Solutions to support customers in their energy transition

- Energy efficiency solutions
- Heating and cooling networks
- Decentralised low-carbon generation
- Recycling local resources

France

Dalkia Smart Building (100% Dalkia)
Design and construction of digital energy solutions: smart buildings, smart heating and electricity grids.

€102 million: revenue
150 employees
Market segments: local authorities, service sector, green data centres
3,000 customers
140 GWh of energy saved annually
540 GWh of renewable energy recycled annually
100,000 tonnes of CO₂ avoided annually

Design and construction of digital energy solutions: smart buildings, smart heating and electricity grids.

Market segments:
- Local authorities
- Service sector
- Green data centres

Breakdown of revenue by activity:
- Residential: 13%
- Public buildings: 21%
- Other: 23%
- Public lighting: 8%

Breakdown of customers:
- Residential customers: 81%
- Local authorities: 11%
- Service sector: 6%
- Health/ restaurants: 5%

Market segments:
- Local authorities
- Service sector
- Green data centres

Italy

Zephyr (100% Edison)
Energy management and energy efficiency services.

€72 million: revenue
250 employees
Market segments: public administrations
Breakdown of revenue by activity:
- Residential: 13%
- Public buildings: 7%
- Other: 23%
- Public lighting: 8%

Breakdown of customers:
- Residential customers: 81%
- Local authorities: 11%
- Service sector: 6%
- Health/ restaurants: 5%

Market segments:
- Local authorities
- Service sector
- Green data centres

France

Dalkia in France and excluding specialist subsidiaries.

United Kingdom

Intech (50% EDF Energy/50% Dalkia)
Climate engineering and energy consumption reduction solutions. Low-carbon solutions. Decentralised and renewable energy generation.

€460 million: revenue
2,100 employees
Market segments: buildings, industry, service sector, local authorities

Market segments:
- Buildings
- Industry
- Service sector
- Local authorities

Breakdown of revenue by activity:
- Residential: 21%
- Public buildings: 36%
- Other: 26%
- Industry: 13%

Breakdown of customers:
- Residential customers: 21,000
- Local authorities: 1,500
- Service sector: 1,500
- Industry: 2,500

France

Dalkia group (100% EDF)
Development, installation and management of energy solutions and services. Covers the entire value chain, from decentralised generation to managing energy demand.

€4.2 billion: revenue
16,600 employees
around 31,000 customers
Market segments: housing, service sector, industry, health, local authorities
4.2 million tonnes of CO₂ avoided in 2018
38.2% Proportion of renewable or recycled energy

Market segments:
- Housing
- Service sector
- Industry
- Health
- Local authorities

Breakdown of revenue by activity:
- Housing: 36%
- Heating and cooling networks: 26%
- Industry: 26%
- Local authorities: 13%
- Service sector: 13%

Breakdown of customers:
- Housing: 36%
- Heating and cooling networks: 26%
- Industry: 26%
- Local authorities: 13%
- Service sector: 13%

France

Dalkia Froid Solutions (100% Dalkia)
Cooling solutions for industry and the commercial sector, climate engineering and air treatment.

€148 million: revenue
1,050 employees, including 600 repair technicians
12,000 customers

Market segments:
- Residential and small business customers
- 25% share of residential customer market

Breakdown of customers:
- Residential customers: 88%
- Local authorities: 7%
- Service sector: 5%

Breakdown of revenue by activity:
- Residential: 36%
- Industrial: 26%
- Other: 26%
- Local authorities: 13%

France

Dalkia Biogaz (100% Dalkia)
Design of biogas generation and recycling units.

€222 million: revenue
1,150 employees
Market segments: waste management or local authorities

Market segments:
- Waste management
- Local authorities

Breakdown of customers:
- Waste management authority customers: 3 million tonnes of waste treated
- 2.7 TWh d'électricité et de vapeur vendus
- 935,000 tonnes of CO₂ emissions avoided
- 800,000 people supplied with energy annually

Market segments:
- Waste management
- Local authorities

France

Dalkia Wastenergy (100% Dalkia)
Waste recycling to generate energy in the form of heat and electricity.

€222 million: revenue
1,150 employees
Market segments: waste management or local authorities

Market segments:
- Waste management
- Local authorities

Breakdown of revenue by activity:
- Waste: 30%
- Electricity: 70%

Breakdown of customers:
- Waste management authority customers: 3 million tonnes of waste treated
- 2.7 TWh d'électricité et de vapeur vendus
- 935,000 tonnes of CO₂ emissions avoided
- 800,000 people supplied with energy annually

Market segments:
- Waste management
- Local authorities

France

Imtech

Climate engineering and energy consumption reduction solutions. Performance improvement solutions. Performance management and monitoring.

€59 million: revenue
285 employees
Market segments: residential and small business customers

Market segments:
- Residential
- Small business customers

Breakdown of customers:
- Residential customers: 120
- Approved installation technicians: 200

Breakdown of revenue by activity:
- Residential: 30%
- Industry: 20%
- Other: 50%

France

EDF Store & Forecast (100% EDF)
Optimisation and smart management of local electricity systems using forecasting and storage.

€2.5 million: revenue
22 employees
Market segments: renewable energy producers, network managers, aggregators and self-producers (service sector and industry)

Market segments:
- Renewable energy producers
- Network managers
- Aggregators
- Self-producers

Breakdown of customers:
- Residential customers: 6,600
- Small businesses: 3,000

Breakdown of revenue by activity:
- Residential: 60%
- Commercial: 40%

France

Netenergy (100% EDF)
Energy management: on-site digital energy audits; monitoring by sensor installation and consumption optimisation.

€7 million: revenue
55 employees
Market segments: industry, service sector and local authorities

Market segments:
- Industry
- Service sector
- Local authorities

Breakdown of customers:
- 16,000 sites equipped
- 46,000 energy measurement devices read each day

Market segments:
- Industry
- Service sector
- Local authorities

France

Xelion (100% EDF)
Electric mobility solutions.

€7.4 million: revenue
55 employees
Market segments: service sector, local authorities, industry, general public; 25% share of B2B/FG market

€350 charging points managed and operated
200 Corri-Dor rapid charging stations located every 80 km on French motorways
300 additional stations currently being installed

Market segments:
- Service sector
- Local authorities
- Industry
- General public

Share of charging stations operated (as %)

France

Izivia (100% EDF)
Electric mobility solutions. Management of connected objects via the Muse® digital platform for managing urban assets.

€318 million: revenue
(75% generated outside France)
2,500 employees
Market segments: local authorities, industry and service sector in Europe (Belgium, Denmark, Spain, France, Italy) and the Americas (Brazil, Chile, United States, Mexico)

205 active contracts (public lighting, illumination, maintenance)
3 million lighting points managed worldwide
30 million people benefiting from lighting

1.7 million connected objects and urban equipment (traffic light, cameras, sensors, etc.) managed by the Muse® platform
Up to 75% reduction in customers’ electricity consumption

Market segments:
- Local authorities
- Industry
- Service sector

Share of lighting points managed (as %)

France

Cityslum (100% EDF)
Smart public lighting and urban equipment solutions. Management of connected objects via the Muse® digital platform for managing urban assets.

€318 million: revenue
(75% generated outside France)
2,500 employees
Market segments: local authorities, industry and service sector in Europe (Belgium, Denmark, Spain, France, Italy) and the Americas (Brazil, Chile, United States, Mexico)

205 active contracts (public lighting, illumination, maintenance)
3 million lighting points managed worldwide
30 million people benefiting from lighting

1.7 million connected objects and urban equipment (traffic light, cameras, sensors, etc.) managed by the Muse® platform
Up to 75% reduction in customers’ electricity consumption

Market segments:
- Local authorities
- Industry
- Service sector

Share of lighting points managed (as %)

France

Citelum (100% EDF)
Active in efficiency, innovative services to support new uses, decentralised electricity generation, urban services and electric mobility, EDF group has a number of specialist companies to support customers in their energy transition.

In France, EDF aims to double its revenue generated from the supply of energy services for businesses and local authorities by 2025 and to increase that revenue to €11 billion by 2030.

Data at 31 December 2018. Non-exhaustive list of Group companies.

(1) Dalkia in France and excluding specialist subsidiaries.