

Industrialization of SMR nuclear components

Turn SMR concept and products design into reality

Taking advantage of proven enhanced manufacturing technologies for SMR

Challenge

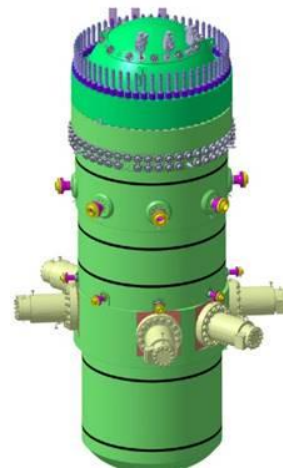
Industrialize and qualify a procurement supply chain for small modular reactor components, meeting codes and standards of nuclear industry.

Solution

Framatome manufactures components for nuclear power plants with the highest level of safety and quality standards. Framatome is a unique qualified partner for small modular reactor industrialization projects, mastering the whole value chain :

- Process manufacturing R&D
- Manufacturing Engineering ; design to cost
- Qualification and management of sub-contractors and suppliers
- Prototyping and serial production
- In-house manufacturing and inspection (UT, X-Ray, pressure test)
- Worldwide transportation

Framatome implements the most cost effective and up to date manufacturing technologies for all small modular reactor projects.



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Technical information

- Engineering Department with more than 110 skilled people, including 18 experts and 52 key processes specialists
- ISO, ASME and RCCM certified Quality Assurance System
- Certified ISO 17025 Laboratory

Customer benefits

- Available qualified sub-contractors and suppliers
- Safety and Quality Conformity
- Internationally trusted supplier with proven experience in nuclear industry
- Experienced teams to manage industrial projects (engineering, procurement, manufacturing, transportation and after-sales)
- Best-in class manufacturing technologies to optimize costs and lead-times.

Key figures

45 years of experience in manufacturing of heavy components for nuclear industry

686 heavy components (Steam generators, reactor pressure vessels, etc.), manufactured and delivered to Customers since 1975

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is our everyday commitment**