Welcome to the New Electric Age in France
2022
The climate emergency is pushing us to act faster, there’s no time to waste. In this context, France is entering a new era that has chosen electricity as the backbone of the energy transition with the grid as its main engine. The green transition involves major transformations for electrical power, with specific targets for Enedis: connect renewable energy to the electric grid, monitor power consumption thanks to the benefits of the Linky smart meter and contribute to the growth of personal mobility, all while continuing to ensure a reliable, efficient and modern electrical network.

55% By 2050, electricity will account for 55% of final energy consumption in France compared to 25% in 2020 (source RTE)

48 Up to 48 GW of Renewable Energy in 2023 (34 GW connected in 2021)

7 million recharging stations for electric vehicles by 2030
Enedis, the public service for France’s green transition

Operator of Europe’s largest electric grid, covering 95% of French territory, Enedis works with the local authorities to monitor, develop and modernise the electricity network and guarantee a high quality electrical supply for all its customers. One major challenge: make the electricity distribution network strong, sustainable, reliable and efficient.
1.4 million kilometres of power lines (i.e. 35 times the circumference of the Earth)

15,000 km of new power lines each year (i.e. the circumference of the Earth every 3 years)

99.99% electricity availability throughout the year

56 min average duration of power cuts per inhabitant per year

2,344 sub-stations (19 new facilities in 2021, including 9 for Renewable Energy)

500 specialists monitoring the network in real-time, 24/7

€4.4 bn invested each year (+10% in 2021)

€1 bn dedicated to network resilience and modernisation

€61 bn of planned investments for 2021-2035

WELCOME TO THE NEW ELECTRIC AGE IN FRANCE
Every day, we work to become the French favorite public service for the green transition. We combine human and industrial values to rise to technical, technological and green challenges. We develop a network designed to meet the comprehensive needs of local authorities, with a fair, responsible and forward-looking approach.
employees spread across 800 sites throughout France

Ega-Pro Index score measuring the gap between men and women

New hires in 2021

2,138 apprentices

95/100

24.8% women

953

332 concession contracts renewed out of a total of 365

Revenue in 2021

€15.3bn

Net profit

€1,392m

purchases by value are made from French companies

98%

37 million customers

new customers connected to the network at end 2021

458,000

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8 flagship commitments to become the French favorite public service

Enedis is above all a public service company, rooted as close as possible to French local authorities to manage Europe’s largest electric grid. We are paving the way for new methods of consumption, new uses, new ways of living together in order to make the green transition a success throughout the country. Every day we provide a smart and connected electricity network. This drive to go ever further is at the heart of our 2020-2025 Industrial and Social Project.

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<td>Enabling 100% of customers to monitor their consumption thanks to the Linky smart meter and benefit from innovative offers from their supplier</td>
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<td>Restoring 90% of customers to the grid within 48 hours in the event of a major weather incident</td>
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<td>Halving the lead time to connect customers by 2022</td>
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<td>Reaching an employee commitment index of 70% in 2024 (63% in 2021)</td>
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Offering one of the best value for money propositions in Europe

Reducing our carbon footprint by 20% in 2025 and contributing to achieving carbon neutrality by 2050

Creating 20 new activities (Energy communities, electro-mobility solutions, data services, etc.) through projects and/or partnerships

Restoring 90% of customers to the grid within 48 hours in the event of a major weather incident

Enabling 100% of customers to monitor their consumption thanks to the Linky smart meter and benefit from innovative offers from their supplier

Aiming for zero serious or fatal accidents for our teams and industrial partners
Our green transition challenges

— Modernise and secure Europe’s largest electric grid
— Ensure electric power quality and develop new uses for our customers
— Develop a positive impact network for the planet, women and men, and territorial economic activity
Our green transition challenges

Modernise and secure Europe’s largest electric grid

Nowadays, the electric grid supports changes in production methods and energy consumption. Making this network smarter, more modern, connected, in particular thanks to the Linky smart meter, is offering additional benefits to the green transition. The electrical infrastructure is also becoming more resilient, in order to resist to climate change risks.
Modernise and secure Europe’s largest electric grid

The N°1 smart grid

Enedis designated in 2021 the world’s smartest grid operator by the Singapore Grid Index

540,000
Renewable energy generation facilities connected to the electric grid

i.e.

90%
Renewable Energy generation facilities connected to the distribution grid at end of 2021

34
million Linky smart meters

90%
of French clients equipped

76,000
remote diagnostics every month

54,000
remote operations performed every day

WELCOME TO THE NEW ELECTRIC AGE IN FRANCE
Our green transition challenges

Ensure electric power quality and develop new uses for our customers

Accelerating and supporting the green transition in France is enabling customers, communities, individuals and businesses, to monitor their electricity consumption thanks to the Linky smart meter. Aggregated consumption data makes it thus possible to take the right decisions in terms of investment and energy efficiency programmes. It is also supporting the development of electric mobility and self-supply.
Ensure electric power quality and develop new uses

12.5 million
customer support operations in 2021, of which 80% performed remotely

600,000 EV charging stations connected to the distribution network in France

56 min
average duration of power cuts in 2021 (i.e. 2.4 min less compared to 2020)

146,000 direct users through PV production at end September 2021 compared to 3,000 in 2015

N°1 fleet
of connected devices with 34 million Linky smart meters
Our green transition challenges

Develop a positive impact network for the planet, women and men, and territorial economic activity

Enedis puts CSR commitments at the heart of its development. We are convinced that industrial and economic change is interconnected with an exemplary social and environmental approach. Our Corporate Responsibility Policy is focused on three pillars, in line with the Sustainable Development Goals of the UN and our public service values focused on positive impact for the planet, women and men, and territorial economic activity.
A historic partnership with the “League for the protection of birds” (LPO)

20.5% of the Enedis vehicles fleet is electric in 2021, i.e. the 2nd largest EV fleet in France

Carbon footprint assessments performed by Enedis in each region

97% of waste recycled

Climate Collage Workshops

10,000 Enedis employees, aware of climate change issues at end of 2021

Positive impact for women and men

Positive impact for territorial economic activity

Award
Enedis distinguished with Responsible Purchasing Relations award

€11.5m
of purchases dedicated to the protected and adapted sector

50% sales with Very Small businesses and SMEs

54,000 indirect jobs of which 50% in businesses with less than 50 employees

Charter
Enedis and subcontractor safety

Social Agreements signed in 2021
Professional equality, disability, work and management methods

31% of women in the management committees

PIMMS*
50,000 people supported each year

* Multi-service information and mediation points.

10,000 Enedis employees, aware of climate change issues at end of 2021

WELCOME TO THE NEW ELECTRIC AGE IN FRANCE
Enedis is a public service company managing the French electricity distribution network. It develops, operates and modernises the electric grid and manages the associated data. It carries out customer connections, 24/7 troubleshooting, meter reading and all technical interventions. Acting on behalf of the local authorities which own the electricity networks, it is independent of the energy suppliers responsible for marketing and managing electricity supply contracts.