



EUR 2023-2026 Roadmap

EUR Association's long-term Vision

To address Climate Change threats, a balanced low carbon energy mix, including nuclear, is essential in Europe.

The EUR Association aims to be the voice of European nuclear Utilities and nuclear energy companies influencing the design of new Nuclear Power Plants, including Small Modular Reactors, through harmonised requirements and assessments, and strong interactions with IAEA, Vendors, and regulatory bodies, contributing to safe, competitive, and licensable nuclear New Build projects in Europe.

Strategic Objectives

- **OBJECTIVE 1:** Develop harmonised requirements representing up-to-date European Utility positions on LWR for new build projects, focusing on SMLWR and paving the way for AMR.
- **OBJECTIVE 2:** Promote and conduct efficient assessment of new LWR designs, including SMLWR designs.
- **OBJECTIVE 3:** Strengthen the EUR Association
- **Abbreviations:**
 - (L)LWR: (Large or Medium)Light Water Reactor
 - SMR: Small Modular Reactor
 - ✓ SMLWR: Small Modular Light Water Reactor (GEN3)
 - ✓ AMR: Advanced Modular Reactor (GEN)

Strategic Objective 1 - Rationale

- **Objective: Develop harmonised requirements representing up-to-date European Utility positions on LWR for new build projects, focusing on SMLWR and paving the way for AMR**
- **Rationale:**
 - **After having published EUR Key Position on SMLWR in 2021, the priority is to enrich and improve the EUR Document by both focusing on requirements for SMLWR design into the Revision F scope and using a hierarchical structure of requirements managed by efficient IT Tools.**
 - **For preparing a future Revision of the EUR Document, an EUR Position Paper analysing the requirements for AMR would be prepared.**

Strategic Objective 2 - Rationale

Objective: Promote and conduct efficient EUR assessments of LWR designs, including SMLWR designs

- **Rationale:**
 - EUR Assessments of LWR Design are one added-value product of the EUR Association, both from the Vendor's side and from the EUR Members' side.
 - The quality of the delivered EUR Assessment and the efficiency of the assessment project are major stakes that are important to maintain or improve.
 - In line with the Revision F publication, several SMLWR designs should be available for EUR Assessment.

Strategic Objective 3 - Rationale

Objective: Strengthen the EUR Association

- **Rationale:**
 - It is important to continue to strengthen the EUR Association both in terms of communication and interactions with external stakeholder, and internal operating rules, IT tools and resources.

Key Milestones for 2023-2026

	Objectif 1	Objectif 2	Objectif 3
2023	Launching of the Working Group for the Revision F Project	Finalisation of the APR1000 Design Assessment	Approval of the renewed EUR Charter and endorsement by EUR Members
	Contribution to IAEA-GURC publication		Operation of the updated EUR web site and EUR Portal
2024	Computerised tools for EUR Document requirement management	Contact with Vendor for LLWR or SMLWR Design Assessment	Approval of a new EUR Member
	First draft versions of updated Chapters of the EUR Document	Proposal to improve the EUR Assessment process (including specification of supporting tools)	First interactions with external stakeholders on the draft EUR Document Revision F
2025	EUR Document Revision F Publication	Pre-assessment of a LLWR Design or a SMLWR Design	Preparation of the EUR Training course on the EUR Document Revision F
2026	EUR Position Paper on requirements for AMR	EUR assessment of a LLWR or a SMLWR design	First sale of the EUR Document Revision F
			EUR Training course on the EUR Document Revision F