



# How Schneider Electric supports each pillar of the European Green Deal

Turning climate and environmental challenges into opportunities

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# Introduction

**The goal of the European Green Deal is to make the EU's economy sustainable by identifying milestones and actions in several critical areas.**

Schneider Electric supports the [European Green Deal](#) and the ambitious 2030 greenhouse gas emission reduction target of 55%. We are committed to the Paris Climate Agreement and to shaping a climate positive world by investing in and developing innovative solutions that deliver immediate and lasting decarbonisation for our clients.

At Schneider Electric, sustainability is hardwired into our strategy. It is a tangible growth pillar which encompasses the continuous improvement of cross-functional (environmental, ethical, social, and economic) issues across our entire value chain and for all stakeholders. Our purpose—to bridge progress and sustainability for all—fully resonates with the Green Deal's objective of a green transition that's just and inclusive.

During this time of crisis recovery, we have the expertise and resources to turn the challenges that the EU is facing into opportunities. We're here to help companies prepare for the longer-term transformation and build a more resilient, digitised, prosperous, and sustainable Europe by leveraging the European Commission's [NextGenerationEU Recovery Plan \(NGEU\)](#).

Now, more than ever, it is crucial that companies, governments, and communities work together to accelerate the decarbonisation of the European economy. Let's explore how Schneider Electric is doing our part to support eight key ambitions of the EU Green Deal.





# European Green Deal policy areas and ambitions

## Climate Action

1

Reduce greenhouse gas emissions by 55% by 2030 to make the EU climate neutral by 2050

## Clean Energy System

2

Adapt energy markets and infrastructure to increase the share of clean electricity in final energy consumption

## Sustainable Industry

3

Lead the twin transition of green and digital to promote a sustainable and circular economy

## Building and Renovating

4

Speed up the renovation rate of EU's residential and non-residential buildings to at least double by 2030

## From Farm to Fork

5

Reduce the environmental footprint of the EU food system while ensuring food security

## Sustainable Mobility

6

Promote green, smart, and resilient mobility to achieve a 90% reduction in transport emissions by 2050

## Biodiversity

7

Set Europe's biodiversity on a path to recovery by 2030 with an EU nature restoration plan and dedicated funding

## Eliminating Pollution

8

Aim at zero pollution by 2050 to eliminate all harmful pollution of air, soil, and water





# Climate Action

**Green Deal Goal: Reduce greenhouse gas emissions by 55% by 2030 to make the EU climate neutral by 2050**

How we're achieving this at Schneider Electric:

- Carbon neutral operations by 2025, net-zero operational emissions by 2030, [net zero supply chain by 2050](#)
- Member of [all three](#) of the Climate Group's global corporate partnerships: RE100, EV100, and EP100
- Multiple recognitions for our sustainability strategy including Corporate Knights "[Most Sustainable Company 2021](#)"

How we support clients:

- Aiming to deliver 800 megatons of saved and avoided CO2 emissions with our solutions for our customers by 2025
- Launched the world's first [climate change](#) and [supply chain decarbonisation](#) advisory services in 2021, advising numerous leading European industry companies on climate action
- Provide solutions for [net zero carbon cities](#) integrating renewables

## Success story:

[Discover how Faurecia, a global leader in automotive technology, partners with Schneider Electric on carbon neutrality](#)



# Clean Energy System

**Green Deal Goal: Adapt energy markets and infrastructure to increase the share of clean electricity in final energy consumption**

How we're achieving this at Schneider Electric:

- 100% renewable electricity by 2030
- Inaugural [winner](#) of the Climate Group's Renewable Energy Trailblazer Award

How we support clients:

- World's largest [corporate renewable energy advisor](#) with 10GW corporate power purchase agreements (PPAs) advised to date, and with over 12,500,000 MWh additional currently under RFP in Europe alone
- [Advanced microgrid & energy storage solutions](#) for onsite renewable integration and optimisation
- [EcoStruxure™ Grid](#) for Distribution Utilities & Consumers bringing together prosumer technology and distribution facilities

**Success story:**  
[Discover how we're helping Philips, HEINEKEN, Nobian & Signify addgreen energy to the grid in 1st Pan-European consortium for future wind farm](#)







# Sustainable Industry

**Green Deal Goal: EU industry to lead the twin transition of green and digital to promote a sustainable and circular economy**

### How we're achieving this at Schneider Electric:

- Founding member of [European CEO alliance](#) on cross-industry collaboration to fight climate change
- Increase green material content in our products to 50% by 2025
- 75% sales under our Green Premium™ program, Schneider Electric Ecolabel
- 2019 multinational [winner](#) at The Circulars Awards

### How we support clients:

- [Integrated energy and automation](#) to improve energy usage by up to 10% and reduce carbon footprint by 7 – 12%
- Deep domain expertise in advancing sustainability and delivering [IoT-enabled infrastructure](#) across a variety of manufacturing contexts, including semiconductors, appliance manufacturing, chemicals, and more

### Success story:

[Discover how EcoStruxure™ Plant architecture helped ArcelorMittal's Dunkirk plant produce 6.7 M tons of steel more sustainably](#)





# Building and Renovating

**Green Deal Goal: Speed up the renovation rate of EU's residential and non-residential buildings to at least double by 2030**

How we're achieving this at Schneider Electric:

- Reduced energy costs up to 30% and maintenance costs up to 50% across our [Smart Factories and Smart Distribution Centers](#)
- Integrating onsite renewables and aiming for 150 net zero sites across our factories, distribution centers, and offices
- Participating in innovative projects, such as [EUREF Campus](#), to demonstrate feasibility of a net zero future

How we support clients:

- Our [Ecostruxure Building](#) software portfolio uniquely digitises and enhances efficiency across the entire building lifecycle
- Demonstrated ability [to achieve up to 30% of energy savings in buildings](#) across many sectors
- With our [solutions for smart homes](#), we help to build sustainable and digitised homes of the future



## Success story:

[Discover how we helped build the world's most sustainable office building, The Edge](#)





# From Farm to Fork

**Green Deal Goal: Reduce the environmental footprint of the EU food system while ensuring food security in the face of climate change**

**How we support clients:**

- Supporting regenerative and innovative agriculture practices such as precision farming, [indoor farming](#), or [aquafarming](#), with digital and automation technologies
- Optimising resource efficiency and saving water in food processing with solutions for smart factories, such as [EcoStruxure™ Clean-in-Place Advisor](#)
- Providing [End-to-End traceability](#) and transparency solutions across the agriculture supply chain

**Success story:**

[Discover SCADAfarm, an integrated automation and information management platform helping farmers to reduce irrigation system water use by up to 50%](#)



# Sustainable Mobility

**Green Deal Goal: Promote green, smart, and resilient mobility to achieve a 90% reduction in transport emissions by 2050**

How we're achieving this at Schneider Electric:

- 100% EV fleet by 2030, to reduce direct CO2 emissions from company cars
- Reduce transport GHG Emissions from freight
- Close ties to the [startup world and EV incubators](#)
- [Pledged to plant 200 orchards, driving biodiversity in Ireland](#)

How we support clients:

- [End-to-end eMobility solutions](#) to enable efficient, resilient, and sustainable mobility. Providing EV smart charging infrastructure and services
- [Total lifecycle coverage of EV charging infrastructure](#), including microgrid, power distribution, software, and services to enable energy management and smart charging

## Success story:

[Discover how IONITY's and Schneider Electric's partnership drives eMobility while expanding Europe's EV charging infrastructure](#)





# Biodiversity

**Green Deal Goal: Set Europe’s biodiversity on a path to recovery by 2030 with an EU nature restoration plan and dedicated funding**

How we’re achieving this at Schneider Electric:

- Performed the [world’s first end-to-end biodiversity footprint](#) in 2020
- Achieve [no net biodiversity loss in our direct operations by 2030](#)
- 100% of sites to have local biodiversity conservation and restoration programs by 2025

How we support clients:

- Contribute to increasing [access to electricity](#) for 30 million people while reducing their pressure on local biodiversity
- Developing and tracking biodiversity footprint and activity with our digital solutions, including [EcoStruxure Traceability Advisor](#)

**Success story:**

[Learn how Schneider Electric’s CEO Jean-Pascal Tricoire explains how biodiversity can best be achieved in public-private partnership](#)



# Eliminating Pollution

**Green Deal Goal: Aim at zero pollution by 2050 to eliminate all harmful pollution of air, soil, and water**

How we're achieving this at Schneider Electric:

- 100% substitution with [SF<sub>6</sub>-free medium voltage technologies](#) by 2025
- 200 sites labeled as Zero Waste to Landfill

How we support clients:

- Intelligent [building management solutions](#) help reduce impact on the environment, such as automatic extinction of nighttime light pollution
- Creating [healthier buildings](#) with our solution for buildings of the future
- [Helping the water industry](#) work more sustainably while maintaining water quality and efficient operations

**Success story:**

[Learn how EcoStruxure for Water & Wastewater optimizes water treatment process and helps conserve the environment](#)





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To learn more about how Schneider Electric contributes and can support your progress toward Europe's Green Recovery, **contact us** or visit

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