

# Sustainability: Our path to Net Zero


Intro to Schneider Electric – your Digital Partner in Sustainability and Efficiency

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**Our purpose is to empower all to  
make the most of our energy and resources  
bridging progress and sustainability for all.  
At Schneider, we call this Life Is On.**

**Our mission is to be your digital partner for  
Sustainability and Efficiency.**



# Three years of challenges and accelerations

**COVID-19**

**Digitization**

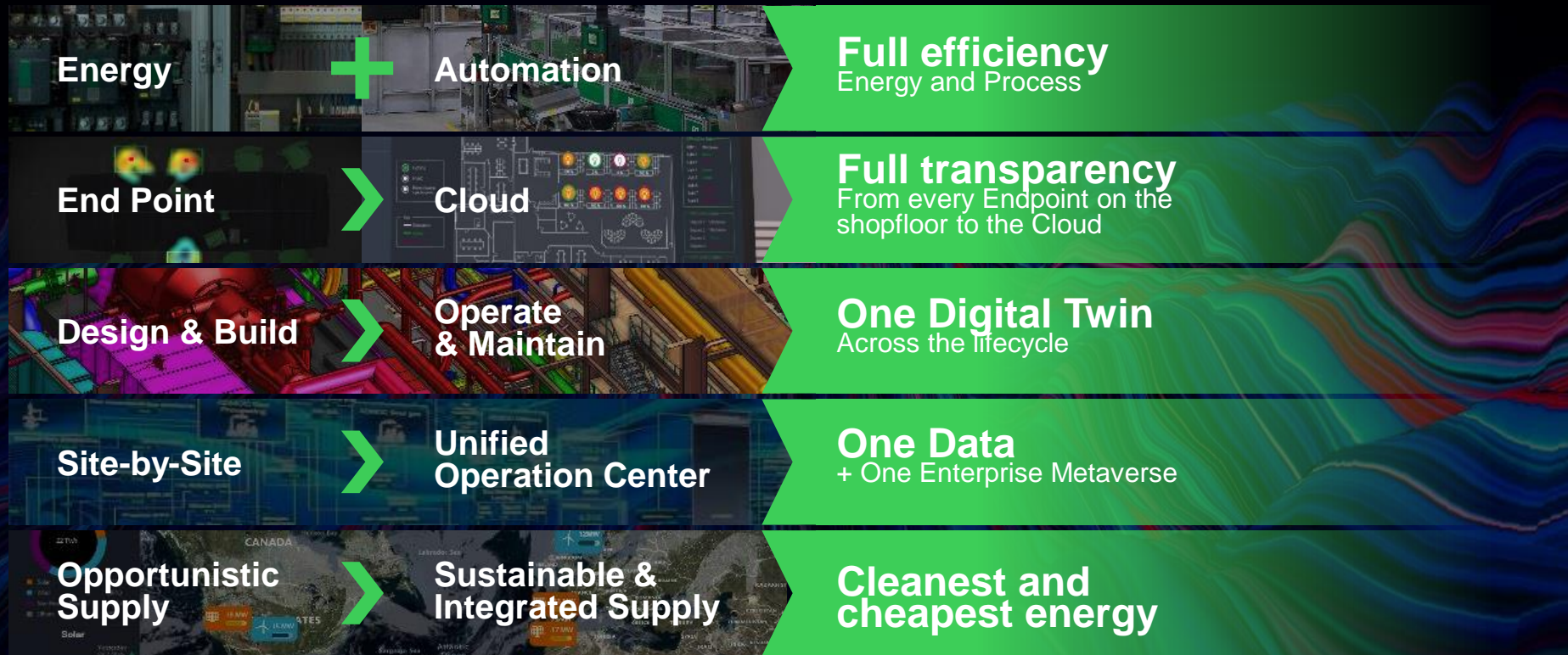
**Energy  
Transition**

**Electrification**

**Climate  
Impacts**

**Sustainability**

# Five Integrations disrupting efficiency







# Net-Zero Roadmap: across all scopes



<b>2025</b>	Supplier decarbonization Green materials & packaging	Carbon neutral operations (including CO <sub>2</sub> offsets)	EcoDesign™ new offers	Saved and avoided emissions to our customers	<b>-800 million tCO<sub>2</sub>e 2018-2025</b>
<b>2030*</b>		"Net-Zero ready operations" (90% reduction target and CO <sub>2</sub> offsets for residual emissions)			<b>-25% absolute reduction across value chain</b>
<b>2040</b>	End-to-end carbon neutral value chain (including CO <sub>2</sub> offsets)				
<b>2050*</b>	Net-Zero CO <sub>2</sub> value chain (90% reduction target and CO <sub>2</sub> removals for residual emissions)				

\* 2030 and 2050 targets are aligned with



SCIENCE  
BASED  
TARGETS

Corporate Net-Zero Standard

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Life Is On



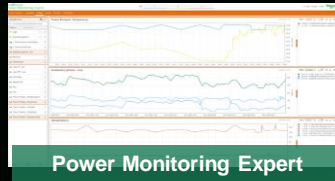
# Climate – scope 1 & 2 decarbonization

## Program target

- **By 2025:** operational CO2 reduction (Scope 1&2 energy + SF6 for environment and energy reporting scope) achieve -80% reduction compared with 2017; 150 Zero CO2 sites; 90% renewable electricity; 15% energy efficiency improvement
- **By 2030:** net-zero ready operations, -90% emission reduction in 2030, compared with 2017 baseline

## Digital tools

- **Sustainable cockpit:** one stop place to view site, region and global level performance
- Energy data digitally monitored in **PME**



## Local Decarbonization Actions

### Europe Onsite Solar:

- **~50 sites in 3 waves** to deploy onsite PV, either in parking area or on top of the building rooftops for self-consumption
- **Showcase of SE Solutions:** EcoStruxure Microgrid software, inverters, LV/MV equipment



Carros, France, 663 MWh/year



SET Manisa, Turkey, 460 MWh/year

## Decarbonization roadmap & Capex Governance

- ALL GSC sites have clear **decarbonization roadmap towards 2030** with detailed projects and action plans
- **Decarbonization Capex** managed as a dedicated budget to secure and prioritize decarbonization investment, focus on **electrification projects**

K  
P  
I

101

Zero CO2 sites<sup>1</sup>

-13.2%

Energy efficiency<sup>1</sup>

88%

Renewable electricity<sup>1</sup>

1. Data by Q3 2023, 2023 full year results will be published in mid Feb 2023

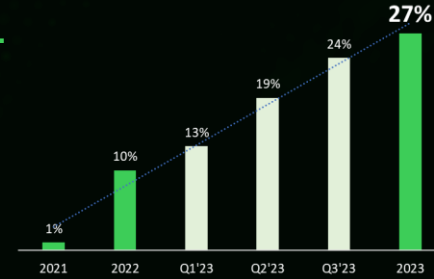
# Scope 3 Decarbonization: The Zero Carbon Project (TZCP)

Aim: 50% reduction of operational emission of top 1000 suppliers in 5 yrs.

## Program context:

- 1000 suppliers spread across more than 50 countries, supplying more than 65 categories of goods
- 70% of suppliers new to decarbonization and 2/3<sup>rd</sup> small & medium scale enterprises (capacity constraint)

## Implementation Timeline



## Decarbonization progress

### Decarbonization KPI

**27%**

average carbon reduction EoY23 vs 25% ambition

### Participants

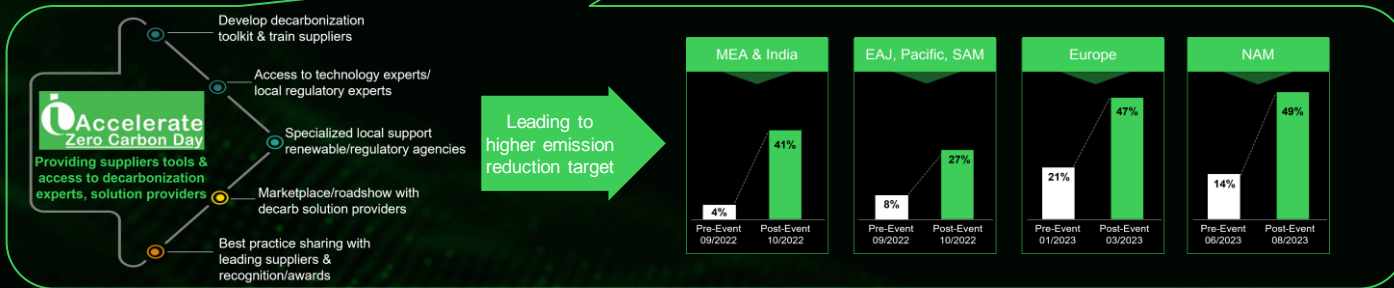
**1,015**

active suppliers

### Carbon footprint

**99%**

Life Is suppliers computed their GHG emissions



[Supplier Testimony Video Link](#)

# We continue to accelerate our commitment to Sustainability

Leading  
ESG by  
example  
in our  
ecosystem

Be the digital  
partner for  
Sustainability  
and Efficiency  
for our customers



# Our unique value proposition

is to support our customers on climate, from strategy setting to execution

3-step  
approach



**STRATEGIZE**

Major  
steps  
involved

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



**DIGITIZE**

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



**DECARBONIZE**

- **ELECTRIFY** operations
- **REDUCE** energy use
- **REPLACE** energy source
- **ENGAGE** value chain

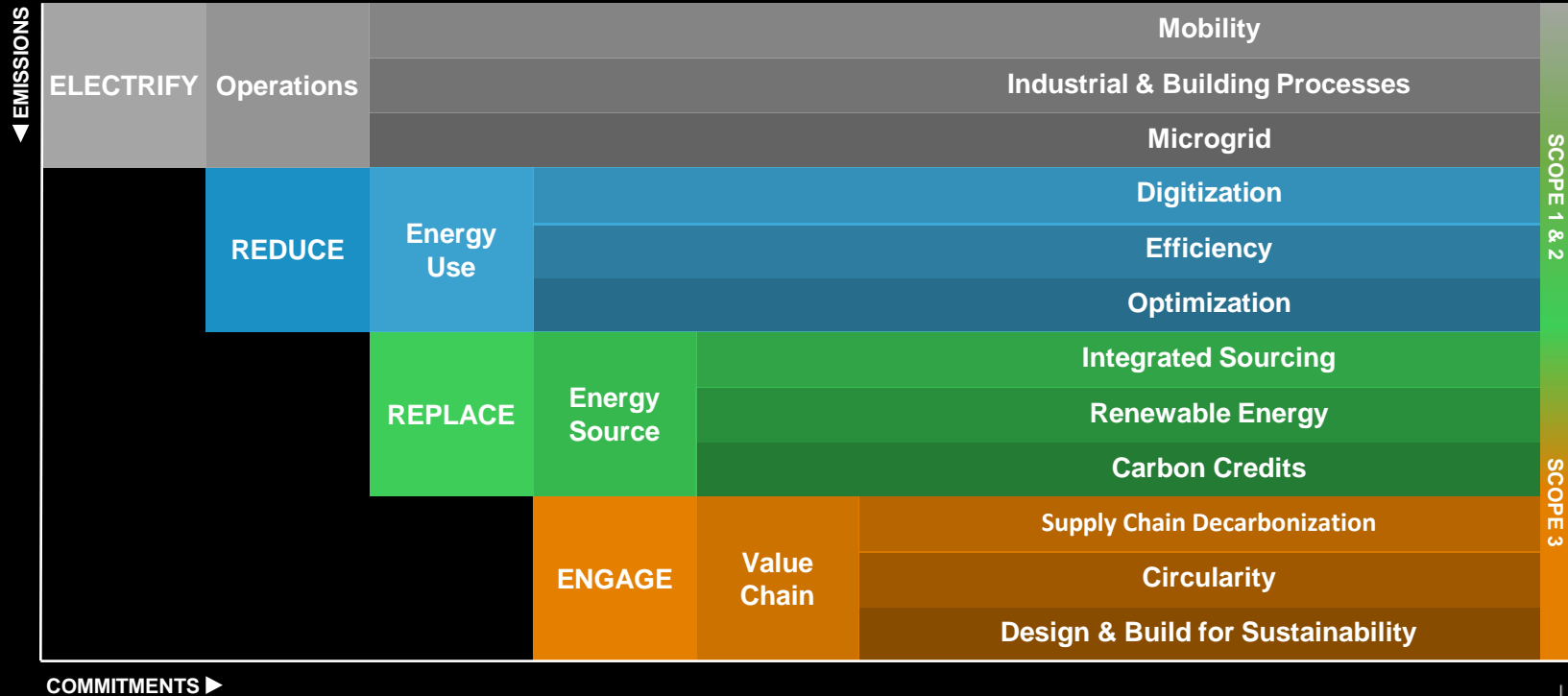
Schneider  
Solutions

**Consulting**  
(Agnostic)

**Digital Platform & Services**  
(EcoStruxure Resource Advisor)  
(Neo-Network)

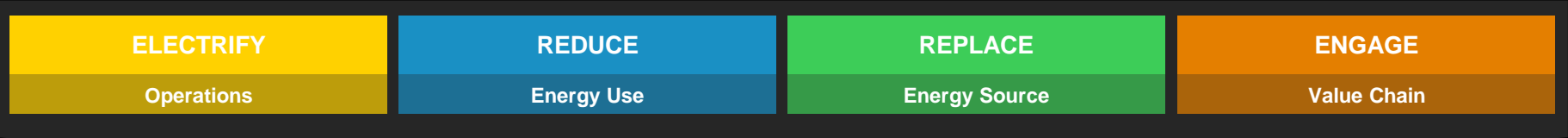
**SE Solutions + Partner Ecosystem**  
(Energy efficiency  
Electrification / Smart grid  
Green Premium products  
Services for circularity)

# Take action on your decarbonization strategy through practical decarbonization levers

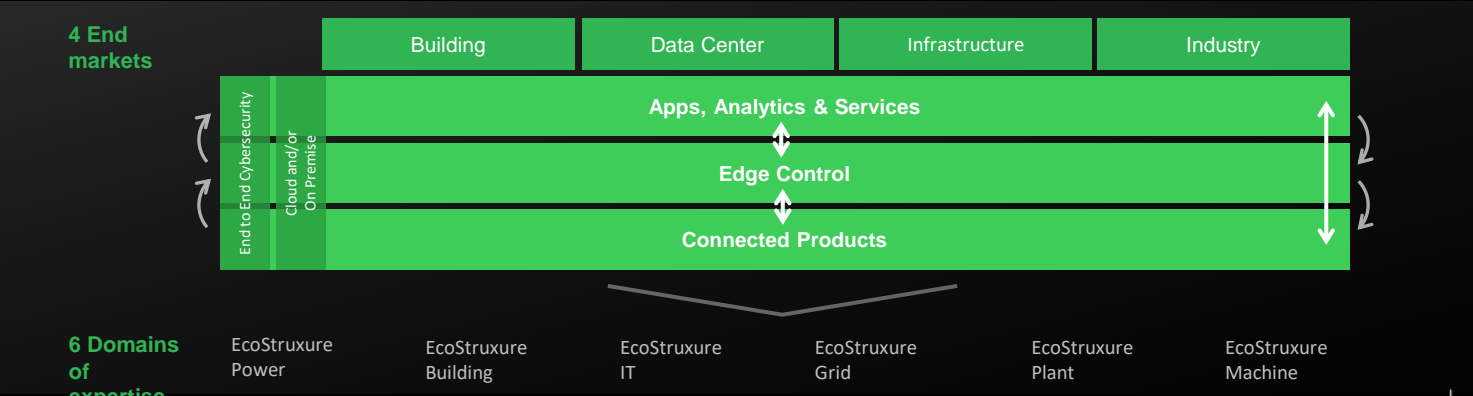
















# Accelerate your decarbonization journey through digital transformation using EcoStruxure



Frictionless and seamless experience

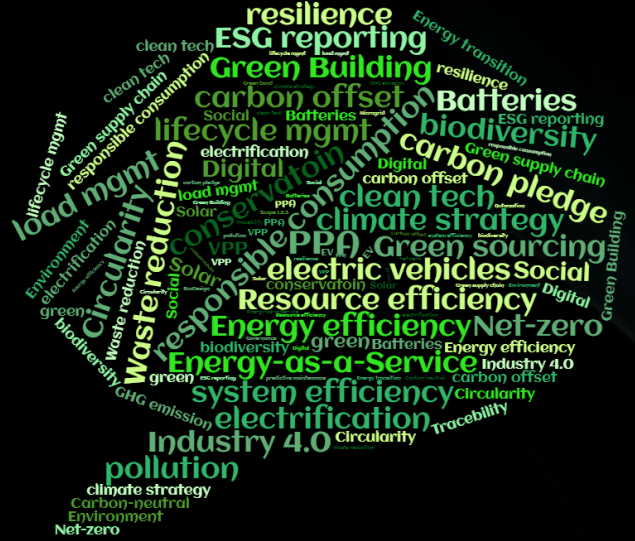


# Complete portfolio of proven, digitally-enabled solutions to execute Decarbonization roadmap

ELECTRIFY Operations	REDUCE Energy Use	REPLACE Energy Source	ENGAGE Value Chain
<p><b>Mobility</b></p>  <p>EV Solutions</p>	<p><b>Digitization</b></p>  <p>Power Logic Power Meters   EcoStruxure Power   Home automation <b>Wi2Per</b></p>	<p><b>Integrated Sourcing</b></p>  <p>Energy Portfolio Management</p>	<p><b>Supplier Chain Decarbonization</b></p>  <p>NEO Network Platform</p>
<p><b>Industrial &amp; Building Process</b></p>  <p>Electricity 4.0   Consulting   Industry 4.0</p>	<p><b>Efficiency</b></p>  <p>AirSet SF6-Free Switchgear   UPS   Altivar Variable Speed Drives</p>	<p><b>Renewable Energy</b></p>  <p>Power Purchase Agreement (PPA)</p>	<p><b>Circularity</b></p>  <p>EcoFIT™ Retrofit services</p>
<p><b>Microgrid</b></p>  <p>EcoStruxure Microgrid Operation</p>	<p><b>Optimization</b></p>  <p>EcoStruxure Plant &amp; Building Advisor   Unified Operations Center <b>AVEVA</b></p>	<p><b>Carbon Credits</b></p>  <p>Market Strategy &amp; Advisory</p>	<p><b>Design &amp; Build for Sustainability</b></p>  <p>MTWO Construction Cloud Software   <b>RIB etap</b>   Plant Design <b>AVEVA</b></p>



# We are uniquely positioned to help customers navigate the complex Sustainability landscape and provide end-to-end solution



Sustainability consulting

<b>EcoTruxure</b>	Buildings of the Future Industry 4.0 Smart Grid
<b>Software</b>	Design → Build → Maintain
<b>ESS</b>	Design → Build → Maintain
<b>Prosumer</b>	Energy-as-a-Service Microgrid



Life Is On

**Schneider**  
Electric