



CAP 2030



EDF, the efficient and responsible electricity company, the champion in low-carbon growth



PRESS PACK

EDF, COMMITTED TO THE ENERGY AND DIGITAL TRANSITION



Today, EDF operates in an environment characterised by the **energy transition**. Already a reality in France, the energy transition is also taking place at the European level. This is reflected in the low-carbon policies, search for energy independence and major trends that are revolutionising the industrial and energy world, such as energy efficiency and lower production costs.

At the same time, EDF is operating in an environment defined by the **digital transition**. Interconnectivity, smart meters and smart grids are all examples of digitisation at work in society. Consumers and local authorities now have a role in shaping energy use and energy policy, and this looks set to increase in future. Their heightened expectations are leading energy companies to come up with smarter, more competitive and more decentralised models.

In this context, EDF has devised a strategy dubbed "**CAP 2030**", designed to make EDF, the efficient and responsible electricity company, the champion in low-carbon growth. CAP 2030 is built around three priorities and a common goal within the company. It outlines the direction EDF will take over the next 15 years.



1 CAP 2030: THREE PRIORITIES FOR ACHIEVING EDF'S GOAL

1 TO SUPPORT CONSUMERS AND LOCAL AUTHORITIES THROUGHOUT THE ENERGY TRANSITION

The EDF Group plans to develop competitive energy solutions as well as an industrial model based on smart grids, in lockstep with changing patterns in energy use and new forms of power generation. This also means stepping up R&D in storage, solar power, electric vehicles and new networks.

Serving domestic and business customers...

→ Between now and 2018, a host of digital energy services for consumers will be rolled out across France and in EDF's strategic European countries (e.g. real-time consumption management, load-shedding, etc.). The aim? To give customers an active role in their energy use. Opportunities for strategic partnerships will also be examined.

→ The relationship with domestic customers will be enhanced by new technologies and digital features. In addition, EDF wants to boost energy savings for its customers by offering advice and solutions in areas such as insulation and equipment.

... and local government

→ The Group must leverage its strong position in energy services in France through its subsidiary Dalkia to support businesses and local authorities in their quest for energy efficiency and the development of local and decentralised generation.

→ In parallel, EDF plans to capitalise on its expertise to support local authorities in their energy plans for sustainable cities and regions.

EDF will offer low-carbon solutions to foster the energy transition, replacing fossil fuels with new energy-efficient applications such as electric vehicles and the low-carbon home...

...or even heating networks using renewables and energy recovery...

2 TO GENERATE LOW-CARBON ELECTRICITY FROM NUCLEAR POWER AND RENEWABLES

To become the market leader in low-carbon power plants, the Group wants to strike a new balance in its energy mix by expediting renewables development and ensuring the safety and performance of both existing and new nuclear power plants.

Investing in hydro, wind and solar power

To develop renewable energy, EDF plans to double its installed capacity from 28 GW in 2014 to 50 GW by 2030. In France, this investment programme covers hydroelectric plants as well as wind and solar farms.

Protecting the future of nuclear power plants

At the same time, EDF must invest in France's nuclear power plants, safely extending their operating life beyond 40 years (subject to the necessary permits). Nuclear power is a key driver for economic competitiveness and a low-carbon energy mix. Investments will also be made to extend the lifetime of the UK's nuclear power plants by an average of eight years.

As a responsible energy company, EDF makes every effort to plan the decommissioning stages of certain reactors and waste management in France and the UK.

Doubling the installed capacity of renewable energy from 28 GW to 50 GW by 2030

Finding new ways of financing renewables

In addition, EDF is proactively looking for new sources of funding. For example, the Group is issuing green bonds to help finance the renewables projects of its subsidiary EDF Energies Nouvelles. Overall, 13 projects have already been financed, equivalent to a total capacity of 1.8 GW.

EDF also raised the dollar equivalent of €1.25 billion on 8 October 2015, with the largest green bond ever issued by an industrial company.

3 TO DEVELOP OUR LOW-CARBON SOLUTIONS WORLDWIDE

The EDF Group's goal is to establish a global footprint by developing low-carbon solutions in growth countries while strengthening its position in Europe. The energy market is now in transition and faces several challenges. While electricity demand is relatively stable in Europe, it is soaring in emerging countries, particularly in Asia.

Contributing towards a low-carbon Europe

The EDF Group aims to be a key player in the energy landscape in France and certain strategic countries by contributing towards energy security, boosting economic competitiveness and decarbonising the European economy in line with government policy.

Contributing to energy in developing countries

EDF is also keen to tap into the growth of emerging countries by becoming a key player in several growth countries.

Priority will be given to organic growth rather than major acquisitions.

The EDF Group will call on its wealth of expertise to further this development:

renewables, energy services, new nuclear and business process engineering (e.g. networks, thermal, environment, etc.), capacity trading and gas distribution in Europe and worldwide.



2 A COLLECTIVE AMBITION IN A CHANGING WORLD

EDF is very much part of this new environment as a successful, responsible and innovative company, tackling climate change and supporting its customers throughout the energy transition. This involves several objectives:

→ To be a **responsible player in the fight against climate change**; to help achieve the aims of the law on energy transition and green growth in France, those of the Climate Change Act in the United Kingdom and more broadly those of the 2020 and 2030 climate and energy packages in the European Union;

→ **To identify new channels for differentiation** and be in a technological and financial position to update and diversify the generation mix and thus contribute to energy security;

→ To ensure that the EDF Group stands the test of time as an **exemplary public service provider**: defending standardised tariffs in France; tackling energy poverty and looking after those in need; acting ethically, responsibly and respectfully;

→ To plot a course towards **sustainable value creation** for all Group stakeholders;

→ **To foster employee engagement** and nurture their development.

A dynamic business. The Group is encouraging its employees to work towards new personal goals, tailored to the various challenges and expectations: digital and new working arrangements; increased accountability and simplicity; skills; recognition; health and safety. In line with this ambition, the Group will update its management practices to include greater accountability (among senior executives, managers and staff), a streamlined organisation and operating procedures, enhanced cross-functionality and increased innovation. EDF will fast-track its digital transformation for customers and employees through internal operating procedures and the management and design of industrial assets.

CAP 2030



Press contact: +33 (0)1 40 42 46 37 / service-de-presse@edf.fr