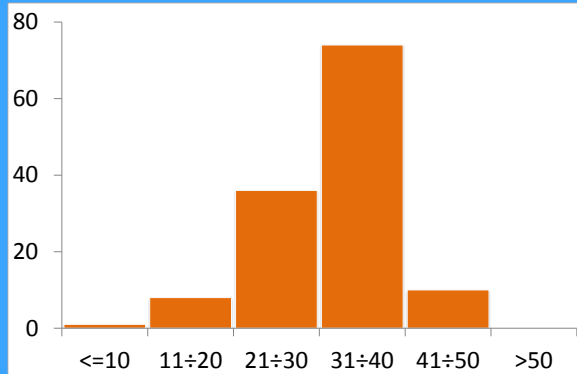
Session 2

Decommissioning and Management of Radioactive Waste in the EU

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DDG, DG ENER,
European Commission**

EU Nuclear Energy Landscape

Average age 31 years



EC Agenda

1957

EURATOM TREATY

2011

Nuclear Safety Directive

Radioactive Waste Directive

Basic Safety Standards

2013

Amended Nuclear Safety Directive

2015

Nuclear Illustrative Program (PINC)

RWD Report to the Council and EP

RWD Opinions to the MS

2017



**Integrated, Interconnected,
Resilient and Secure**

5
GUIDING
DIMENSIONS

15
CONCRETE
ACTIONS

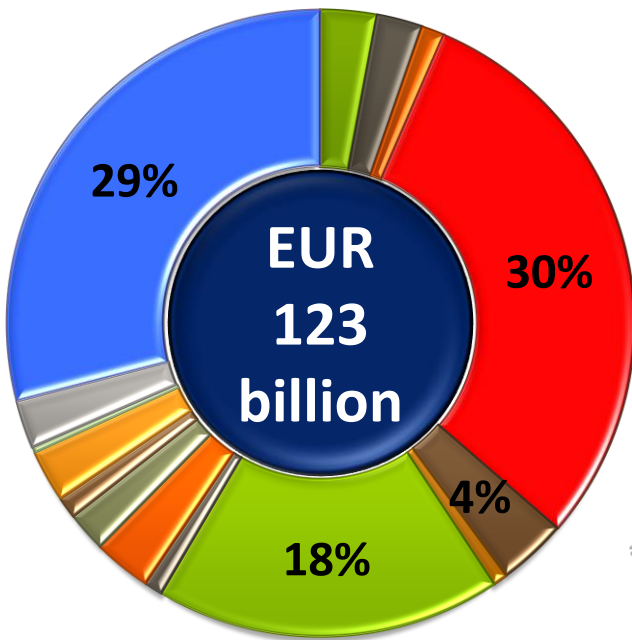
43
INITIATIVES



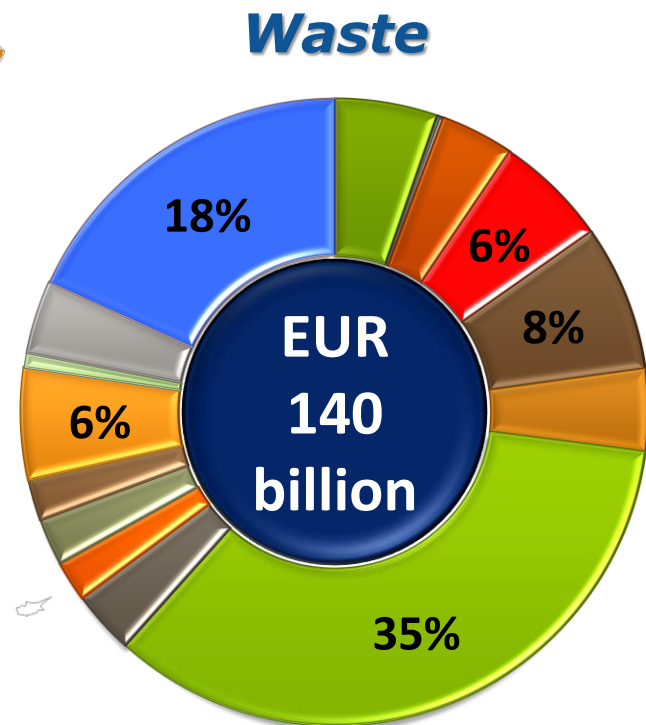
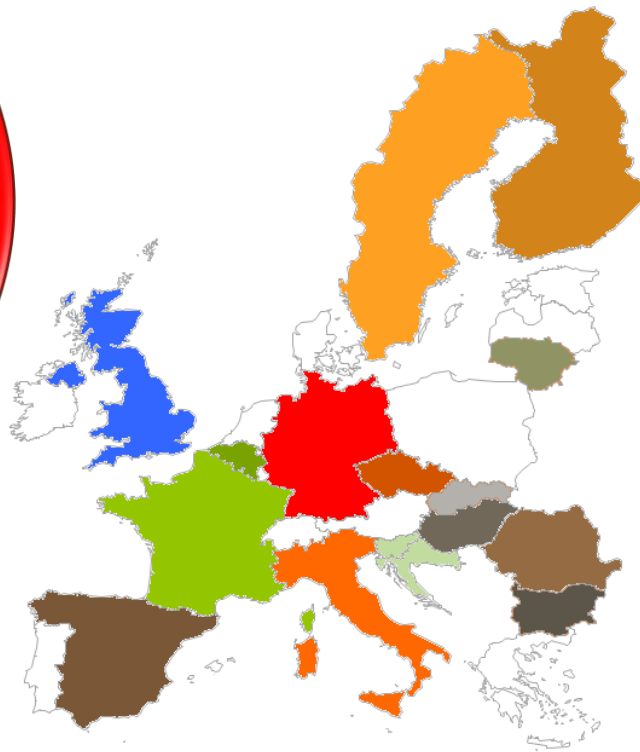
Integrated, Interconnected,
Resilient and Secure

- Provides **transparent** and **forward-looking** information on pan-European investment needs
- Helps understanding of the **full nuclear lifecycle**
- Contributes to Member States **decisions on energy mix**

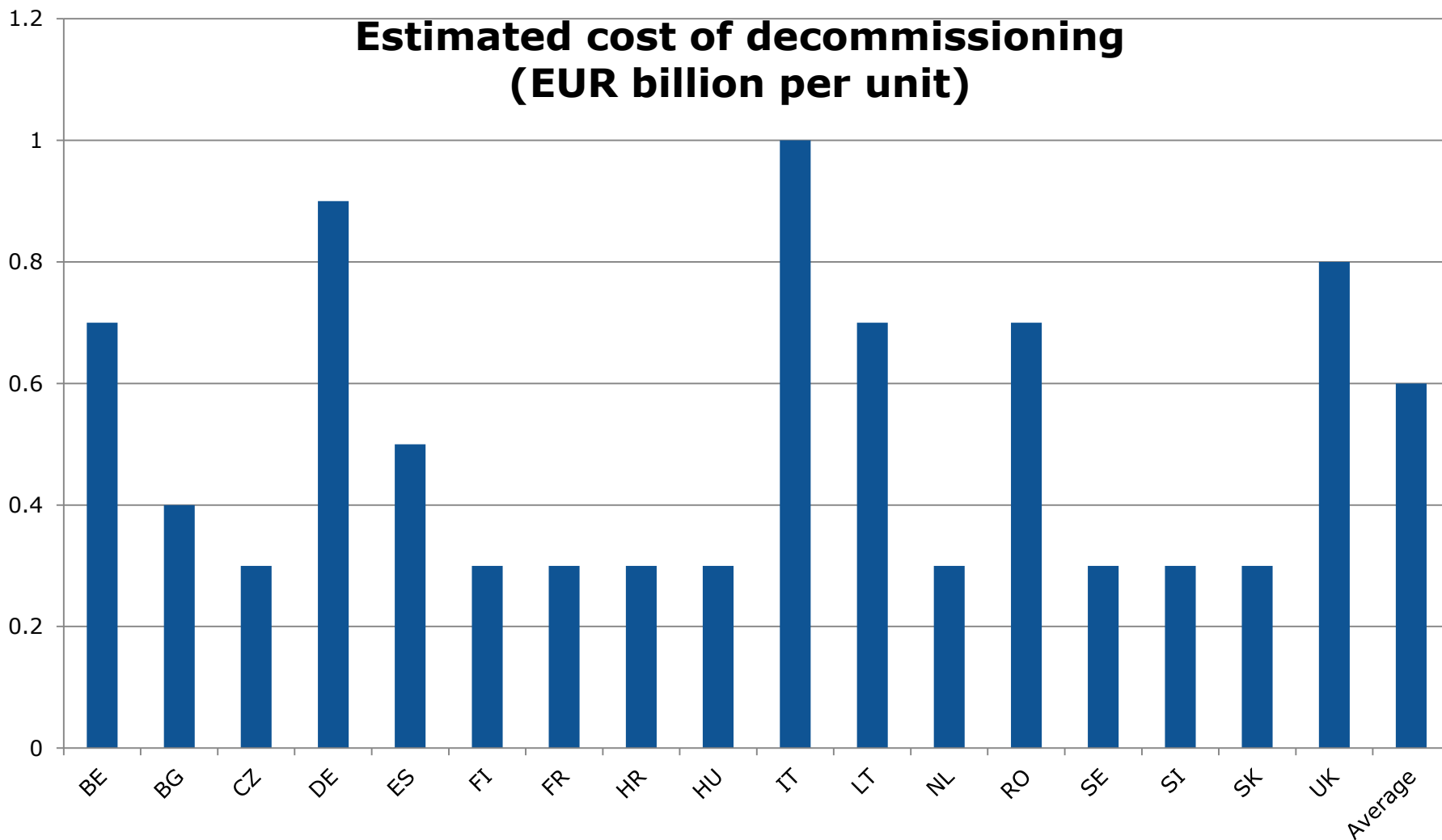
PINC – Financial estimates



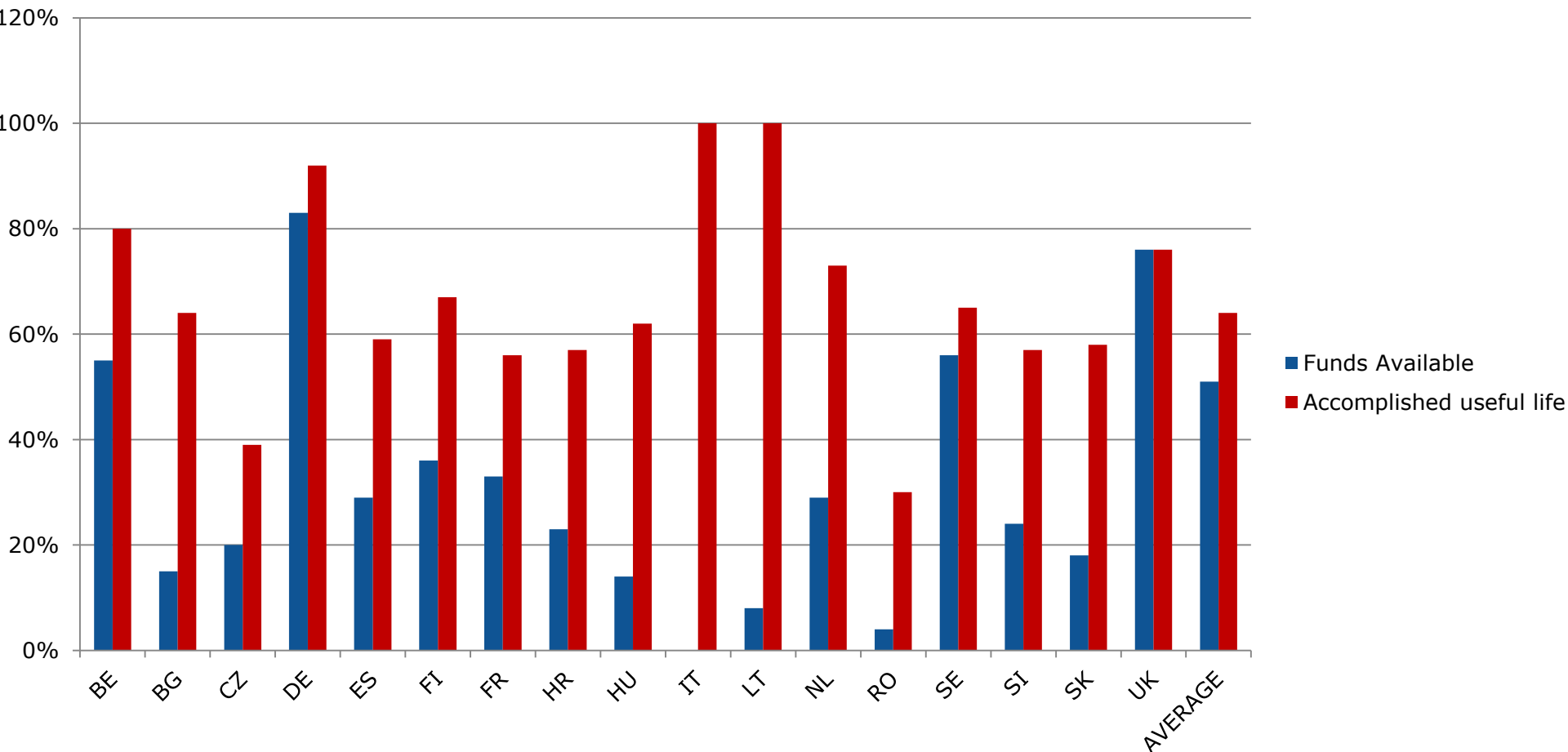
Decommissioning

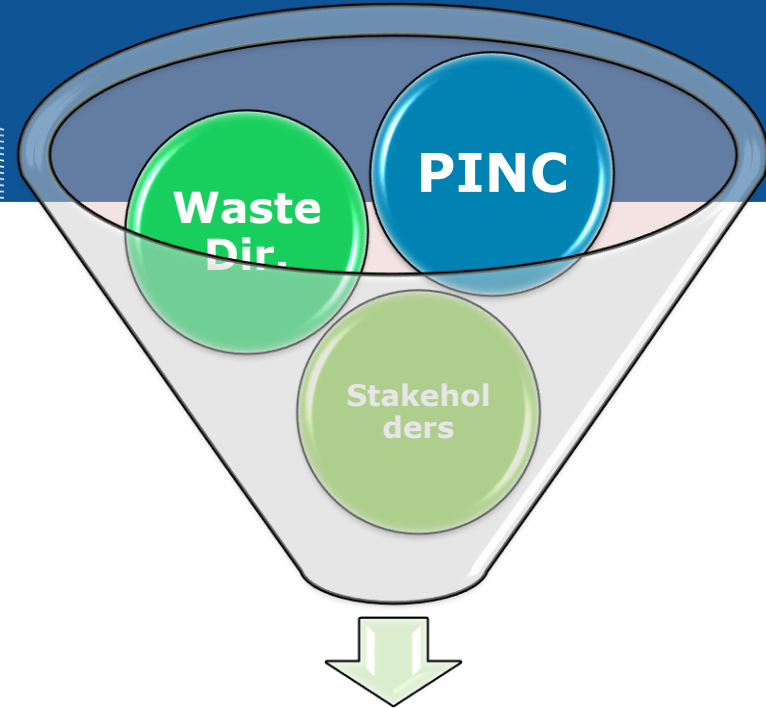


Waste



Comparison of available funds to accomplished useful life





FOLLOW-UP

Outlook

- **Studies and evaluations**
 - Decommissioning market
 - Risk profile of funds
 - Assessment of cost estimations
 - Degree of standardization
 - NDAP mid-term evaluation
- **Workshops and public debate**
 - Lessons learned from the directives implementation
 - Shared solutions for spent fuel disposal
- **Feedback to Member States**
 - Opinions on national programmes for waste management
 - International peer reviews
- **Periodical reporting (3 years)**
 - Radioactive Waste Management directive (inclusive of inventory)
 - Radioactive Waste Shipment directive



Thank you!

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ec.europa.eu/priorities/energy-union

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