

SMR Regulators' Forum

More than a decade of shaping the future of nuclear safety

The Small Modular Reactor Regulators' Forum is an international regulator-to-regulator entity established in 2014. The Forum provides a platform for experienced regulators to work together on the development of consensus-based common positions on challenging SMR-related technical and regulatory issues. The SMR RF consists of a Steering Committee and three Working Groups (WGs) and is supported by the IAEA Scientific Secretariat.

Licensing issues (LI) WG

addresses issues related to regulatory approaches for the licensing of SMRs, including key regulatory interventions and international regulatory cooperation.

Design and safety analysis (DSA) WG

addresses issues related to the safety demonstration of designs, including fundamental safety functions and key design requirements, the integration of safety, security and safeguards and the safety analysis approaches for SMRs.

Manufacturing, construction, commissioning and operation (MCCO) WG

addresses issues related to the manufacturing, construction, commissioning, operation and maintenance of SMRs, including long-lead procurement items and the organizational capability of stakeholders involved in the deployment of SMRs.



Reports

Phase 1 2015–2017	Pilot Project Report with appendices on: • Graded approach • Defence-in-depth • Emergency planning zone	
Phase 2 2018–2020	SMR RF Phase 2 Summary Report	
	SMR RF Phase 2 Report from WG on Licensing Issues (LI)	
	SMR RF Phase 2 Report from WG on Design and Safety Analysis (DSA)	
	SMR RF Phase 2 Report from WG on Manufacturing, Construction, Commissioning and Operation (MCCO)	
Phase 3 2021–2023	SMR RF Phase 3 Summary Report	
	Containment systems (DSA WG)	
	Safety, security and safeguards from a regulatory perspective: An integrated approach (DSA WG)	
	Regulatory considerations in pre-licensing engagement for long-lead item requests (MCCO WG)	
	Conduct of authorized activities impact on stakeholders' organizational capabilities (designers, vendors, manufacturers, supply chains, operators) (MCCO WG)	
Phase 4 2024–		

