

NEMO

NUCLEAR ENERGY
MARITIME
ORGANIZATION

FISA-EURADWASTE 2025 & SNETP Forum – 15 May 2025

Plenary Session IV.2

Cross-Sectoral Application in Focus: Maritime

Challenges to Solve

! No previous initiative or incentive to tackle common issues


Three complicated and interwoven challenges to be solved:

1



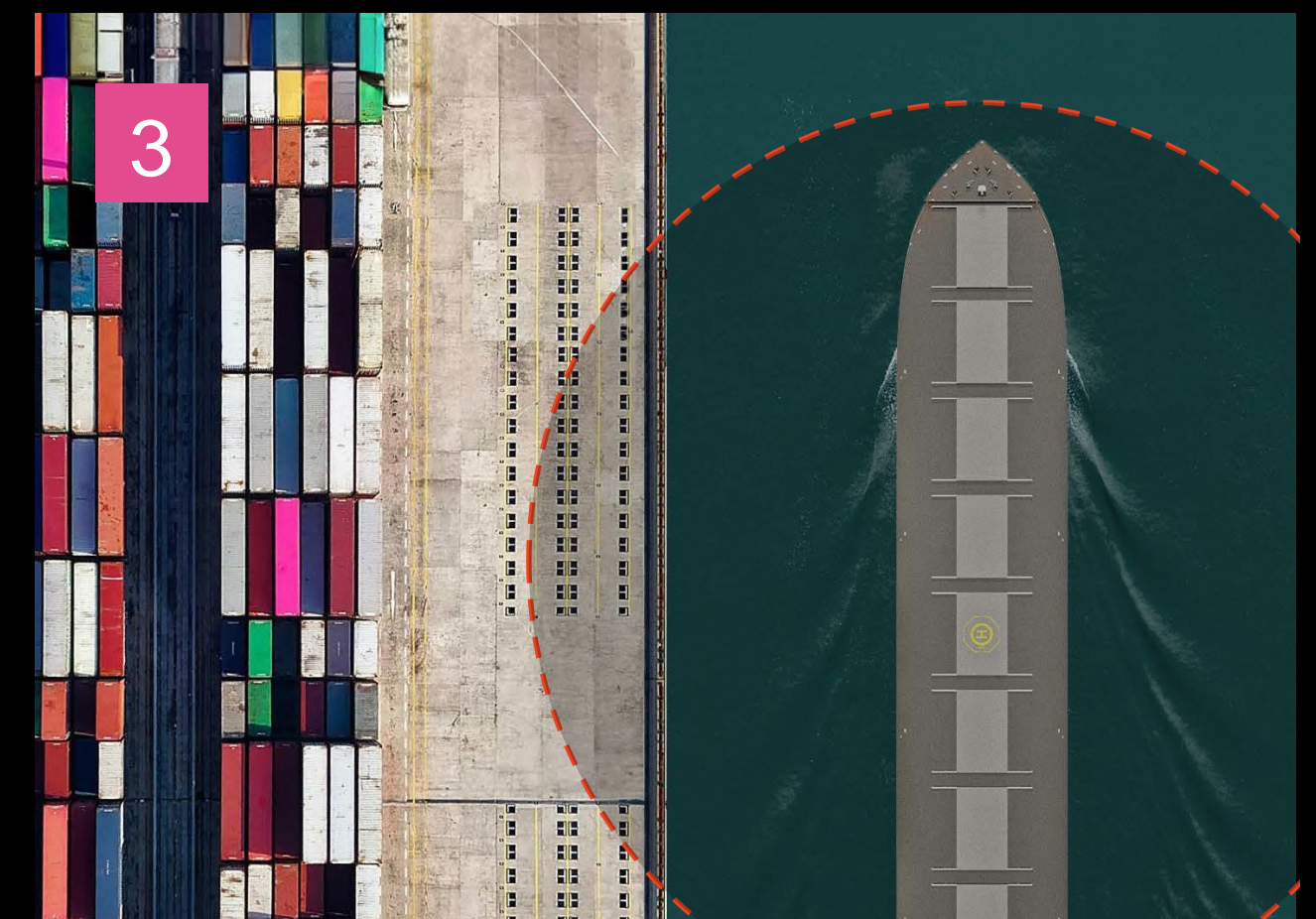
International Regs and Standards need revision

2



Harmonization of regulatory landscape is challenged, mobility could be the difference.

3



Nuclear liability conventions must be overhauled to unlock 'insurability'

Working Group Overview



Initial Set-Up featured 2 x WGs, expanded to 3 as of Q3 2024:

1 Maritime Regulations (The “Nautilus” WG)

Looking at the application of Nuclear technology within Maritime. In particular regulatory development at IMO and supporting A.491XII.

2 Nuclear Safety, Security & Safeguards (NSSS)

Looking at the challenges and opportunities of maritime deployment from the perspective of Nuclear regulatory bodies. Shadowing ATLAS developments through IAEA.

3 Maritime Nuclear Liability (The “Annorax” WG)

Looking at the concept of commercial ‘insurability’ and the development of a suitable liability convention for floating nuclear, in the context of the 1962 Brussels Convention.

Future WG potential development:

WG4 = Seafarer Training Regimes

WG5 = Ports and Interfaces

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