



SMR

NORDIC ENERGY DAY 2026

When can we see new nuclear power in the Nordics?

Robert Bergqvist, Country Executive - Rolls Royce SMR

Oslo, August 20, 2026

Clean, affordable energy for all

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



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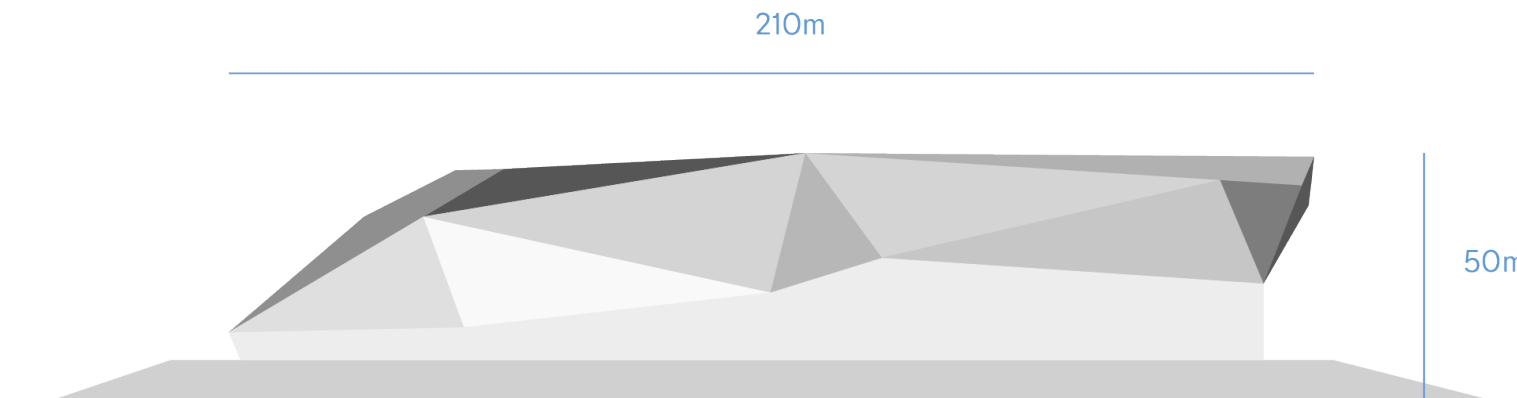


Our customers want to avoid bespoke one-off designs and megaprojects in the next nuclear fleet

THE WORLD'S LARGEST SMR

THE ROLLS-ROYCE SMR

- Can be built as single units or in groups on the same site.
- High power output and up to 95% capacity factor.
- The energy can be used for electricity generation as well as for the production of hydrogen and sustainable aviation fuel.



THERMAL POWER

1358 MW

ELECTRICAL POWER

470 MW

ANNUAL PRODUCTION

4 TWh

WE REDUCE NUCLEAR PROJECT RISK BY CHANGING THE DELIVERY MODEL

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

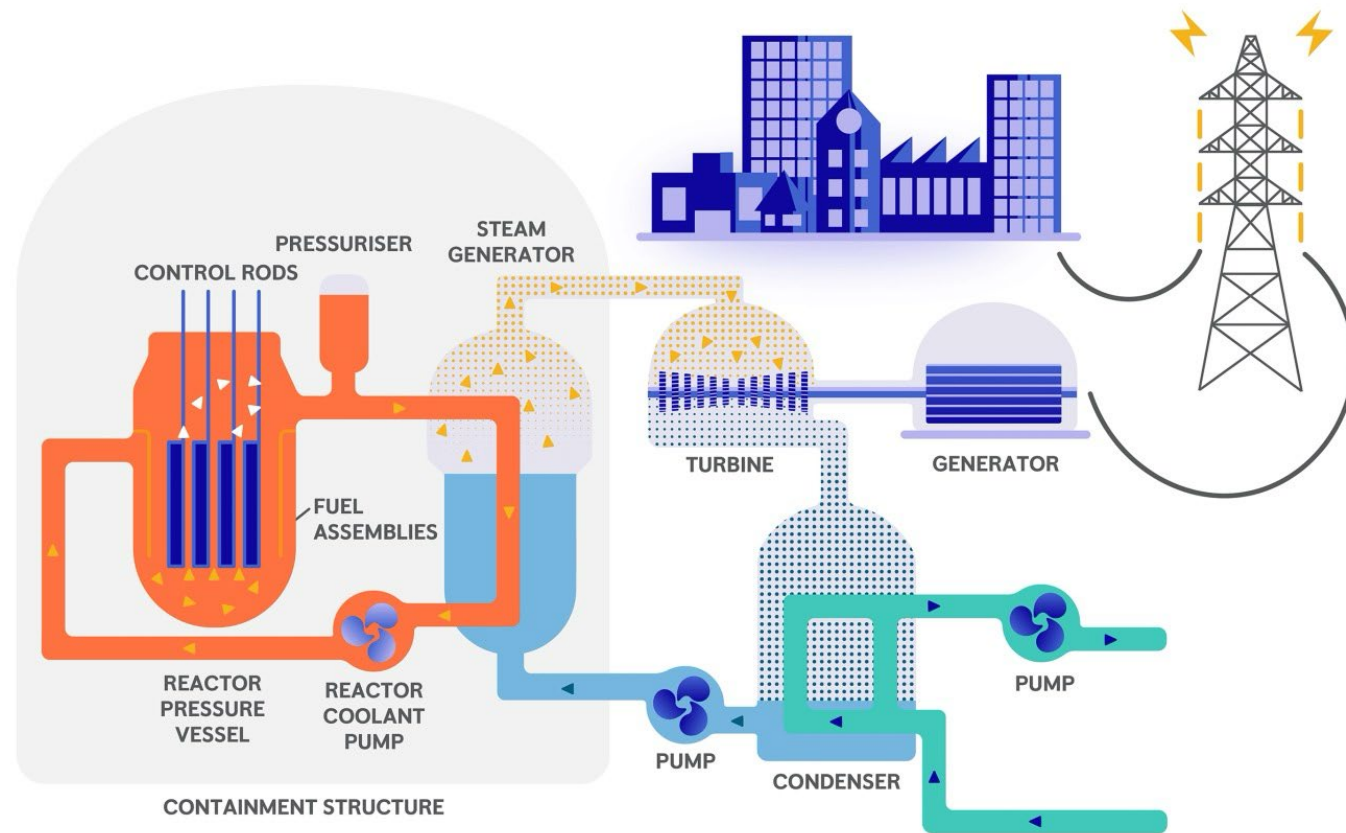
- Whole power station designed before project start
- Single contract and clear accountability
- More work moved into factory -controlled conditions
- Standardised, modular and repeatable fleet model
- Aligned incentives through alliance delivery

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.

MODERN PWR TECHNOLOGY, PROVEN ACROSS SMR THAN 70% OF THE GLOBAL REACTOR FLEET



- Global fleet: over 300 PWRs, in operation since the 1960s
- More than 70 PWRs are currently being built worldwide
- Excellent safety and performance track record
- Extensive operational expertise among utilities
- Substantial knowledge within regulatory authorities
- Local production of nuclear fuel
- Established solution for used nuclear fuel

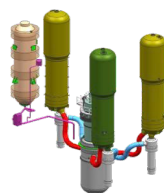


PROVEN TECHNOLOGY. INDUSTRIALISED DELIVERY



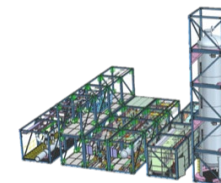
PROVEN TECHNOLOGY

- 3-loop Pressurized Water Reactor
- Standard fuel
- Seismic isolation system
- Commercial Off The Shelf (COTS) items
- Conventional Steam-Turbine Generator



INDUSTRIALISED DELIVERY

- Complete power plant assembly
- Standardised modules
 - preassembled in controlled factory environment
 - sized for simplified logistics flow
 - "plug-and-play" interfaces
- Weather-protected site factory



Innovation focused on on-time & on-budget delivery.

SWEDEN JOINS A EUROPEAN FLEET, NOT AN ISOLATED FOAK PROJECT



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
- Stated ambition: up to six SMRs



United Kingdom

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



Sweden

- Three-year SMR competition
- Starting on the Värö peninsula: three Rolls-Royce SMRs
- Rolls-Royce SMR has the capacity to deliver additional SMRs in Sweden as demand grows

Clean, affordable, energy for all



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