ROLLS ROYCE SMR

A EUROPEAN SMR PROGRAMME

FROM MEGAPROJECT RISK TO PRODUCT-BASED DELIVERY

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Clean, affordable energy for all.

A EUROPEAN FLEET, NOT ISOLATED FOAK PROJECTS

ROLLS ROYCE SMR

CEZ GROUP

Czech Republic

- Two-year SMR competition
- Technology selection and site allocation: October 2024
- ČEZ invests in Rolls-Royce SMR
- Binding contract: early works agreement for site-specific work at Temelín, April 2026
- Current stated ambition: up to six SMRs

Great British ENERGY | NUCLEAR

United Kingdom

- Two-year SMR competition
- Technology selection: June 2025
- Site allocation: November 2025
- Binding contract for three SMRs for the Gwyndod project: April 2026
- Current stated ambition: up to eight SMRs

VIDEBERG KRAFT

Sweden

- Three-year SMR competition
- Technology selection and Cooperation Agreement: June 2026
- Starting on the Värö peninsula: three Rolls-Royce SMRs
- Rolls-Royce SMR has the capacity to deliver additional SMRs in Sweden as demand grows

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WE REDUCE NUCLEAR PROJECT RISK BY CHANGING THE DELIVERY MODEL

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TRADITIONAL NUCLEAR DELIVERY

- Large parts designed during the project
- Multiple interfaces and contractors
- High site complexity
- Bespoke project-by-project delivery
- Claims and scope disputes

ROLLS-ROYCE SMR DELIVERY MODEL

- Whole power station designed before project start
- Single contract and clear accountability
- More work moved into factory-controlled conditions
- Standardised, modular and repeatable fleet model
- Aligned incentives through alliance delivery

Nuclear projects fail when too much design, integration and construction risk is left to the project site. Our model shifts risk into a standardised product, controlled factory environment and repeatable fleet delivery.

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WE ARE DELIVERING A STANDARDISED, INTEGRATED POWER STATION, NOT JUST A REACTOR

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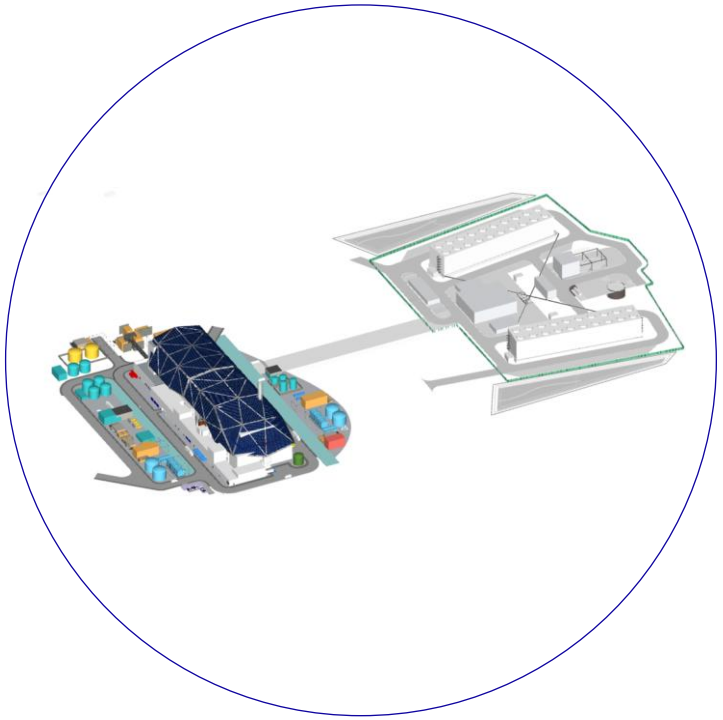
Our customers want to avoid bespoke one-off designs and megaprojects in the next nuclear fleet

WE GOVERN THE EVOLUTION OF THE GENERIC DESIGN & INTRODUCTION OF NEW VARIANTS TO THE GENERIC

Generic Design

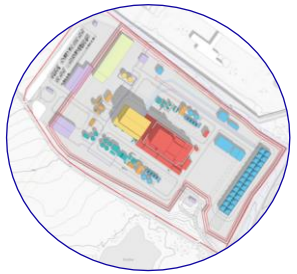
Standardised plant Engineered, Designed, Validated & Verified, including multiple variant configurations.



Projects select and consume a configured variant from the Generic Design.

Where applicable, learning and experience from the Projects are fed back to improve the Generic Design, via Change Control.

Site Design



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SINGLE-POINT ACCOUNTABILITY WITH WORLD-CLASS SUPPLY CHAIN CREATES CUSTOMER CERTAINTY

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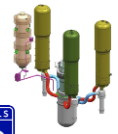
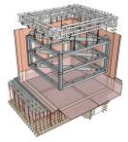
CUSTOMER

Rolls-Royce SMR

amentum — Construction Management

Standardised reactor system	Modularised process system	Proven turbine and generator system	Repeatable site assembly system
			
ROLLS ROYCE, BWXT, ŠKODA JS, Westinghouse, DOOSAN Enerbility	Aker Solutions	SIEMENS energy	SKANSKA

HOW OUR MODEL DELIVERS:

1. **Customer** receives a complete power plant
   A functional, revenue-generating power asset
2. **Rolls-Royce SMR** is fully accountable
   - Guarantees plant performance
   - Delivers schedule and cost certainty
3. **Amentum** manages construction at all sites
   - Learning reduces cost, risk, and schedule
   - Repeatable supply adapted to local requirements
4. **Industrial partners** deliver products
   - Factory-built, standardised systems
   - Designed for volume, not one-off projects

From megaproject risk to product-based delivery

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