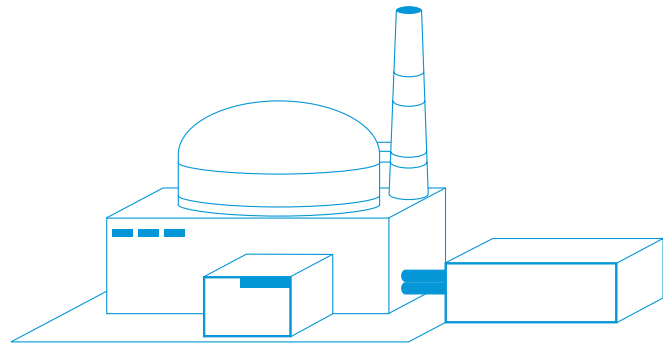




EPR, the most powerful reactor in the world

A reliable, safe & clean electricity solution meeting the challenges of high electricity demand



1650 MWe

4 EPR units
in operation
worldwide

The only technology
licensed by
4 safety authorities

> 91%
availability
design target

EPR, the EDF's flagship product, developed in collaboration with its French partners, is already in operation in three countries: China, Finland & France and under construction in the United Kingdom.



EDF provides a suite of fully owned technologies built on over half a century of experience. With a pipeline of projects under construction and in development in Europe and worldwide, EDF leverages the **track-record of the largest nuclear fleet operated worldwide.**

A deep commitment to CO₂ neutrality by building a net zero energy future, with electricity and innovative solutions and services, to help save the planet and drive well-being and economic development.



EPR in operation worldwide

- **Taishan 1** since 2018
- **Olkiluoto 3** since 2023
- **Taishan 2** since 2019
- **Flamanville 3** in 2024*

*Flamanville 3 entered into production phase on September 2024

EPR projects underway

- **Hinkley Point C**: 2 units under construction
- **Sizewell C**: 2 units under development

A state-of-the-art technology based on a renowned French expertise and global partnerships

> World's most powerful turbine



> Unique expertise in nuclear steam supply systems and supplier of I&C solutions, equipment and fuel



Characterised by **the highest safety standards**, the EPR is based on **robust and proven technology**, incorporating over **2,300 reactor-years of experience**. It is the **only GEN III+ technology licensed in four major nuclear countries**.

Key features

- > Compliant with European & international standards
- > Less uranium consumed per generated kWh, resulting in reduced production of radioactive materials and waste
- > Designed for load-following, thanks to EDF's unique owner-operator feedback and experience
- > Fuel cycle from 18 to 24 months



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