

A GLOBAL EXPERTISE FOR BESPOKE AND INNOVATIVE ENERGY SOLUTIONS

Every territory, every city, every building is unique.
EDF proposes tailored solutions that support its customers towards the energy transition.



Urban planning

Consultancy for planning and simulation using innovative and bespoke decision making tools, allowing to choose robust and scalable technical, environmental and economical solutions.

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20

French cities using the EDF energy planning approach

—

3

major international references

Up to 50%
of potential energy saving



Discover our
EDF city lab software

Renewable energy

Design, build and operate cities renewable energy resources: solar, wind, geothermal, biomass, hydropower and waste-to-energy power plants.

Reduce environmental footprint, enhance local resources, manage energy costs, promote local business.

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over 15,000

PV installations for individuals clients

over 900

PV installations for enterprises and local authorities



Discover a moderate-temperature water network to supply buildings with heating and cooling from an entirely renewable source

Smart grid

Plan, design, build and operate power networks (renewable energy integration, forecasting and simulation, smart metering system, demand side and energy data management, electrical vehicle charging station...).

Remote control operating, local balance optimisation, asset management improvement.

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35

million of smart meters installed in France by EDF (2015-2021)

329,000

renewable energy generation units connected to the grid operated by EDF



Discover our references worldwide

Smart thermal grid

Design, build and operate reliable and affordable district heating and cooling networks to provide renewable and local energy to various customers (public, commercial, industrials, housing...), including waste to energy solutions. Enhance low carbon and local renewable energy, optimise investment and security of supply.

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350

district networks managed

2

million housing units heated



Discover our multi-energy project in the Chinese city of Sanya

Electric mobility

Services related to electrical vehicle charging stations (EVCS) and infrastructure for electrical public transport: design studies, installation, EVCS supervision software, remote technical and commercial operation. Flexible solutions (multi-protocol suitable).

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5

years of experience in electrical vehicle charging stations

1,500 EVCS
managed



Discover our all-in-one charging and billing solution Ubitricity

Urban electrical equipment

Smart urban services based on public lighting, traffic signals and light radars, lighting for heritage buildings, Wi-Fi, video surveillance, electric vehicle charging, air quality, monitoring, etc.

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2.5

million of street lighting points managed

1,000

cities managed in the world



Discover how we help Albuquerque to improve energy efficiency and public safety

Smart city platform

Digital energy management systems to monitor, control, optimise and maintain urban equipment in real time based on big-data processing tools (smart grids, building energy efficiency, public lighting, video surveillance, mobility, etc.).

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3

million lighting points managed

Up to 40%

of building energy savings thanks to performance monitoring



Discover Muse®, the collaborative urban space management platform

Building energy management

Energy savings for reduced energy bills, guaranteed comfort, security of utilities supply (emergency power, cold, heat...), reduction of environmental footprint.

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87,000

energy installations managed by EDF

2,000

healthcare establishments and 14,000 schools and leisure centres

21.9

million m² of equivalent-dwelling



Discover how to secure energy savings in a ski resort housing



EDF GROUP CONNECTING OUR ENERGIES

FOR A RESPONSIBLE, LOW CARBON...

Because **your expectations are changing**, because tomorrow's electricity needs will **not be the same everywhere**, because the answers must be **low-carbon**, we are working now to create the safe, clean and competitive energy solutions of the future.

EDF is active at every level of the **electricity value chain** and is supporting cities and all urban players towards the energy transition by making the most of its seventy years of experience and capacity for innovation.

...AND CONNECTED CITY

**EDF group: the world's
leading electricity company**
2017 figures

1st...

- ... nuclear operator in the world
- ... European producer of renewable energies
- ... national power grid
- ... electricity supplier in France

One

of the main European players in energy services

87%

of electricity produced without CO₂

35.1

million customers worldwide

152,000

employees

More than 20

locations worldwide

€69.6

billion in sales



EDF – International division
20, place de la Défense
92050 Paris-la Défense – France
SA share capital de € 1,505,133,838
552 081 317 RCS Paris