

# IAEA SMR Initiatives

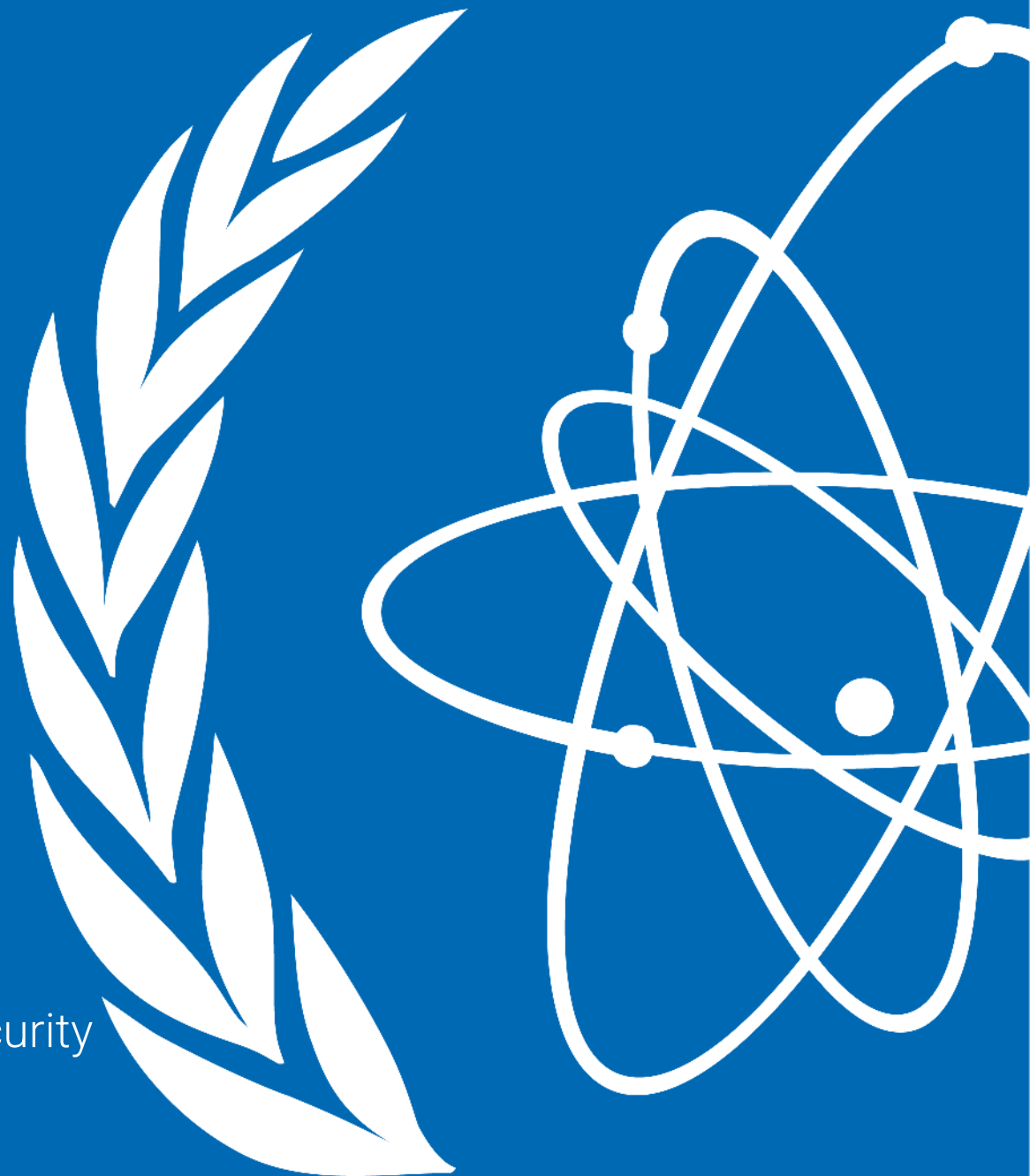
## EU/SMR Stakeholders Meeting

---

Karine Herviou

IAEA Deputy Director General |

Head of the Department of Nuclear Safety and Security



# SMRs: Design & Deployment Status



## Status of Development of Active SMR Designs



- Land-based, water-cooled reactors
- Marine-based, water-cooled reactors
- Gas cooled reactors
- Liquid-metal, fast-neutron reactors
- Molten salt reactors
- Microreactors

In Operation = 4 units

Under Construction = 4 units

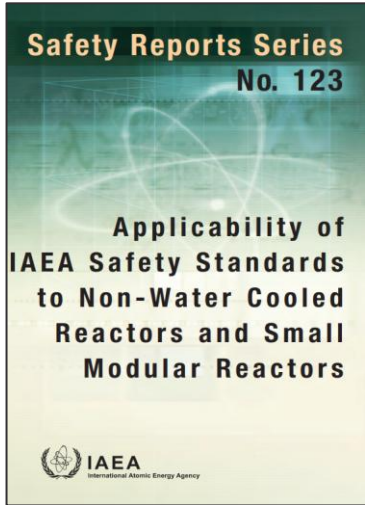
Basic/detailed design stage = 32 designs

Conceptual design stage = 29 designs

# SMR Safety and Security



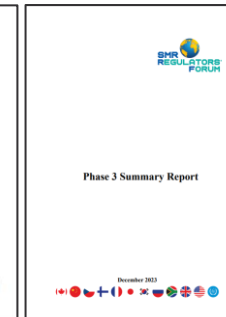
## PUBLICATIONS



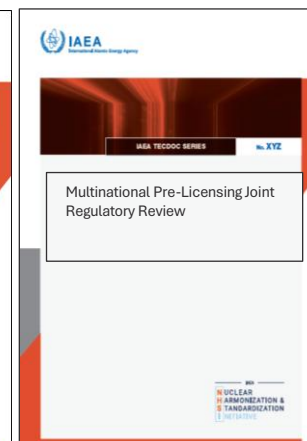
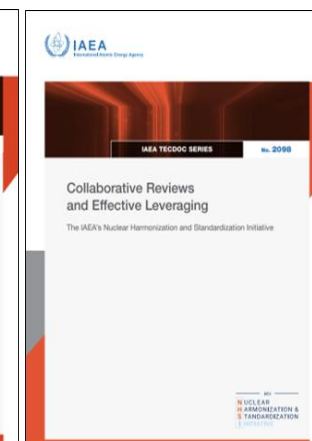
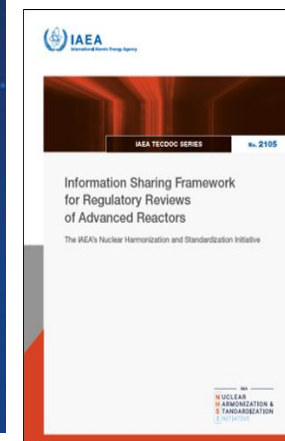
## REGULATORY COOPERATION



**ATLAS**



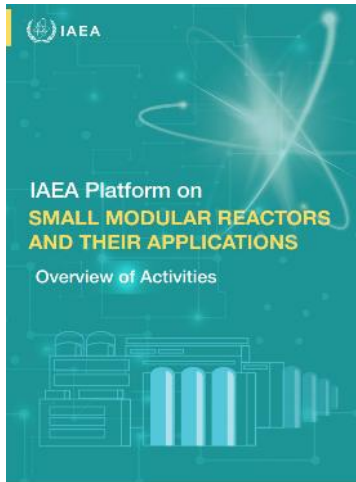
## TRAINING: SMR safety academy



# SMR Development



## IAEA Platform on SMRs and their Applications (2025)



## INDUSTRY COOPERATION

### Network and Toolkits:

MSCQ Common Approaches to C&S

NEXSHARE Experiments and Code Validation

Good practices for infrastructure development for SMRs Database\*

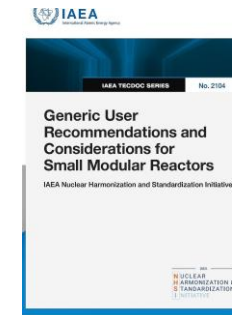
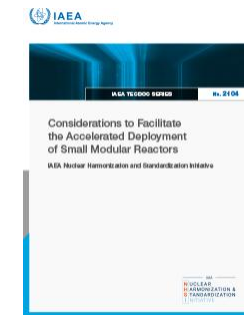


\* Under Development

## TRAINING: SMR schools



## PUBLICATIONS



**Thank you**

---

