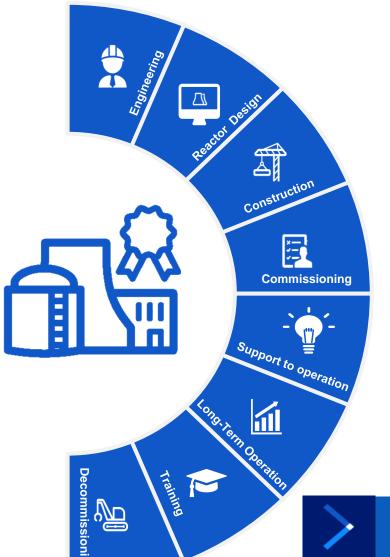


EDF, THE WORLD LARGEST FLEET OPERATOR











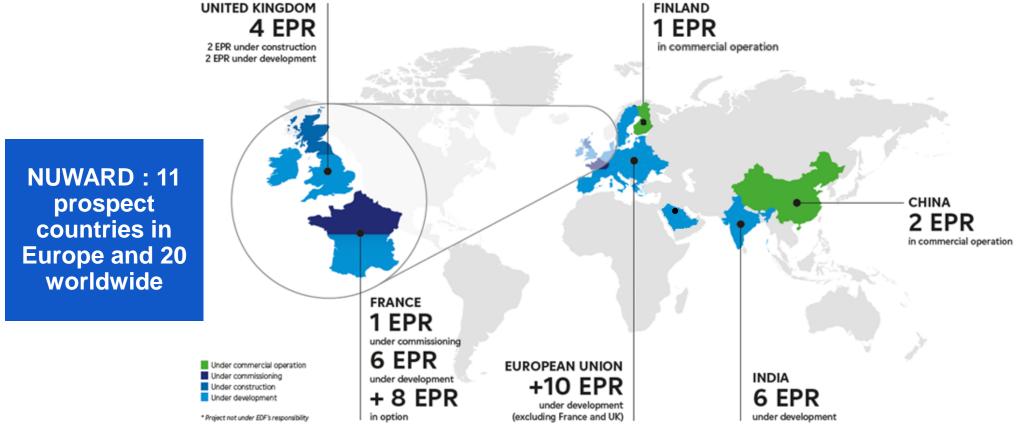
- 2200 reactor-years of operating experience
- expansion programme of 6 to 14 EPR2 units
- UK Government's commitment to continue the EPR program with 2 more units at Sizewell C

EDF is the only operator & vendor with ongoing construction activities in Europe and a strong domestic program



A CONCRETE PERSPECTIVE FOR UP TO 30 EPR PROJECTS ACROSS THE WORLD





1 EPR
under development

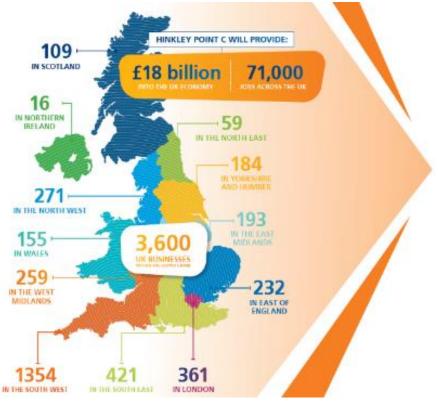
EDF is fully engaged in nuclear new build activities and is committed to supporting several countries in their nuclear program development with a focus on Europe and India



BUILDING A LOCAL SUPPLY CHAIN: HINKLEY POINT C EPR, THE UK EXAMPLE







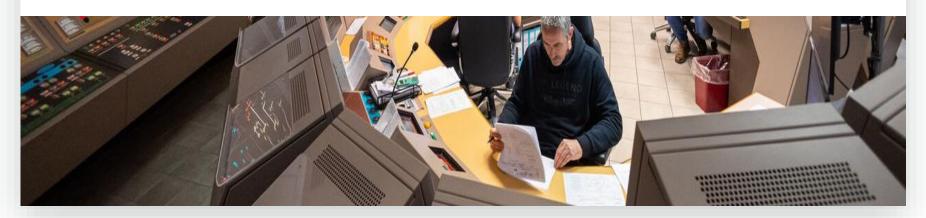
The UK experience is a demonstration of EDF's strong capabilities to create direct local value, with a long-lasting impact for the neighbouring regions and overall nuclear industry



SUPPLY CHAIN MANAGEMENT BY EDF

SUPPLY CHAIN

- Definition of long-term strategic policies and panels
- Qualification of EDF's suppliers
- Assessment of manufacturing and installation activities
- CFSI assessments and audits
- Suppliers risk assessment
- Supplier development / recovery





In Brief

EDF internal network:

Engineering, operators' and subsidiaries (EDF, EVVANCE, FRAMATOME, ARABELLE SOLUTIONS, DALKIA) share information, practices and learned lessons.

EDF's external networks:
GIFEN (French Nuclear
Industry Association – more
than 3,000 companies and
22,0000 employees) and takes
part in several professional
associations' networks all
around the world.

SUPPLIERS INDUSTRIAL PERFORMANCE

To achieve its goals in terms of safety and performance, the nuclear industry is aligning itself with the best practices and fundamentals of operational excellence. Targets:





Excell Manufacturing system



PRACTICAL STEPS FOR A ROBUST SUPPLY CHAIN REGULAR TARGETED SUPERVISION AND OVERSIGHT





Supervision is based on a **risk analysis** and **focused on high priority activities**, keeping in mind that suppliers remain responsible for their manufacturing and control



Supervision takes into account accumulated project experience

MANUFACTURING EXCELLENCE STRATEGY AT EDF



Supervision is performed both at the equipment and plant process level



As much as possible, supervision activities are grouped in a limited number of visits, set-up in cooperation with suppliers and taking into account industrial constraints

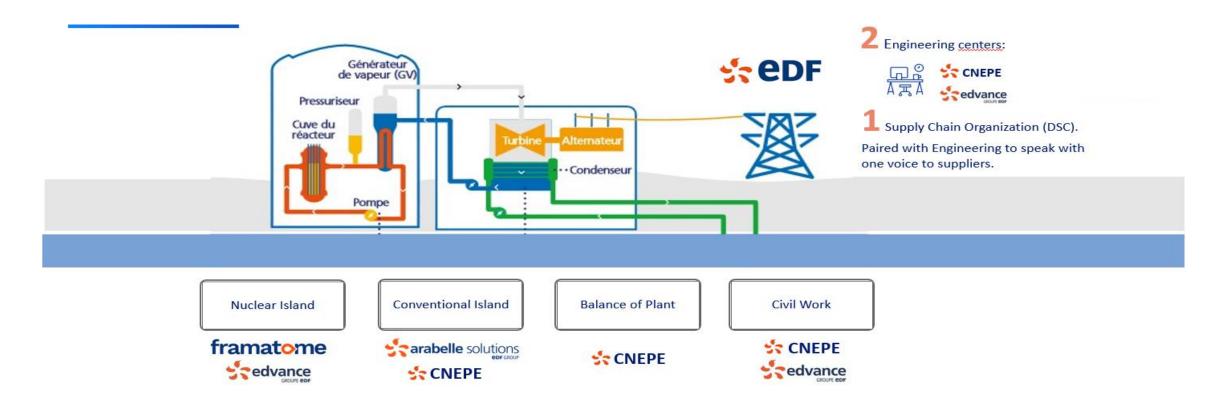


Supervision includes CFSI prevention and detection actions such as **unexpected** visits, repeat inspection (Non destructive or destructive testing) ...



EDF FAMILY FOR THE EUROPEAN REACTORS OPPORTUNITIES WITH EDF'S MAIN PARTNERS AS TIER 2 & 3



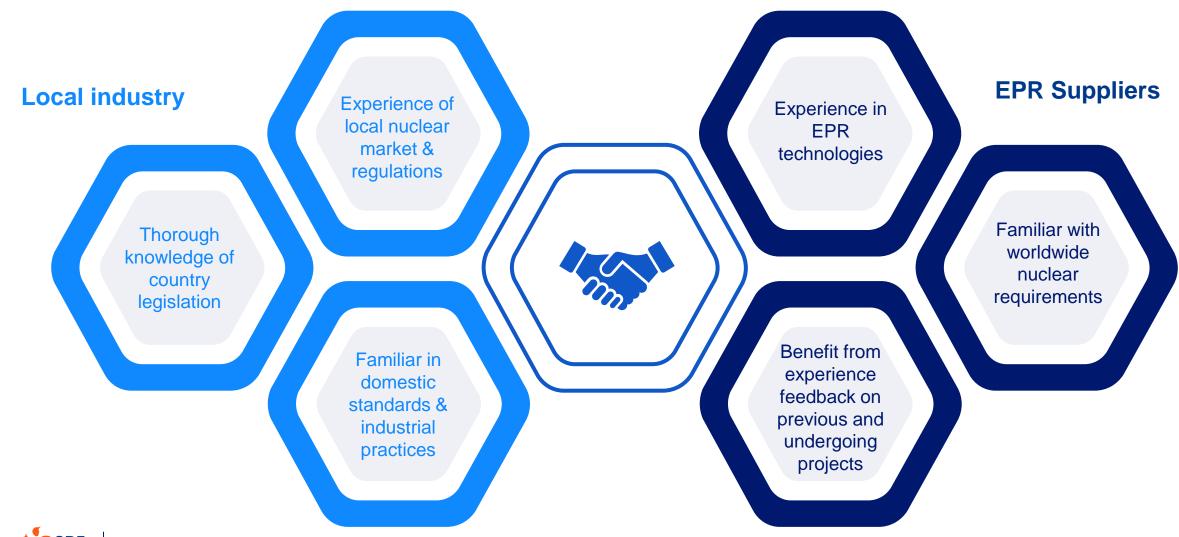


SUPPLIERS ENTER EPR VALUE CHAIN DIRECTLY VIA EDF, ITS PARTNERS OR ITS SUPPLIERS



A COLLABORATIVE APPROACH TO DEVELOP PARTNERSHIP BETWEEN HISTORIC EPR SUPPLIERS AND THE LOCAL INDUSTRY





Nuward's goals bring changes to the value chain: long-term, partners, involved early, across multiple geographies, bringing modularity and EPCC expertise

Nuward targets

Implications for our value chain

Aim for several SMRs by 2050

Be export-ready

Design the product prior to sites identification

Deliver projects in 48 months at a competitive price

Maximize value for Nuward



Build long-term commitment with key partners for invariant items, in a Program strategy, to secure economies of scale and experiences gains for them and us



Involve partners (designer, manufacturers) early in the Design phase of the program



Develop an international supply chain spread across targeted countries



Secure new types of partners for modularity, digital and overall EPCC delivery







