

How Schneider Electric supports each ambition of the Biden-Harris Climate Plan

At Schneider Electric™, we are ready to support the Biden administration on its mission to achieve net-zero U.S. emissions by 2050. As the world's most sustainable company,¹ Schneider Electric is driving progress in both the public and private sectors on climate risk mitigation, digitalized infrastructure, electrification and energy resiliency, renewable energy and cleantech adoption (including EV and microgrid technologies), and other components of the Biden-Harris Climate Plan.

Biden-Harris plan ambition

How our capabilities, expertise, and track record align

Achieve net-zero targets

Ensure the U.S. achieves a 100% clean energy economy and reaches net-zero emissions no later than 2050

How we're achieving this at Schneider Electric:

- Carbon-neutral operations by 2025 (Scopes 1 and 2 with offsets)
- [100% renewable electricity, 100% EV fleet, and net-zero operational emissions by 2030](#)
- Net-zero supply chain by 2050
- Inaugural winner of the Climate Group's "[Renewable Energy Trailblazer](#)" 2020 Award

How we support clients:

- World's largest corporate renewable energy advisor with 60% market share in U.S. and 125M tons of CO2 managed annually
- Advising numerous Fortune 500 companies on climate action, including [Clorox®](#), [T-Mobile®](#), and [PepsiCo](#)
- Launched the world's first [climate change](#) and [supply chain decarbonization](#) advisory services in 2021

Success story:

[Discover how we're helping Walmart's U.S. suppliers procure renewable energy in the company's pursuit of avoiding 1 billion tons of CO₂ emissions by 2030](#)

Build a stronger, more resilient nation

Make investments in smart infrastructure for buildings, water, transportation, and energy

Sectors where we're bolstering resilience with digitalized, intelligent infrastructure solutions:

- [Energy infrastructure](#)
- [Water and wastewater plants](#)
- [Healthcare](#)
- [Government and education](#)
- [Data centers](#)
- [Transportation, airports, and ports](#)
- [Buildings](#)
- [Industry](#)

Case study:

[Read how we're delivering resilient microgrid power to the critical response facility at the U.S.' second-busiest port](#)

¹ "2021 Global 100 Ranking," Corporate Knights.

Biden-Harris plan ambition**How our capabilities, expertise, and track record align****Rally the rest of the world to meet the threat of climate change**

Lead internationally by encouraging all countries' domestic climate targets

How we're advancing climate efforts globally:

- Launched the world's first [corporate sustainability barometer](#) in 2005, leading the industry on ESG reporting
- Working with customers in 100 countries to lower carbon emissions, while participating in policy and national security spaces
- Member of [all three](#) of the Climate Group's global corporate partnerships: Renewable Energy 100 (RE100), Electric Vehicles 100 (EV100), and Energy Productivity 100 (EP100)
- Enabled our customers to avoid [120 million tons](#) of CO₂ emissions globally from 2018 – 2021, with a goal of 800 million tons by 2025, using EcoStruxure™, our core solution

Success story:

[Find out why we're renewable energy trailblazers in the global business community](#)

Create resilient and sustainable federal installations

Commit that every federal infrastructure investment reduces climate pollution, while ensuring resiliency and mission-readiness

How we're collaborating with the federal government to digitalize and decarbonize federal infrastructure:

- Enabled [MCAS Miramar](#) to become one of the most sustainable and energy-secure facilities in the Department of Defense by providing secure, digitally enabled microgrids that cover 100% of the electricity needs for over 100 mission-critical buildings
- Empowered [Edwards Air Force Base](#) to achieve 18.1% energy consumption savings and earn utility credits as high as \$20,000 per week
- Delivered [process solutions](#) to Los Alamos National Laboratory, helping its Neutron Science Center maintain reliable operating conditions

Case study:

[Discover how we helped two U.S. naval bases achieve \\$114M in guaranteed energy savings via renewable energy access and other improvements](#)

Accelerate the deployment of electric vehicles

Electrify the federal fleet and support the deployment of more than 500,000 new public charging outlets by the end of 2030

How we're working with startups and major U.S. corporations alike to advance electric fleets and vehicles:

- Partnered with [PACCAR](#) trucking to provide charging infrastructure and energy management solutions "beyond the charger"
- Close ties to startup world and [EV incubators](#)
- [Total lifecycle coverage](#) of EV charging infrastructure, including microgrids and power distribution

Success story:

[Read more on how we're partnering with PACCAR to electrify trucking fleets across the country](#)

Biden-Harris plan ambition**How our capabilities, expertise, and track record align****Let American states and cities lead by example**

Create public-private partnerships to modernize public infrastructure without using taxpayer funds

How we've digitalized and decarbonized public infrastructure across the country:

- Delivered \$2.8 billion in utility and operational cost savings for federal, state, and local public entities through 800+ public-private partnerships, including [performance contracting](#) and [Energy as a Service](#)
- [Generated \\$20M in energy savings](#) for the City of Sierra Vista, AZ through infrastructure modernization projects
- Enabled South Carolina's Richland County School District One to [save \\$28M on energy](#) costs and make school buildings healthier at the same time

Learn more:

Discover how our joint venture initiatives [AlphaStruxure](#) and [GreenStruxure](#) provide innovative Energy as a Service financing models that eliminate upfront costs

Improve the energy efficiency of buildings

Set a target of reducing the carbon footprint of the U.S. building stock 50% by 2035

How we've been advancing net-zero and low-carbon buildings around the world:

- We help [hotels](#), [universities](#), and other building owners manage energy intelligently and efficiently
- Our [software portfolio](#) is uniquely able to digitalize and enhance efficiency across the entire building lifecycle, from design to build to operate — helping to measure and conserve resources
- Demonstrated the ability to reduce energy costs in existing buildings by up to 30%²

Case study:

Discover how our building solutions support some of the world's most [sustainable commercial real estate](#)

Sustainable farming

Invest in and advance climate-friendly farming

How we're advancing resource efficiency and solutions for agricultural and vertical / indoor farming industries:

- Deep expertise in SCADA technology and cloud-based analytics that can [reduce irrigation system water use by up to 50%](#)
- Solutions provider for battery storage, switchgear, and advanced controls in [highly autonomous indoor farms](#)
- Enabled one grower to [increase yield by 20x](#) using our industrial automation solutions

Success story:

[Learn more about how we're delivering a 1.75 MW microgrid for Fifth Season's 60,000 square foot urban farm](#)

² "Schneider Electric Universal Registration Document 2019".

Biden-Harris plan ambition

Build a competitive and low-carbon future in manufacturing

Enact a national strategy to develop and invest in the low-carbon manufacturing sector in every state

How our capabilities, expertise, and track record align

How we're advancing decarbonization and global competitiveness in U.S. manufacturing:

- Industry leader for open-protocol, software-centric automation that enables brownfield sites to modernize, decarbonize, and digitalize without major overhauls
- Walking the walk with our 62-year-old factory in Lexington, KY, now recognized as one of the world's most advanced factories, thanks to modernization efforts
- Deep domain expertise in advancing sustainability and delivering IoT-enabled infrastructure to Fortune 500 companies across a variety of manufacturing contexts, including semiconductors, appliance manufacturing, chemicals, and more

Success story:

[Watch how we helped Whirlpool drive renewable energy use and \\$1M in savings from resource efficiency at its U.S. manufacturing sites](#)

Affordable access to energy for all

Drive initiatives to promote equitable access to energy and support areas impacted by natural disasters

How we advance access to energy for all, across the world:

- Delivered energy management training to 400,000 underprivileged people globally as of 2020 and will open up access to energy for 80M people globally by 2030
- Core focus of our U.S. charitable foundation is access to energy and support for Footprint Project's "build back better" efforts
- Delivered emergency power during rolling blackouts during a California heat wave via microgrid at Miramar MCAS

Success story:

[Discover how our microgrid solutions bolstered resiliency and delivered access to energy following Hurricane Maria in Puerto Rico](#)

For further information on how Schneider Electric can support the Biden-Harris Climate Plan, and to get in touch with our Government Relations team, visit:

se.com/us/policy

Life Is On

