

# Compromisso com a Sustentabilidade

## Schneider Electric

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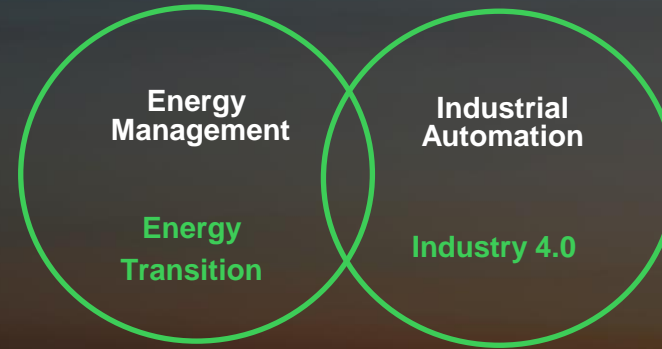
# Schneider Electric in a snapshot

€36bn

Group FY 2023 revenues

168k+

Employees in over 100 countries



Two Businesses



## Multi-hub operations



## Purpose

Schneider's purpose is to create **Impact** by empowering all to **make the most of our energy and resources**, bridging progress and sustainability for all. At Schneider we call this **Life Is On**.



# ESG strategy with 6 long-term commitments



Commit to  
**ZERO**





# SSI – Schneider Sustainability Impact – Q1 2024 Results

		Baseline	Q1 2024	2025 Target
<b>CLIMATE</b>				
	1. Grow Schneider Impact revenues* <sup>2</sup>	70%	74%	80%
	2. Help our customers save and avoid millions of tonnes of CO <sub>2</sub> emissions <sup>3</sup>	263M	576M	800M
	3. Reduce CO <sub>2</sub> emissions from top 1,000 suppliers' operations	0%	28%	50%
<b>RESOURCES</b>				
	4. Increase green material content in our products	7%	30%	50%
	5. Primary and secondary packaging free from single-use plastic, using recycled cardboard	13%	65%	100%
<b>TRUST</b>				
	6. Strategic suppliers who provide decent work to their employees <sup>4</sup>	1%	28%	100%
	7. Level of confidence of our employees to report unethical conduct <sup>5</sup>	81%	+1pt	+10pts
<b>EQUAL</b>				
	8. Increase gender diversity in hiring (50%), front-line management (40%) and leadership teams (30%)	41/23/24	40/28/30	50/40/30
	9. Provide access to green electricity to 50M people <sup>6</sup>	30M	+18.2M	50M
<b>GENERATIONS</b>				
	10. Double hiring opportunities for interns, apprentices and fresh graduates <sup>2</sup>	4,939	x1.62	x2.00
	11. Train people in energy management <sup>6</sup>	281,737	644,085	1M
<b>LOCAL</b>				
	+1. Country and Zone Presidents with local commitments that impact their communities	0%	100%	100%

\* Per Schneider Electric definition and methodology

<sup>1</sup> 2021 baseline, 3/10, 2025 target 10/10 <sup>2</sup> Baseline 2019 <sup>3</sup> Cumulated since 2018 <sup>4</sup> Baseline 2022 <sup>5</sup> Baseline 2021 <sup>6</sup> Cumulated since 2008 <sup>7</sup> Cumulated since 2009



# Local Commitments - Portugal

## Biodiversity



Engaging in **voluntary** initiatives and **raising awareness** about **biodiversity** protection

## Circular Economy



**Donations of products** through a digital platform to non-profit organizations, NGOs and schools

## Access to energy



Collaboration on a project to **rehabilitate homes** in conditions of **energy poverty**





# The path to net-zero buildings



## STRATEGIZE

- **MEASURE** enterprise baseline
- **CREATE** decarbonization roadmap
- **STRUCTURE** program & governance
- **COMMUNICATE** commitment
- **ENGAGE** value chain



## DIGITIZE

- **MONITOR** resource usage & emissions
- **IDENTIFY** saving opportunities
- **REPORT** and benchmark progress



## DECARBONIZE

- **ELECTRIFY** operations
- **REDUCE** energy use
- **REPLACE** energy source



# Case Study | Le Hive – Schneider Electric Paris headquarters

## Case Study | Le Hive

In 2008, Schneider Electric began leasing a 35,000m<sup>2</sup> facility to act as the Paris headquarters. The facility team quickly determined that the HVAC system was oversized and wasting energy, a problem common in many buildings.

One key management goal was to ensure that any retrofit project would bring an expected payback within the building's term lease.





# Le Hive - Step 1



STRATEGIZE

## Strategic Goals

- 2009 – Set net-zero trajectory to align with corporate commitments.
- Build the case – A sustainability retrofit would demonstrate that a newer, inefficient facility can achieve significant financial and non-financial performance improvements without modifying the building envelope.
- Key financial requirement - accelerate payback on efficiency investments within the 5-year lease term.
- Minimum disruption - ensure seamless retrofitting without bothering occupants.







# Le Hive - Step 2



**DIGITIZE**

- Performance **baseline** set by measuring the pre-renovation **energy and CO2 consumption**.
- **3.500 connected products** were configured to **monitor and control 30.000 points** throughout the facility to help manage energy, HVAC, lighting, blinds.
- New focus was created on **reducing energy consumption**

Actions	Investments k€	Annual Savings k€	Payback
Ambient temperature adjustment	24	21	1 yr
Awareness actions	10	5	2 yr
Management of cold and heat productions	9	2	4 yr
Fresh air management	180	45	4 yr
Lighting management	42	8	5 yr

## Financial results – ROI in < 5-year lease term

- 50% annual reduction in energy consumption, from 150 kWh/m<sup>2</sup>/year in 2009 to 74 kWh/m<sup>2</sup>/year in 2014 (with continuous energy management year-over-year resulting in 45 kWh/m<sup>2</sup>/year).
- Reduced energy cost by 38% (HVAC, lighting, water temperature) in office spaces.

## Non-financial results

- First building in the world with ISO 5001 compliance.
- Improved equipment reliability and resilience enabled by condition-based maintenance.
- Reduced CO<sub>2</sub> footprint by 44%.
- Improved productivity with a modern BMS to help decrease maintenance backlog, frequency, and the number of critical interventions.



# Le Hive - Step 3



DECARBONIZE

From 2015 through 2017, action was taken on two major renewable energy projects.

Actions	Investments k€	Annual consumption savings %	Payback
HVAC optimization	120	14%	7 years
Photovoltaic	630	7%	14 years
Geothermal	1300	9%	11 years

### Financial results

Further reduction in energy consumption, from 150 kWh/m<sup>2</sup>/year in 2009 to 43 kWh/m<sup>2</sup>/year in 2021.

### Non-financial results

- Achieved additional CO<sub>2</sub> footprint reduction, reaching 76% from the baseline
- On-site energy generation supplies the majority of total consumption: solar/PV (20%), geothermal (50%).
- Participation in grid response management program leverages renewable microgrid.
- Gained LEED Platinum and BREEAM building certificate.

Life Is On

