SIEMENS

Siemens Impact 2025

Scaling sustainability impact

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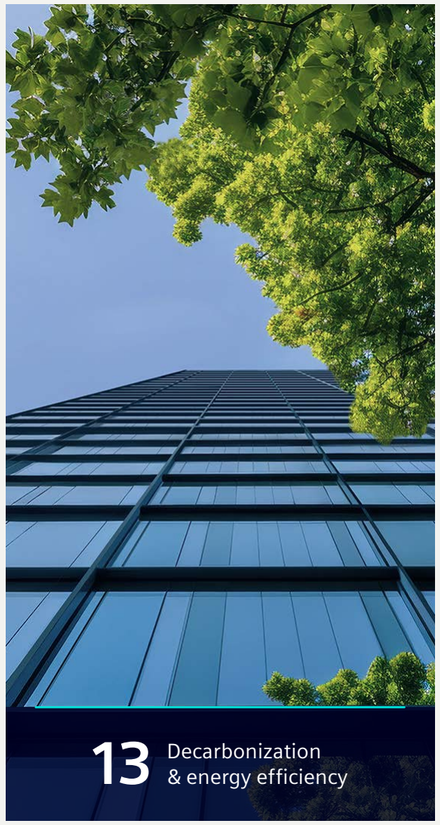

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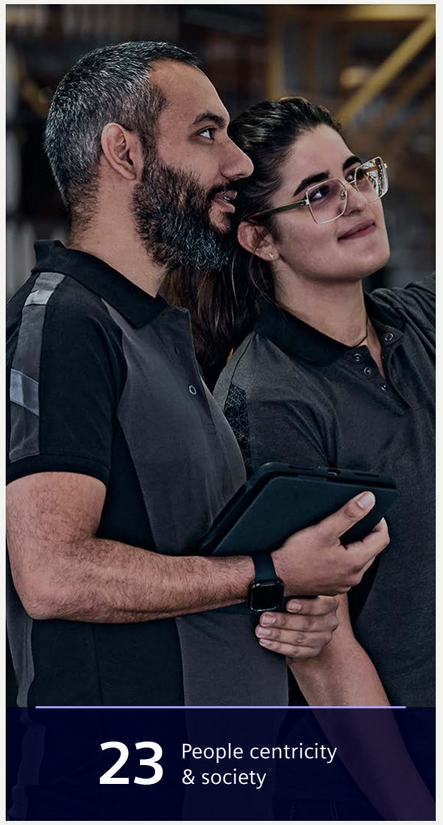

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Siemens Impact 2025 summarizes our sustainability highlights of the year. Siemens Impact 2025 applies to all Siemens affiliated companies, without Siemens Healthineers (SHS). In 2025, we published our first Sustainability Statement under the **EU Corporate Sustainability Reporting Directive (CSRD)**, in accordance with the European Sustainability Reporting Standards (ESRS).

We transform the everyday, for everyone.

At Siemens, we create technology that transforms the everyday, for everyone. Our innovations are embedded in the fabric of modern life, helping industry, infrastructure, and mobility become more competitive, resilient, and sustainable.

As a leading technology company, Siemens is uniquely positioned to scale sustainability impact across key impact areas – decarbonization & energy efficiency, resource efficiency & circularity, and people centricity & society. This is how we shape challenge into opportunity, and ambition into measurable action. Not someday but now.

Foreword

Leading transformation with technology

Humankind is at an inflection point

Two historic transformations are reshaping our world: the shift from fossil fuels to renewables, and the shift from a linear economy to a circular one.

Alongside digitalization, these transformations will define this century. And they require a unified approach—one that decarbonizes our energy systems while reimagining how we design, use, and reuse everything we make.

For those who succeed, the payoff will be immense.

Organizations that can operationalize their sustainability strategies with speed and scale will be the organizations that realize growth and resilience. At Siemens, we empower our customers to do just that—helping them become more competitive, resilient, and sustainable.

We empower our customers by combining the real and the digital worlds

From the factories where products are made to the buildings where we live and work, from the trains that connect our cities to the grids that power them—Siemens is woven into the fabric of societal infrastructure.

But this infrastructure is increasingly under pressure. What happens if it buckles under the surge of urbanization? Or if we exhaust the resources that keep it running? Building resilient systems isn't just about keeping our world running, it's about enabling a more sustainable future.

Humanity now not only understands these stakes but also has the technology to do something about it. Technology with purpose, technology for impact:

- **Industrial AI** transforms industrial data into insights that make industry, infrastructure and mobility smarter and more efficient.
- **Digital Twins** allow us to integrate feedback loops that make products and processes using less energy and resources - become circular by design.

Our contribution to the transformation is evident in the real-world impact we create with our customers.

Our Impact areas

More than 90% of our business enables our customers to achieve a positive sustainability impact across three impact areas: decarbonization and energy efficiency, resource efficiency and circularity, and people centricity and society.

Importantly, the impact is not just on our own business—but for our customers and, ultimately, for our planet and society.

- **Decarbonization and energy efficiency**
  We achieved remarkable success on our ongoing decarbonization journey with a 66% reduction of CO_2e emissions in our own operations since 2019.

  We set the ambitious target of enabling our customers to avoid emissions of 1,000 megatons—that's about 1.5 times Germany's annual emissions—by 2030. Through software and hardware enabling energy efficiency, the integration of renewables, and electrification, we're well on our way to achieving this target.

  As of 2025, our cumulative customer avoided emissions stand at 694 million metric tons of CO_2e, quantifying the positive impact of our offerings sold over their lifetime. Additionally, we enabled—for the second straight year—customers to avoid more emissions than we caused along our entire value chain.

Dr. Roland Busch
Chief Executive Officer

Judith Wiese
Chief People and Sustainability Officer

Foreword

- **Resource efficiency and circularity**
  We are decoupling growth from resource consumption.

  We do this by creating technologies that extend asset lifecycles, while enhancing performance, availability, and utilization. We also focus on optimizing resource use, eliminating waste, and conserving water and biodiversity.

  And we lead by example: Our **Robust Eco Design** approach covers 67% of our relevant hardware, software, and service portfolio in fiscal 2025.

- **People centricity and society**
  We believe that technology is only as powerful as it is accessible.

  That's why we are working to empower 3 million people by 2030, via learning offerings on digitalization and sustainability. In fiscal 2025, we already reached 1.1 million people in our business ecosystem and society.

  At Siemens, we embrace a growth mindset—staying curious, staying agile. We empower our people to grow, to gain not just the skills for today, but the skills for life. To stay ready for the future. We support diverse teams, foster equitable opportunities and an inclusive workplace, and support work well-being to ensure our people and our business remain resilient and relevant in ever-evolving environments.

Foundation of ethics and governance

Delivering this kind of impact requires more than technology - it demands rigorous accountability, too. We are upholding robust ethical standards, transparent governance practices and regulatory compliance to ensure responsible, sustainable growth.

We aim to cover 100% of relevant applications with cybersecurity **Siemens Zero Trust** principles, accelerating our cybersecurity resilience, and achieved a coverage of 62% in fiscal 2025. At Siemens, we take environmental and social requirements seriously and set ourselves ambitious targets—like our commitment to increasing our EU Taxonomy revenue alignment rate: In fiscal 2025, more than half (52%) of eligible Siemens revenue meets high EU Taxonomy standards for climate change mitigation and circularity, underlining Siemens' relevance for sustainable transformation.

We measure our impact through our comprehensive **DEGREE targets**. DEGREE not only quantifies our environmental and social impact, it embeds our values in our ways of working and operationalizes our sustainability targets through delivering proof points for measurable progress and impact.

And it's working. We're making our customers—and ourselves—more sustainable every day. EcoVadis awarded us the Platinum medal in 2025 with a record score of 86 points, placing us in the top 1% of ~130,000 companies assessed worldwide. Additionally, CDP placed us on the A lists for Climate Change and Supplier Engagement, and we received an AAA score from MSCI ESG Rating.

Why now

We are living in the rare moment where technological capability, economic incentive, and environmental necessity converge. We have AI-powered technologies to enable sustainability at scale. The estimated cost of doing nothing is around 5 times higher than the cost of taking action. Investing ~$266 trillion until 2050 in climate change mitigation will secure a livable planet through the end of the century.[1] And, after breaching yet another planetary boundary, the urgency is impossible to ignore.

We must work collectively, accountably, to preserve the health of our planet and people. And Siemens is uniquely positioned to help our customers rise to the challenge. With a collaborative ecosystem and technologies that enable decarbonization and circularity at scale, we are proud to catalyze a more sustainable global economy for generations to come.

[1] Climate Policy Initiative, 2024

Note: Calculation based on revenue. <10% is excluded as it relates to products that contain SF6-gas or stems from business with sectors like oil and gas, coal mining, or coal power generation.

2025 in a nutshell

694 mn
metric tons of CO_2e emissions avoided by customers

14 new
DEGREE targets 2030 launched

2x
number of products being part of our Siemens EcoTech performance declaration

86 ecovadis
Platinum medal awarded (Top 1% of all companies assessed)

A CDP
Over 10 years at leadership level (A/A-) in Climate Change and Supplier Engagement (SEA)

€6.6 bn
R&D investments in fiscal 2025 to drive digital and sustainable innovation

Strategic approach

Strengthening society through technology and innovation

Scaling impact across industry, infrastructure, and mobility.

Staying ahead means constant reinvention. Our long-term success comes from knowing when to adapt and when to push for bold, transformative change. That moment is now, and we are moving forward from a position of strength.

Today, our technologies are everywhere, behind the scenes enabling everyday life. We empower industries worldwide, the backbone of our economies. But to navigate economic volatility, geopolitical instability, technological disruption—and to reduce their environmental footprint—these same industries must transform.

Our technologies enable our customers to do just that.

When it comes to our shareholders, we are laying the foundation for long-term value. For society, we are delivering on our purpose more powerfully than ever: to create technology to transform the everyday, for everyone.

Sustainability is built into how we plan and make decisions. Teams across departments, businesses, and countries work together to shape our policies and operations. At the highest levels, sustainability is a key part of strategic choices, guiding where we invest and how we develop technology. It helps us manage risks, spot new opportunities, and build a more resilient business for the long run.

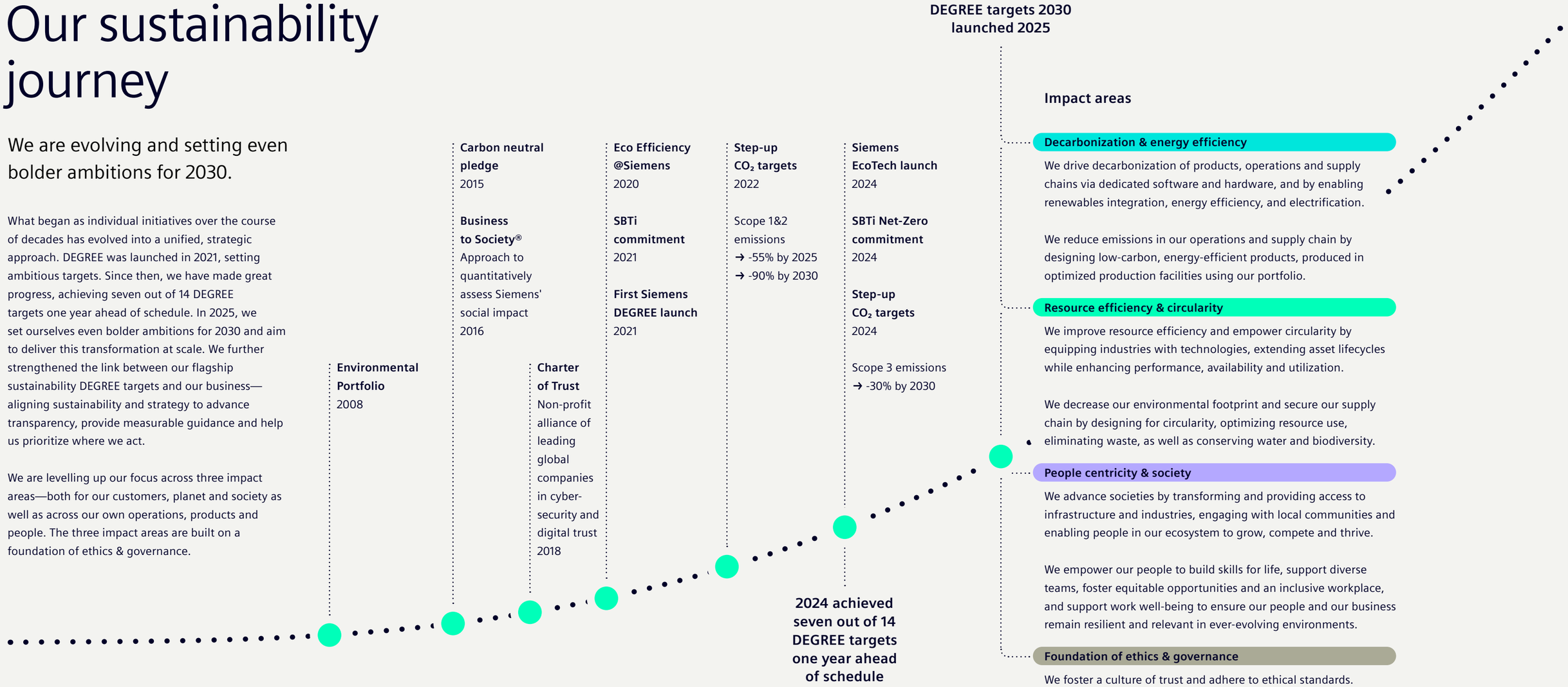
Strategic approach

Our sustainability journey

We are evolving and setting even bolder ambitions for 2030.

What began as individual initiatives over the course of decades has evolved into a unified, strategic approach. DEGREE was launched in 2021, setting ambitious targets. Since then, we have made great progress, achieving seven out of 14 DEGREE targets one year ahead of schedule. In 2025, we set ourselves even bolder ambitions for 2030 and aim to deliver this transformation at scale. We further strengthened the link between our flagship sustainability DEGREE targets and our business—aligning sustainability and strategy to advance transparency, provide measurable guidance and help us prioritize where we act.

We are levelling up our focus across three impact areas—both for our customers, planet and society as well as across our own operations, products and people. The three impact areas are built on a foundation of ethics & governance.



Impact areas

Decarbonization & energy efficiency

We drive decarbonization of products, operations and supply chains via dedicated software and hardware, and by enabling renewables integration, energy efficiency, and electrification.

We reduce emissions in our operations and supply chain by designing low-carbon, energy-efficient products, produced in optimized production facilities using our portfolio.

Resource efficiency & circularity

We improve resource efficiency and empower circularity by equipping industries with technologies, extending asset lifecycles while enhancing performance, availability and utilization.

We decrease our environmental footprint and secure our supply chain by designing for circularity, optimizing resource use, eliminating waste, as well as conserving water and biodiversity.

People centricity & society

We advance societies by transforming and providing access to infrastructure and industries, engaging with local communities and enabling people in our ecosystem to grow, compete and thrive.

We empower our people to build skills for life, support diverse teams, foster equitable opportunities and an inclusive workplace, and support work well-being to ensure our people and our business remain resilient and relevant in ever-evolving environments.

Foundation of ethics & governance

We foster a culture of trust and adhere to ethical standards.

Strategic approach

Delivering on our targets

To effectively measure sustainability impact, our defined impact areas and material matters have been translated into dedicated sustainability target frameworks actively addressing the underlying impacts, risks and opportunities. We hold ourselves accountable through DEGREE targets and further targets to ensure meaningful progress. The DEGREE targets include strategic targets that will guide our sustainability performance and enable consistent steering across our impact areas.

DEGREE keeps on evolving, and as our key ambitions move into an ordinary course of doing business, we will move them into our general reporting until they have been met. This frees up new space for new DEGREE targets in the future.

> DEGREE is how we deliver impact, guide performance and embed our values in everything we do.

Eva Riesenhuber
Global Head of Sustainability

DEGREE targets 2030 – how we measure impact

Decarbonization & energy efficiency

Scope 1&2
Reduce emissions by 90% and compensate residual emissions
PROGRESS FY25: -66%
Baseline: 691 kt CO_2e FY19 | Target: -90%

Total Scope 3
Reduce by 30% by 2030 and achieve net-zero by 2050
PROGRESS FY25: -11%
Baseline: 175 Mt CO_2e FY19 | Target: -30% & net-zero

Customer Avoided Emissions
Achieve >1,000 Mt CO_2e cumulatively
PROGRESS FY25: 694 Mt
Baseline: 264 Mt CO_2e FY23 | Target: >1,000 Mt

Ethics & Governance

Siemens Integrity Initiative
Fight corruption globally by training 50,000 people and implement 30 Collective Action initiatives
PROGRESS FY25: 25%
Baseline: 0% FY24 | Target: 100%

Cybersecurity
Cover 100% of our relevant applications with Siemens Zero Trust
PROGRESS FY25: 62%
Baseline: 16% FY24 | Target: 100%

EU Taxonomy
Increase our EU Taxonomy revenue alignment rate
PROGRESS FY25: 52%
Baseline: 45.6% FY24 | Target: >45.6%

Resource efficiency & circularity

Robust Eco Design
Achieve 100% of relevant hardware, software, and service portfolio
PROGRESS FY25: 67%
Baseline: 16% FY21 | Target: 100%

Waste to landfill
Support circularity by pursuing zero waste to landfill
PROGRESS FY25: 52%
Baseline: 0% FY21 | Target: 100%

Biodiversity
Implement a conservation program at 100% of our relevant sites
PROGRESS FY25: 55%
Baseline: 18% FY24 | Target: 100%

People centricity & society / Equity Employability

Pay equity
Pursue pay equity by reducing the global adjusted pay gap[1]
PROGRESS FY25: 2.0%
Baseline: 2.5% FY24 | Target: <2.5%

Inclusion level
Sustain an inclusion level above 80%
PROGRESS FY25: 78%
Baseline: 80% FY24 | Target: >80%

Work Well-being Score
Maintain a Work Well-being Score above 80
PROGRESS FY25: 84
Baseline: 84 FY24 | Target: >80

Total learning hours
Increase our average total annual learning hours to 40 per person
PROGRESS FY25: 36.6h
Baseline: 34.2h | Target: 40h

External learning reach
Reach 3 million people in our business ecosystem and society with our learning offerings focused on digitalization and sustainability
PROGRESS FY25: 1.12 m
Baseline: 578k FY24 | Target: 3 million

Targets with recurring circle symbol should be achieved every year

[1] Consistent with applicable law

View the full sustainability target framework

Spotlight

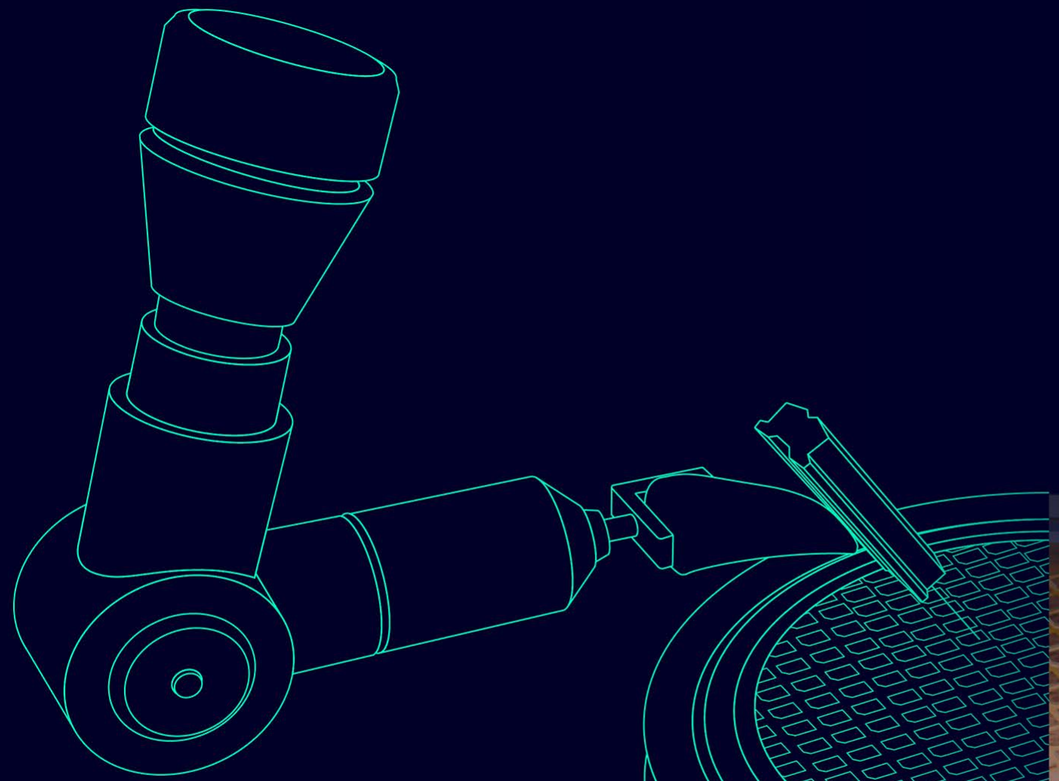
Engineering better outcomes with digital twins and AI

Smarter systems are reshaping industry with faster decisions and fewer emissions.

Across industries, organizations are under pressure to reduce waste, lower emissions, and boost performance throughout the value chain. Doing so means rethinking how we design, operate, and maintain the systems we rely on every day.

A digital twin is a digital representation of a physical asset or process that evolves over the lifecycle, from a product or machine to production, plants or even the entire supply chain. By combining the real and the digital worlds, digital twins define and optimize both product and production systems before any investment takes place, minimizing the need for physical prototypes.

Our digital twin technologies accelerate decarbonization, resource efficiency, energy optimization, and people centricity. They also extend to buildings and infrastructure, enabling smarter design and operation. By simulating real-world conditions, digital twins can identify design flaws and optimize processes across the entire lifecycle—from design and production to operation, servicing, and maintenance.



Responsible AI for smarter industry

Complementing digital twins, industrial AI helps interpret data, context, and environment with a level of speed and accuracy no human could match. This creates new business opportunities—optimizing production lines, driving autonomous machines, and predicting equipment failure before it happens.

Advanced techniques such as deep learning and reinforcement learning push these capabilities even further, enabling systems to learn, adapt, and find solutions on their own. At the same time, Siemens recognizes the global discussions around AI risks, governance, and footprint. Guided by our Responsible AI principles, we uphold ethical, secure, and human-centric deployment, aligning innovation with trust and transparency.

With our green IT strategies, we consistently monitor and reduce the footprint of our own AI usage as well as develop solutions, for example, smart cooling, that can reduce data center power usage by up to 30%.

Digital twins & AI in action

Greenergy Data Centers, in partnership with Siemens, built the Baltics' largest and most energy-efficient data center in Estonia. It consumes around 30% less energy than a comparable facility and sets a new benchmark for sustainable digital infrastructure in the region.

Read more >

We used our Siemens NX tool to help design lightweight robot grippers, reducing both weight and CO_2e emissions by more than 95%. The NX tool enables better decision-making early in the design process by showing how materials and design choices impact 30 environmental KPIs—all directly within the CAD workflow.

See how it works >

VA SYD in Malmö, Sweden has brought its volume of non-revenue water from 10% down to less than 8% by using our SIWA Leak Finder to detect leaks as small as 0.2 liters per second.

Get the full story >

Siemens and Makersite's partnership gives design, compliance, and engineering teams direct access to actionable sustainability insights in Siemens Teamcenter, powered by Makersite's AI and databases, enabling portfolio-wide analysis at scale.

Find out how >

Spotlight

Siemens EcoTech sets the industry standard for transparent environmental declarations

Our data-packed and externally validated proof of sustainability cuts through complexity to help customers make confident, informed choices.

The shift to low-impact, high-efficiency products is accelerating. Customers want clarity. Regulators demand transparency. Distributors are seeking verified sustainable options. Siemens EcoTech answers that call. It helps everyone, from engineers to procurement teams, quickly identify products that deliver environmental benefits without compromise.

Siemens EcoTech sets a new benchmark for sustainable product design

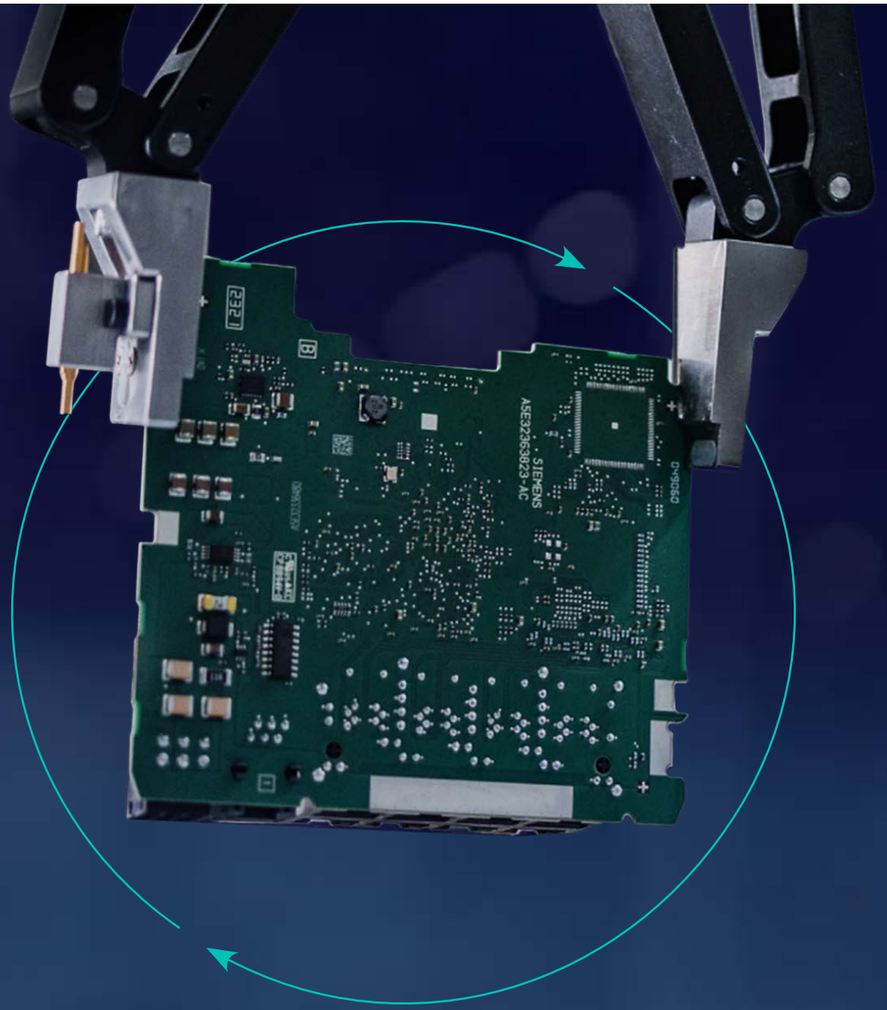
Every Siemens EcoTech product meets rigorous criteria in three essential areas: Sustainable materials, optimal use, and value recovery. These aren't vague promises; they're backed by hard data in our Environmental Product Declarations (EPDs). The process for standardized Siemens EcoTech Profiles (SEPs) has been third-party validated since 2025. It's our commitment to full transparency.

In fiscal 2025, we doubled the number of products being part of our Siemens EcoTech performance declaration.

Holistic transparency, measurable performance

To earn the Siemens EcoTech declaration, a product must demonstrate it outperforms the market standard, a predecessor, or an industry norm across all three dimensions. It must also be manufactured at a site using 100% renewable electricity, comply with substance regulations, and offer clear environmental performance data. The Siemens EcoTech approach and assessment methodology are externally validated by TÜV Rheinland according to ISO 14020 and ISO 14021. This ensures a consistent, credible process for environmental data and helps our customers make informed decisions.

Siemens EcoTech builds on our long-standing commitment to sustainability, reinforcing the integration of ecodesign principles through our Robust Eco Design (RED) approach and aligned with our strategic targets.



Siemens EcoTech requirements

Requirements for all Siemens EcoTech products:

- EPD Type II or III and compliant with substance regulations
- Manufactured in production facilities using 100% renewable electricity

Products need to fulfill a minimum of one criterion in each dimension of the Siemens EcoTech framework by proving their performance compared to existing norm, standard or predecessor product.

Sustainable materials

- Low carbon material
- Secondary material
- Minimum material use
- Packaging
- Substances of concern

Optimal use

- Energy efficiency
- Durability / longevity
- Updatability / maintenance possible

Value recovery

- Repairability
- Upgradability
- Ease of disassembling / circularity instructions
- Recyclability
- Take-back scheme

Spotlight

Accelerating digital transformation – easier, faster, and at scale

Siemens Xcelerator is our open digital business platform that enables positive impact, from more energy efficient factories to smarter, agile operations.

Businesses face growing pressure to innovate quickly, stay competitive, and meet sustainability goals—while navigating complex systems, fragmented technology, and increasing risks.

Siemens Xcelerator is the technology backbone enabling this transformation. It helps businesses cut complexity, reduce risk, and innovate faster. Siemens Xcelerator makes advanced technologies approachable, enabling companies to jumpstart their journey into the metaverse without starting from scratch. The impact can be transformative for sustainability.

Connecting technology, partners, and solutions in one platform

Siemens Xcelerator is powered by three core elements:

- A modular portfolio of software, IoT-enabled hardware, and digital services
- An ecosystem of over 4,000 certified partners
- A dynamic marketplace where customers can explore, learn, and deploy solutions at speed

At the same time, we are transforming our entire portfolio to meet the key criteria of Siemens Xcelerator: open, flexible, interoperable, cybersecure, and increasingly offered as-a-service. This means our hardware and software are becoming modular, cloud-connected, and based on open application programming interfaces (APIs).

We are also partnering more closely with technology leaders such as AWS, Microsoft, and NVIDIA to bring cutting-edge innovation, including generative AI, into the industries we serve.

For customers, Siemens Xcelerator reduces complexity and makes digital transformation easier. Companies can adapt quickly to change with ready-to-deploy technology tailored to their industry. Through the Siemens Xcelerator marketplace, they can explore proven solutions and connect with a growing ecosystem of trusted partners.

Impact at a glance

Across industries and continents, Siemens Xcelerator is turning potential into progress:

Alliander, a major Dutch network company, is leveraging Siemens' software platform to reduce grid congestion and extend grid utilization by up to 30%.

Read more

Southern Methodist University (SMU) in Texas is transforming campus operations for the future—cutting energy use, reaching $9.5 mn in energy savings over the first five years, improving efficiency, and tackling long-standing maintenance with digital tools from Siemens.

Read more

DMG MORI is redefining precision manufacturing with the first end-to-end digital twin of a machine tool. It allows up to 40% faster ramp-up times and significantly reduces energy consumption– available now on the Siemens Xcelerator Marketplace and ready to scale to customer needs.

Read more

Decarbonization & energy efficiency

DEGREE targets 2030

Scope 1&2
Reduce emissions by 90% and compensate residual emissions

PROGRESS FY25: -66%

Baseline: 691 kt CO_2e FY19 | Target: -90%

Total Scope 3
Reduce by 30% by 2030 and achieve net-zero by 2050

PROGRESS FY25: -11%

Baseline: 175 Mt CO_2e FY19 | Target: -30% & net-zero

Customer Avoided Emissions
Achieve >1,000 Mt CO_2e cumulatively

PROGRESS FY25: 694 Mt

Baseline: 264 Mt CO_2e FY23 | Target: >1,000 Mt

Further targets 2030

Scope 3 Upstream Emissions
Pursue Scope 3 upstream emissions reduction by 20%

PROGRESS FY25: 1%

Baseline: 8,107 kt CO_2e FY19 | Target: -20%

Fleet Electrification[1]
Achieve a 100% electrified fleet in accordance with market maturity

PROGRESS FY25: 39%

Baseline: 1.7% FY21 | Target: 100%

Energy Efficiency
Improve our overall energy efficiency by 10%

PROGRESS FY25: 54%

Baseline: 0% in FY21 | Target: 10%

Renewable Electricity[2]
Transition to 100% electricity from renewable sources

PROGRESS FY25: 85%

Baseline: 66% FY21 | Target: 100%

[1] Siemens Group value as shown in Sustainability Statement: Baseline: 1.5% in FY21 | Actual FY25: 33%

[2] Siemens Group value as shown in Sustainability Statement: Baseline: 66% in FY21 | Actual FY25: 86%

View the full sustainability target framework

Spotlight

Enabling our customers to avoid >1,000 million tons of CO_2e emissions by 2030

At Siemens, climate action goes beyond reducing our own emissions. We're helping others cut theirs by measuring the impact of our technologies through Customer Avoided Emissions (CAE).

CAE is our metric for enabling climate mitigation via our business offering. It quantifies the emissions our products, systems, solutions, and services help avoid during their use at customer sites compared to a reference scenario using conventional alternatives. While Scope 1, 2, and 3 emissions show Siemens' efforts to reduce our own footprint, CAE reveal our handprint, how our technologies enable decarbonization across industries, infrastructure, and cities.

Three action fields where Siemens technologies help cut emissions

First, our solutions boost **energy efficiency** by cutting energy use with smarter, more efficient technologies. Second, they support **renewable energy integration** by facilitating the shift to clean power sources across industries. Third, they accelerate **electrification** by replacing fossil-fuel systems with electric alternatives for a cleaner future.

Built on transparency and credibility

Customer Avoided Emissions are calculated using real world comparisons, that is, the emissions that would have occurred without our solution. While no market-wide standard exists yet, Siemens follows principles established by the World Business Council for Sustainable Development (WBCSD) and shares its methodology in a dedicated Whitepaper to foster transparency and standardization.

Aiming for impact

From 2023 to 2030, Siemens has set a target to enable the avoidance of over 1,000 million metric tons of CO_2e through its technologies. Our offerings sold in 2025 will avoid 199 million metric tons CO_2e over product lifetimes—this is higher than the 155 metric tons of emissions Siemens generated along its entire value chain (Scopes 1, 2 and 3) in fiscal 2025.

> While we are committed to leading in GHG reduction, we are equally focused on empowering our customers to decarbonize. By transparently quantifying Customer Avoided Emissions, we show how Siemens technologies drive change across our customers' industries.

Matthias Beer
Head of Climate
at Siemens

Impact at a glance

694 million metric tons of CO_2e

avoided by customers cumulatively as of 2025, quantifying the positive impact of our offerings sold over their lifetime.

Automation portfolio
Siemens and its partner ATS helped future-proof the IFG Exelta fiber plant in Ghent by retrofitting spin pump motors with variable speed drives, cutting energy use by over 40% and reducing emissions.

Buildings portfolio
Siemens buildings portfolio helped the St. Joseph Hospital in Berlin to generate Customer Avoided Emissions of ~1,300 metric tons of CO_2e per year through increased energy efficiency.

Grid portfolio
AcegasApsAmga will use Siemens' software to develop a digital twin of Trieste's energy grid. This will enhance grid stability, manage growing energy demands, and support the city's decarbonization efforts including the electrification of its congested port.

Rail transport portfolio
Siemens Mobility is helping transform Egypt's transportation infrastructure with the country's first high-speed, electrified mainline and freight rail network (pictured). The network will help generate CAE of more than one million metric ton of CO_2e per year.

Spotlight

Leading the way towards a decarbonized future

Siemens is driving the shift to a low-carbon economy with determination and clarity. Our greenhouse gas reduction targets are validated by the Science Based Targets initiative (SBTi) under its Net-Zero standard. By fiscal 2030, Siemens will reduce absolute emissions from its own operations by 90% and compensate for residual emissions. We commit to cut Scope 3 emissions by 30% during the same period. In the long term, we pledge to reach Net-Zero across our entire value chain by fiscal 2050, with a 90% reduction and neutralization of remaining emissions.

To achieve these goals, Siemens is activating key decarbonization levers across operations, products, and value chains.

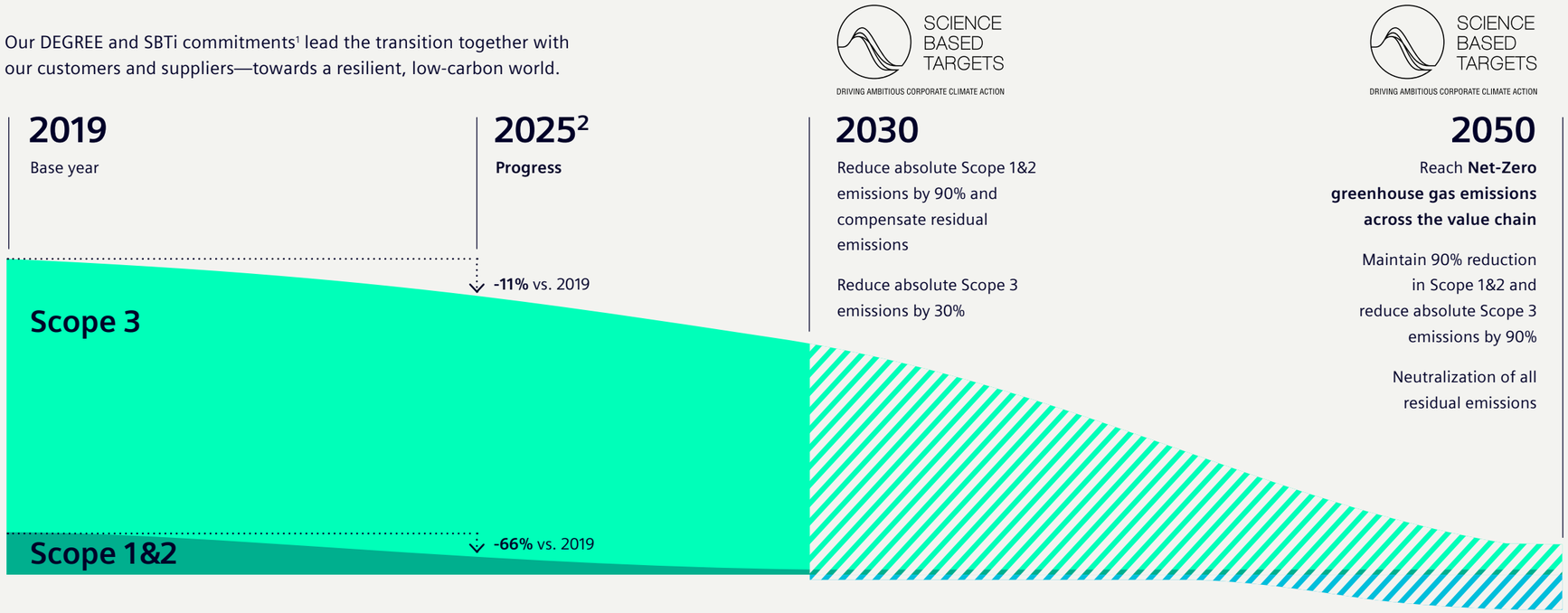
Our efforts are already delivering results. By 2025, Siemens had reduced Scope 1 and 2 emissions by 66%. Scope 3 emissions are also trending downward, with a 11% reduction achieved by 2025.

Climate CDP A List 2024

Our leadership is recognized globally. Siemens has again earned a place on CDP's Climate Change A List, which is considered the gold standard for climate disclosure and performance.

Siemens is driving the transformation towards a low-carbon economy

Our DEGREE and SBTi commitments[1] lead the transition together with our customers and suppliers—towards a resilient, low-carbon world.



Scope 1&2 emissions

Buildings and operations:

- Carbon neutrality for new buildings and electrification and efficiency upgrades for existing infrastructure (EP100)
- Process electrification and operational optimization
- Renewable electricity deployment (RE100)
- Systems for energy monitoring and carbon footprint analysis

Fleet:

- Electrification of vehicle fleet (EV100)
- Expansion of charging infrastructure

Scope 3 emissions (upstream)

Upstream decarbonization:

- Consistent consideration of dematerialization effects in Product Design
- Enhanced usage of and transform our supplies to lower-carbon materials
- Engage suppliers via Sustainability Training Program

Scope 3 emissions (downstream)

Downstream emissions reduction:

- Use phase reductions via customer transition towards lower-carbon electricity, energy efficiency, electrification, automation and digitalization
- Accelerate global energy transition and financing lower-carbon projects including renewable energy investments

Carbon credits

Carbon credit quality:

- From 2030, full compensation of residual Scope 1&2 emissions using high-quality carbon credits
- By 2050, neutralization of residual value chain emissions in line with SBTi standards
- Focus on credits following recognized standards, verified by independent third parties

[1] Scope for SBTi commitment is Siemens Group incl. Siemens Healthineers.
[2] To track progress towards Siemens' 2030 SBTi group commitment incl. Siemens Healthineers Scope 3 reduction amounts to 11%; Scope 1&2 reduction amounts to 62%.

Chart segments and curves only indicative and not proportional in their size

Customer case: Elvia

Speeding up the energy transition

Norwegian distribution system operator, **Elvia**, increases grid capacity by leveraging digitalization.

"Working with Siemens, we deployed an advanced and future-proof product that will help us to accelerate and handle the energy transition."

Erik Jansen
Head of
Grid Operations,
Elvia

Future-proofing distribution grid management

The energy transition is creating unprecedented challenges for all major distribution system operators (DSOs) and transmission system operators (TSOs). Given the rise of fluctuating renewable energy, traditional methods to manage the grid are no longer sufficient. To secure a reliable and affordable energy system, grid operators must embrace digitalization and automation. Harnessing grid flexibility is essential to unlocking capacity and achieving decarbonization goals.

Elvia, Norway's largest power grid operator, is responsible for operating, maintaining, and developing a power grid that covers an area slightly larger than Denmark. Elvia faces challenges from rising power demand accelerated by the energy transition, including an exponential increase in distributed energy resources and electrification. Today, Norway has the highest penetration of heat pumps and electric vehicle sales worldwide.

Generating insights from various data sources with the help of Gridscale X LV Insights software, Elvia is now able to get the most out of their existing infrastructure, speeding up the energy transition. The digital twin of the low-voltage grid provides reliable insights and real-time transparency for multiple departments. Using LV Insights' grid model building capabilities, Elvia created a complete and unified grid model that serves as a smart data translator for all departments within Elvia.

Together with Siemens, Elvia is advancing future-proof distribution grid management in Norway—one step further on the journey toward decarbonized, autonomous grids.

Learn more >

Up to 20% enhancement of grid capacity

Up to 30% reduced outage times

Customer case: Coherent

Powering precision with energy intelligence

Coherent is transforming its global operations, taking huge strides toward decarbonization through data-driven performance optimization.

> We have a massive amount of monthly energy data from our global facilities. Siemens manages the data collection, maintains our energy database, and helps us to analyze and understand the data that drives optimal cost and energy-efficiency decisions.

Richard Marino
Director of Sustainability, Coherent

A leap in operational efficiency

With over 130 sites across 20 countries, Coherent is a leader in materials and optics for semiconductors, photonics, and lasers. But with rising demand and energy-intensive processes, the company faced a critical challenge: how to reduce emissions without compromising performance, while maintaining competitive, predictive energy costs.

Coherent, in collaboration with Siemens, launched an energy transformation program focused on decarbonization and energy efficiency. Coherent's global facilities generate a vast volume of monthly energy data. Siemens' role includes overseeing the data collection process, maintaining a centralized energy database, and providing the analytical insights needed to interpret that data. This enables Coherent to make informed, strategic decisions that optimize both energy efficiency and cost performance across their operations.

Siemens has introduced Building X® Sustainability Manager, a data visualization solution for energy and emissions data, in early 2024. This application, part of the cloud-based Building X platform, was developed in late 2023 with Coherent. The co-creation turns energy data into actionable insights that support Coherent`s long-term sustainability vision.

Measurable results, global impact

The results are measurable and scalable. In fiscal 2025, 85% of Coherent's electricity consumption was backed by renewable electricity sources resulting in CO_2e reduction of 264,000 metric tons. The share of renewables has steadily grown year over year. Cumulatively we have achieved over 700,000 metric tons in reduced CO_2e over the last four fiscal years. In addition to this milestone, we have also managed to reduce our annual energy cost resulting in US$16 million in savings over the past five years.

Learn more >

$16 million in energy savings realized to date (as of October 2025)

264,000 metric tons of CO_2 emissions cut in fiscal 2025

Spotlight

Transforming our own manufacturing sites into sustainability lighthouses

Fürth will become one of the first Siemens sites to reach Net-Zero by 2026.

We demonstrate the effectiveness of our energy, emissions, and automation technologies on our own operations before bringing them to market. That means treating ourselves as power users of our own portfolio.

Our Fürth site in Germany, which produces Human Machine Interfaces (HMIs) and Sense & Act products, is the proving ground. A holistic Energy Management System used across the site manages power use, integrating more than 350 power meters with connected tools such as Simatic Energy Manager Pro, Navigator, and Performance Optimizer—automating insights, visualizing energy flows, and supporting efficiency measures.

This live data fuels accurate Product Carbon Footprints (PCFs). Today, 90% of serial products made at Fürth have PCFs based on own operational data, giving engineers clarity on where to cut energy and emissions without guesswork.

A blueprint for the future of manufacturing

In 2023, we installed one of our largest solar arrays: a 3,300 m^2 rooftop photovoltaic system generating up to 460 kilowatts. The site now produces its own nitrogen and captures waste heat from this and other on-site processes to heat the facility.

Our in-house repair center extends product lifespans by servicing over 300 products, supporting circularity and reducing waste.

Results and recognition

Between 2019 and 2023, Fürth increased output by 145% while reducing energy use per unit by nearly two-thirds and CO_2e emissions per product by over 70%. The site also reduced industrial waste per volume by 47%.

That performance earned Fürth the World Economic Forum (WEF) Sustainability Lighthouse award, one of just 27 factories globally with the honor. It joins our sites in Amberg and Chengdu, which have also received this WEF recognition.

The site is on track to reach Net-Zero by 2026, four years ahead of our corporate pledge—offering real-world lessons for the future of manufacturing.

Impact at a glance

From 2019–2023, Fürth boosted output by 145% while reducing energy use per unit by nearly two-thirds and cutting CO_2e emissions per product by over 70%.

The annual energy savings is 952 megawatt-hours from lighting, 103 megawatt-hours from building automation, and 370 megawatt-hours from algorithm-based performance optimization in HVAC (heating, ventilation, air conditioning) enough to power 3,000 households for a year.

"With strong backing from our site leadership and a clear commitment to early investment in our own technologies, we're setting the stage to reach Net-Zero by 2026."

Jochen Bönig
Plant Manager
at Siemens, Fürth

Resource efficiency & circularity

DEGREE targets 2030

Robust Eco Design

Achieve 100% of relevant hardware, software, and service portfolio

PROGRESS FY25: 67%

Baseline: 16% FY21 | Target: 100%

Waste to landfill

Support circularity by pursuing zero waste to landfill

PROGRESS FY25: 52%

Baseline: 0% FY21 | Target: 100%

Biodiversity

Implement a conservation program at 100% of our relevant sites

PROGRESS FY25: 55%

Baseline: 18% FY24 | Target: 100%

Further targets 2030

Water Conservation Program

Preserve water resources by implementing a conservation program at 100% of our relevant sites

PROGRESS FY25: 56%

Baseline: 46% FY24 | Target: 100%

Secondary Materials in Thermoplastics

Substitute a share of standard thermoplastics with sustainability-enhanced thermoplastics in 50% of relevant products

PROGRESS FY25: 31%

Baseline: 4% FY24 | Target: 50%

Recyclability Statements

Provide recyclability statements to our customers for 100% of relevant products

PROGRESS FY25: 65%

Baseline: 40% FY24 | Target: 100%

Substances of Concern

Phase out selected substances of concern in specific applications in 100% of relevant products

PROGRESS FY25: 25%

Baseline: 21% FY24 | Target: 100%

Sustainable Product Packaging

Pursue 100% sustainable product packaging of relevant products

PROGRESS FY25: 13%

Baseline: 3% FY24 | Target: 100%

View the full sustainability target framework

Spotlight

Doing more with less for our customers, planet and society

Siemens is ideally positioned to empower industries to transition from linear to circular.

Our ambition is to improve resource efficiency by equipping industries with better technologies and extending asset lifecycles to boost performance and utilization. We believe circularity adds value, opens new business opportunities, reduces costs, strengthens supply chains, and protects water and biodiversity. Scaling circularity eases the pressure on the planet and opens new paths for growth and innovation.

Empowering customer circularity

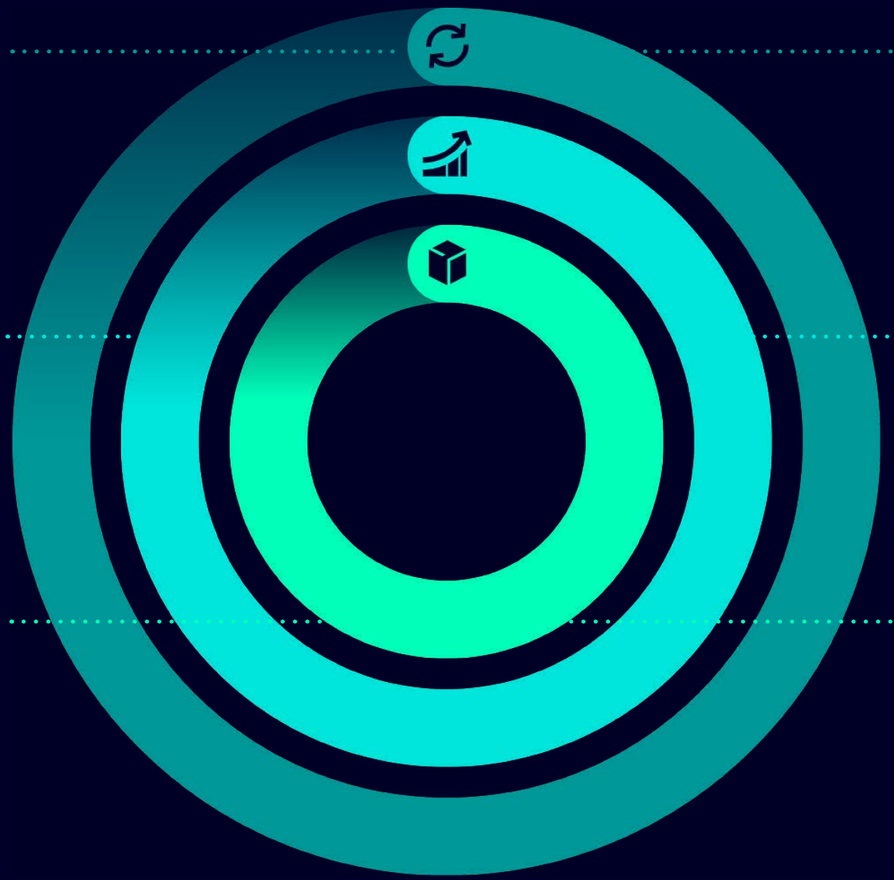
We enable the creation of circular products with our software portfolio. We provide solutions for optimized, resource-efficient customer operations and generate value through innovative business models, agreements, and partnerships.

Embracing circular business

We aim to enhance and preserve value through lifetime-extending services and the reuse of products and components. By closing the loop, we effectively recover value.

Creating circular products

We design for sustainable materials, optimal use, and value recovery. We optimize secondary material use and increase supply chain resilience. Our commitment to improving production efficiency helps minimize resource consumption.



Example

Digital Product Passports provide the transparency needed to reuse and recycle materials across the full value chain. Predictive maintenance solutions help keep equipment running longer, reduce waste, and save energy.

Example

Our sustainable lifecycle services support circularity in rail. They boost efficiency, uptime, and asset longevity, with platforms for repair and resale. Retrofitting switchgears can extend their operational life by up to 15 years, cut CO_2e emissions by up to 75%, and slash material use by up to 80%.

Example

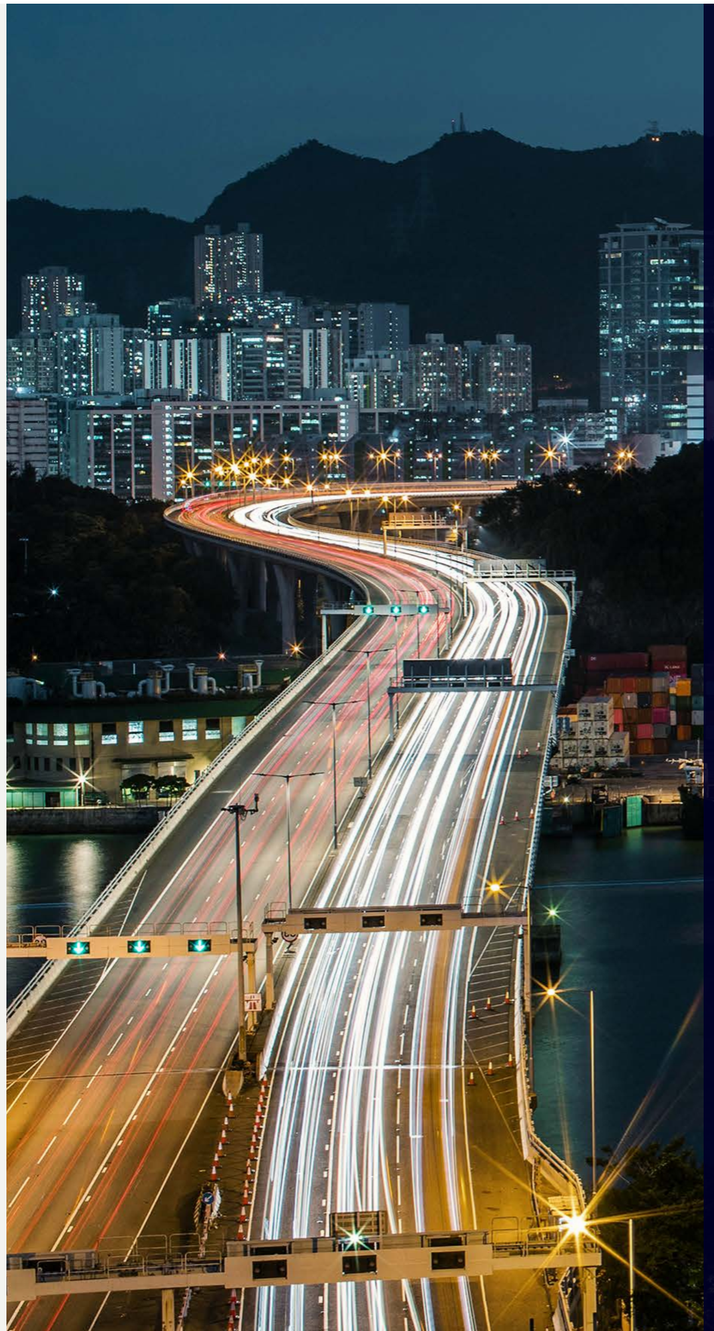
Robust Eco Design (RED) applies ecodesign systematically across all lifecycle phases and processes, aiming to make the hardware, software, and service lifecycle as environmentally compatible as possible. Based on our RED approach, **Siemens EcoTech** declaration certifies products that accelerate circularity.

Spotlight

Driving speed and scale through ecosystems

Siemens is reshaping how industries drive sustainability transformation by building ecosystems that go beyond traditional partnerships, enabling scale, speed, and synergies. In shifting from linear models to circular systems, ecosystems are crucial.

Ecosystems are central to how Siemens delivers impact. We co-create platforms that connect technologies, industries, and institutions—enabling smarter decisions, faster innovation, and measurable outcomes. Whether the goal is to decarbonize rail, digitalize battery recycling, or build national data spaces, we collaborate to scale success.



The rail industry's first ecosystem for circularity

Siemens Mobility has developed—together with a comprehensive ecosystem of operators, recyclers, material companies and suppliers—a full circular solution suite for rail system, unlocking both sustainability and cost-efficiency potentials. The suite covers the entire life cycle, focusing on three pillars: First, "doing more with less"—enhancing asset efficiency and availability through circular design and integrated business models. Second, implementing lifetime extension services from refurbishment to intelligent obsolescence and supply chain management. Finally, value recovery at the end of life for technical components, spare parts and materials.

Reducing emissions and waste through refurbishment

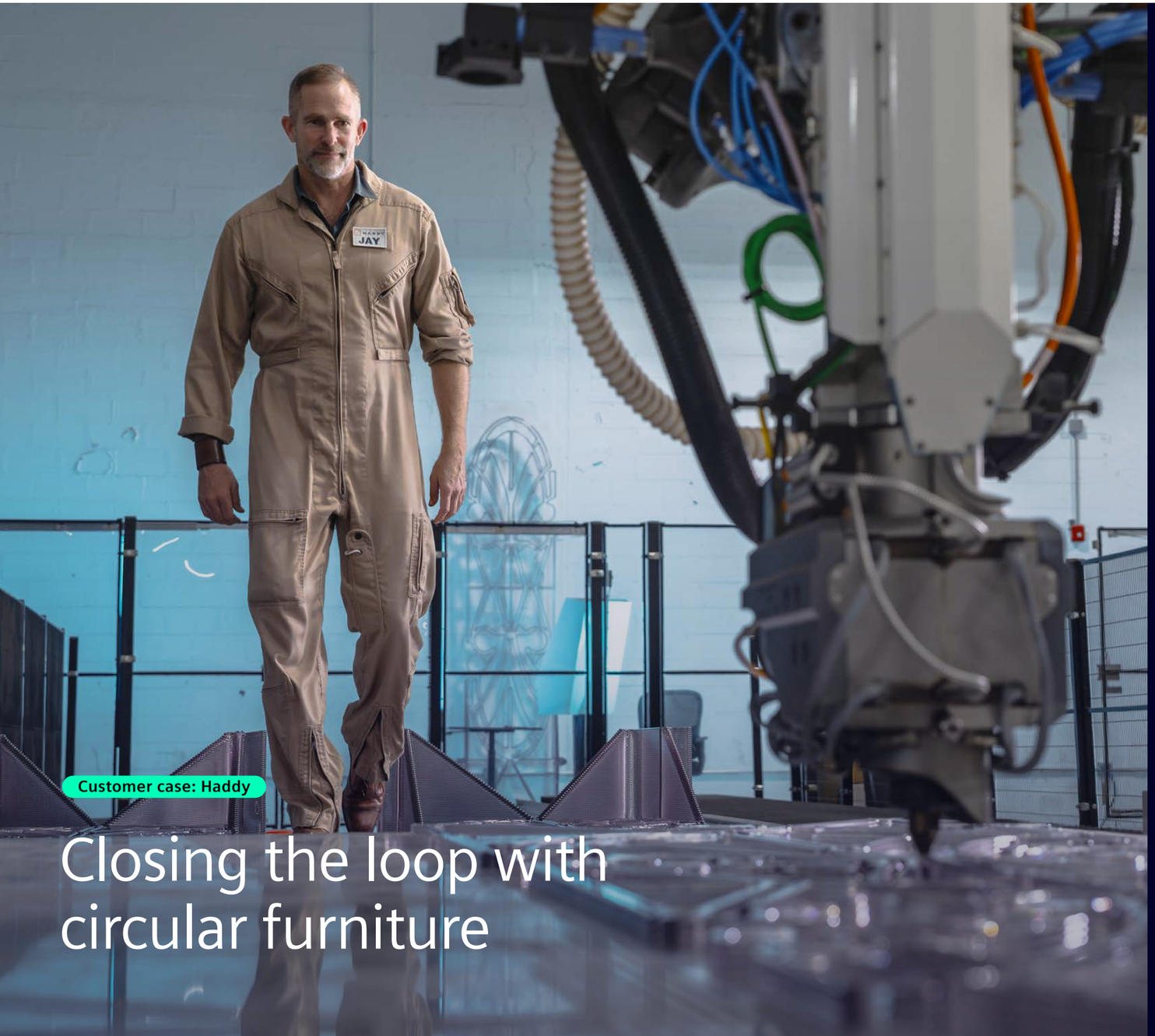
In the electrical sector, our partnership with Sonepar demonstrates how circularity can be embedded into everyday operations. Together, we've developed a take-back and refurbishment program for circuit breakers and other components. These refurbished products meet the same quality and performance standards as new ones, offering customers a sustainable and cost-effective alternative. The collaboration also includes digital tools to track product lifecycles and measure impact, reinforcing our belief that circularity must be both measurable and scalable.

Digitalizing circularity at scale

In China, Siemens is co-developing a digital platform with North Star Recycling and the Tsingtao government to manage retired EV batteries. The platform connects waste generation sites, logistics providers, and recycling centers, and integrates AI-enabled disassembly, energy and carbon management, and real-time tracking. This initiative is part of a broader policy-driven push to build a national circular economy, and Siemens is a key enabler of that transformation.

Building the backbone of industrial transformation

Siemens is leading the Railway-X initiative, a government-funded open data ecosystem for the rail industry. It enables digital product passports, AI for circularity, and lifecycle service enablement. As part of Germany's broader strategy, Siemens is also a key partner in Factory-X and Catena-X—national ecosystems that support traceability, CO_2 tracking, and circular product design across manufacturing and automotive. These platforms are not just technical infrastructure—they are strategic instruments for industrial transformation, backed by public funding and designed for long-term impact.



Customer case: Haddy

Closing the loop with circular furniture

Haddy, CEAD, and Siemens are reshaping furniture production – turning recycled plastic into a circular design through digital manufacturing.

"We are exploring how design and technology can work together to reduce waste—and keep materials in use for longer."

Jay Rogers
CEO, Founder, Haddy

From waste to value: rethinking materials in everyday spaces

Florida-based digital manufacturing company, Haddy, set out to challenge the linear furniture production model by creating pieces entirely from recycled plastic. To scale this vision, they partnered with Siemens to build a digitally integrated, circular manufacturing process.

Using CEAD's large-format 3D printing platform and Siemens' SINUMERIK CNC controller and other offerings, such as NX CAM software, furniture is printed directly from recycled thermoplastics—no molds, adhesives, or excess inventory. The process is digitally native and fully traceable, enabling on-demand production and complete material reuse.

Each piece is sculptural, ergonomic, and made from a single recyclable material. At end-of-life, it can be shredded and reprinted—closing the loop entirely.

This approach reduces waste, shortens supply chains, and proves that circularity can be both scalable and beautiful. It is a blueprint for sustainable design powered by automation, AI, and digital control.

Learn more >

100 printed pieces per day per robot

50–75% of raw materials saved with 3D printing

People centricity & society

DEGREE targets 2030

Pay equity
Pursue pay equity by reducing the global adjusted pay gap[1]

PROGRESS FY25: **2.0%**

Baseline: 2.5% FY24 | Target: <2.5%

Inclusion level
Sustain an inclusion level above 80%

PROGRESS FY25: **78%**

Baseline: 80% FY24 | Target: >80%

External learning reach
Reach 3 million people in our business ecosystem and society with our learning offering focused on digitalization and sustainability

PROGRESS FY25: **1.12 m**

Baseline: 578k FY24 | Target: 3 million

Work Well-being Score
Maintain a Work Well-being Score above 80

PROGRESS FY25: **84**

Baseline: 84 FY24 | Target: >80

Total learning hours
Increase our average total annual learning hours to 40 per person

PROGRESS FY25: **36.6h**

Baseline: 34.2h FY24 | Target: 40h

Further targets 2030

Community engagement impact
Support local communities around all our large sites through skills-based activities

PROGRESS FY25: **45%**

Baseline: 52% FY24 | Target: 100%

Employee Assistance Program[2]
Maintain high level and expand access to Employee Assistance Program to 100% globally of our employees

PROGRESS FY25: **100%**

Baseline: 82% FY20 | Target: 100%

Lost Time Injury Frequency Rate[2]
Improve Siemens' globally aggregated Lost Time Injury Frequency Rate by 30%

PROGRESS FY25: **0.22**

Baseline: 0.31 FY20 | Target: 0.22

Targets with recurring circle symbol should be achieved every year

[1] Consistent with applicable law

[2] 2025 targets

View the full sustainability target framework

Spotlight

Securing reliable access to essential infrastructure

Communities' access to infrastructure such as clean water is a growing global challenge – one that digital solutions can help address.

By 2030, demand for fresh water is set to outpace supply by 40%, and US$70 trillion of global GDP will be exposed to high water stress—a fivefold increase since 2010. Meanwhile, demand for clean water rises by around 1% each year, yet an estimated 30% of treated water is lost before it even reaches the tap.

The needs of the water industry vary widely, from desalination, drinking water, and wastewater treatment to industrial use. Tailored solutions address these diverse challenges.

Water utilities must meet growing demand by ensuring reliable access to high-quality, affordable drinking water. But they face several obstacles: rising energy costs, aging infrastructure, and workforce challenges. Our digital solutions respond directly to these pressures head-on.

Our AI-powered technologies improve water quality, reduce losses, and increase system efficiency. In industrial settings, we're also helping reduce environmental impact. In wastewater treatment, our technologies support compliance, efficiency, and sustainability—ensuring water returned to the environment is clean and safe.

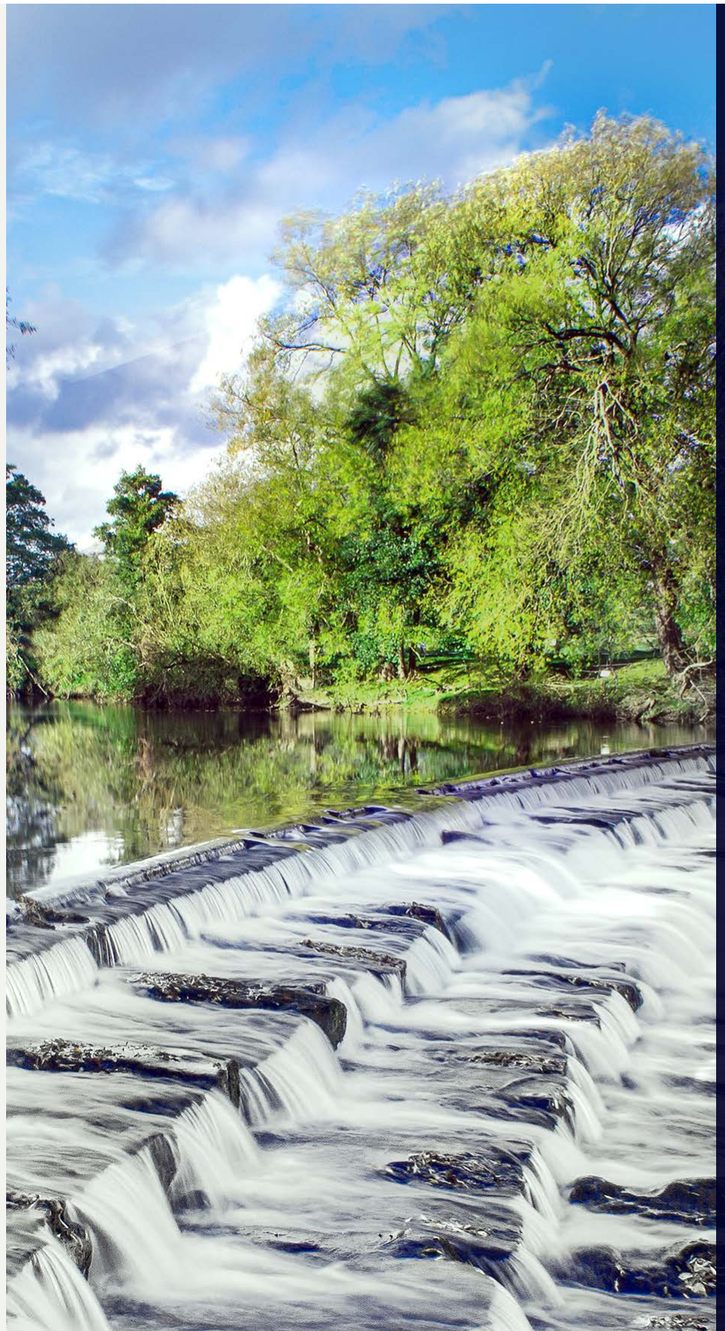
Preventing losses and protecting resources

Across the water cycle, reducing losses is critical to ensuring supply. Our solutions are already in action across the globe.

VA Syd in Malmö, Sweden, uses SIWA Leak Finder to monitor data from intelligent flow meters and detect leaks as small as 0.2 litres per second, finding minimal water losses which might have gone unnoticed. When paired with the SITRANS FM MAG8000 sensor, utility companies can quickly install, analyse, and act—reducing water losses by up to 50%.

Designed to prevent pollution and ensure compliance, SIWA Blockage Predictor can predict blockages in wastewater networks thus preventing sewer overflows polluting the environment. Smart sensors feed water level data into this application at Yorkshire Water in the UK, forecasting blockages and inflow or infiltration events. It delivers up to 90% accuracy in identifying issues before they escalate, protecting neighbourhoods and natural environments.

With SIWA Meter Data Management (MDM), water utilities are empowered with transparent and trustworthy information about meter performance and customer side leakage. The software solution is critical for utilities to collect and utilize meter data. It applies AI-based analytic algorithms and non-revenue use cases, either as an on-site solution, a hosted solution, or as software as a service (SaaS). These applications are available on the Siemens Xcelerator Marketplace.



Impact at a glance

Access to clean water
Up to 50% reduction in non-revenue water—in other words, water that would be lost or unaccounted for in the distribution system. Faster installation and fewer disruptions through cloud-based data analytics.

Access to reliable renewable power
Electricidade dos Açores (EDA) selected Siemens to realize a sustainable energy project in the Azores, enhancing grid resilience on Terceira Island. It provides reliable renewable power to 60,000 residents and reduces CO_2 emissions by over 3,600 tons annually—a people-focused blueprint.

Read more >

"The data enables us to quickly detect network issues, allowing our teams to address them before pollution occurs."

Heather Sheffield
Manager of Operational Planning and Technology at Yorkshire Water

Spotlight

Empowering lifelong learning to thrive in tomorrow's world

In a world shaped by rapid transformation, lifelong learning enables people to adapt and become more resilient.

At Siemens, we believe lifelong learning is essential for societies to transform and for people to meet some of the biggest challenges and megatrends of our time—rapid technological changes, digitalization and environmental changes. This is why we want to foster and scale future-relevant skills development—enabling people for digital and sustainability transformation. In times of rapid change, we believe knowledge should not be held back. As a technology company, we are happy to share our knowledge about pivotal topics, such as digitalization and sustainability, along with other foundational skills needed to thrive professionally and personally.

We have set ourselves an ambitious target: we are committed to reaching 3 million people in our business ecosystem and society at large with our learning offerings focused on digitalization and sustainability by 2030.

Our approach is holistic and inclusive. For students, educators, and partners, we offer early education programs such as Hour of Engineering, SIEYA, and virtual work experiences. These are complemented by STEM education for teachers and students, micro credentials, Dual Vocational Education and Training (VET) programs, and free software downloads to help learners build practical skills and stay ahead in a changing world.

To support personal growth and professional excellence across roles and regions, we designed digital learning initiatives including the 1847 Industrial Learning Platform, business academies, and our e-learning portal on the Siemens Platform Xcelerator.

Our programs are designed to create a positive impact on people by transferring knowledge, skills, and insights to support digital and sustainability transformations—equipping people at every stage of life to adapt and thrive.

With 78 million new jobs expected to emerge in the next 15 years—primarily in the tech and green sectors—and 63% of employers citing skill gaps as a barrier to progress, investing in AI, digital, and green skills is no longer optional. It is essential for building a resilient future.

Impact at a glance

Expedite - Skills for Industry
This fully online, four-course microcredential is designed to bridge the gap between engineering theory and industry practice for engineering students and early-career engineers. Learners are equipped with essential skills in product lifecycle management, sustainable engineering, AI applications, digital twins, and the Internet of Things. The microcredential has reached ~1,000 people since 2024 (~73,000 on Coursera overall).[1]

Siemens 1847 Industrial Learning Platform
Launched in China as a self-learning portal for enterprises and engineers, the platform brings together high-quality content and value-added services of advanced industrial automation and digitalization. To provide insights into the latest advancements, participants receive a knowledge package on technologies such as AI, edge computing, industrial 5G, and additive manufacturing. The platform has reached ~167,000 people since 2024.[1]

Dual VET
A joint initiative of Siemens India and Tata STRIVE, our two-pronged approach strengthens the Dual Vocational Education and Training (VET) ecosystem by enhancing instructor pedagogy and ensuring in-plant training in select technical trades across five Indian states. Trainees gain hands-on experience with modern machinery and industry systems, boosting their employability and helping many secure jobs in both public and private sectors. The Dual VET has reached ~52,500 people since 2024.[1]

[1] These initiatives contribute to Siemens' broader external learning reach KPI, which tracks 38 educational programs. Data shown represents FY2024–25 preliminary figures as reported in our Sustainability Statement, subject to annual updates.

Customer case: Niederbarnimer Eisenbahn

Ushering in a new era of climate-friendly rail travel

Residents of Berlin and Brandenburg are enjoying quieter, cleaner, and more reliable rail travel as Siemens and **Niederbarnimer Eisenbahn** introduced hydrogen and battery-powered trains on regional lines.

Expanding access to zero-emission travel with state-of-the-art hydrogen and battery-powered trains

Diesel-powered trains still run on non-electrified routes, generating emissions, noise, and inconvenience for passengers. Rising demand for reliable service and ambitious climate targets made a transition to zero-emission rail essential.

With the introduction of Mireo Plus H hydrogen trains and Mireo Plus B battery trains, passengers on the Heidekrautbahn and East Brandenburg networks now enjoy quieter, cleaner journeys with improved reliability. The trains combine high-performance 1.7 MW traction systems, lightweight aluminum unibodies, and intelligent on-board energy management. Hydrogen refueling stations and battery operation without full overhead lines enable zero-emission service across diverse routes.

The new trains also bring enhanced comfort, Wi-Fi, infotainment portals, and guidance systems, while service expansions provide more frequent connections across the region. These improvements were made possible through close collaboration between Niederbarnimer Eisenbahn (NEB), the public transport authority Verkehrsverbund Berlin-Brandenburg (VBB), local governments, and Siemens Mobility, which supplied the trains and supporting infrastructure.

Since the December 2024 timetable change, both fleets have gradually replaced almost all diesel-powered trains, increasing the share of electric drives in regional rail transport in Brandenburg and Berlin to 85%, reducing 14.5 million kg of CO_2 emissions and saving 5.5 million liters of diesel annually. Residents now benefit from a more modern, connected, and comfortable rail service, which helps Berlin and Brandenburg move closer to their 2037 diesel-free goal and supports the region's wider transport transition.

Learn more >

14.5 million kg CO_2 avoided annually

5.5 million liters of diesel saved each year

Ethics & governance

DEGREE targets 2030

Siemens Integrity Initiative

Fight corruption globally by training 50,000 people and implement 30 Collective Action Initiatives

PROGRESS FY25: 25%

Baseline: 0% FY24 | Target: 100%

Cybersecurity

Cover 100% of our relevant applications with Siemens Zero Trust

PROGRESS FY25: 62%

Baseline: 16% FY24 | Target: 100%

EU Taxonomy

Increase our EU Taxonomy revenue alignment rate

PROGRESS FY25: 52%

Baseline: 45.6% FY24 | Target: >45.6%

Further targets 2030

Business Conduct Guidelines[1]

Strive to train 100% of our people on Siemens' Business Conduct Guidelines every three years

PROGRESS FY25: 99%

Baseline: 0% FY23 | Target: 100%

Targets with recurring circle symbol should be achieved every year

[1] 3-year cycle to achieve the target of 100% (FY25, FY28, ...)

View the full sustainability target framework

Spotlight

Investing in a cybersecure future

As digitalization accelerates, cybersecurity has become a foundation for trust, speed, and innovation.

Caught up in the digital transformation, today's industrial operations are becoming more automated, more efficient, and more connected. But more complexity also means greater risk.

At Siemens, cybersecurity is more than protection; it's the prerequisite for digital transformation and the scaling of societal impact. It supports our customers in innovating with confidence, knowing they have a trustworthy partner by their side and cyber-resilient solutions they can rely on. We set them up for success, able to tackle tomorrow's biggest challenges and advance without boundaries.

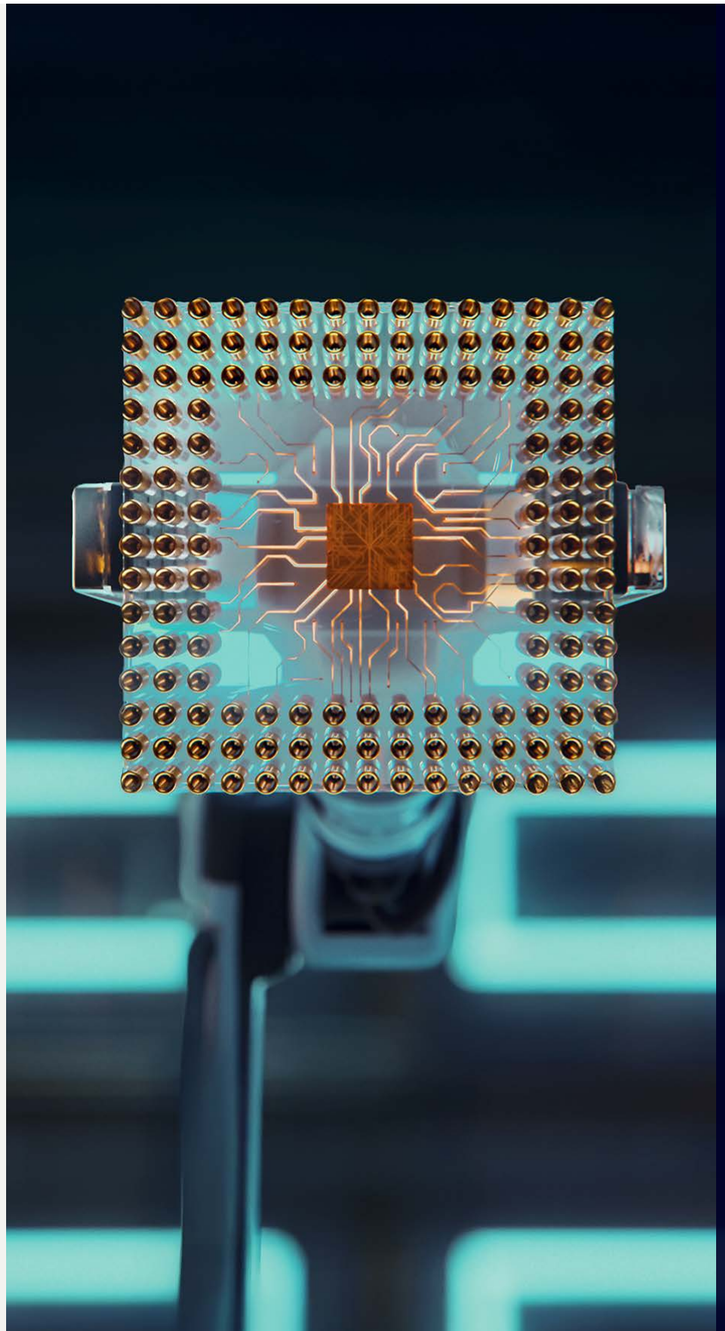
We draw on nearly 40 years of experience and insights from protecting over 120 of our own factories. Our cybersecurity portfolio spans IT (information technology) and OT (operational technology) environments, combining threat prevention, detection, and response with dynamic access control and expert consulting. Tailored to industry needs and embedded across the entire product lifecycle, our comprehensive approach covers everything from detection and defense technology to consultancy and recovery. Whether it's a smart building, a rail network, or a production line, we help ensure systems stay secure, data remains protected, and operations continue uninterrupted.

Building trust into every layer

Cybersecurity is also a core part of our sustainability and digitalization strategy. Through our DEGREE target, we aim to apply Siemens Zero Trust principles across 100% of relevant applications—encrypting communications, validating access continuously, and aligning with global standards such as ISO 27001 and IEC 6244. Cybersecurity Siemens Zero Trust is a holistic approach that aims to use high-quality, real-time signals to verify and authorize access in IT, OT and products.

Our ProductCERT team, Siemens' dedicated cybersecurity experts, proactively identifies and discloses vulnerabilities, reinforcing transparency and trust. As cybercrime continues to evolve, regulations aim to establish secure standards, which can be challenging to meet. We offer consultancy and solutions to support our customers on their path to compliance and to safely guide them through their digital transformation. We don't just sell cybersecurity—we live it.

Beginning with the co-launch of the Charter of Trust, Siemens is helping shape a secure digital future, one where innovation and integrity go hand in hand. Our dedicated R&D department proactively researches new technologies to ensure that we are prepared for their arrival and adoption, ensuring that we remain cybersecure. Thus, as cybercrime evolves, so do we.



Impact at a glance

Through our DEGREE target, we aim to apply Siemens Zero Trust across 100% of relevant applications—encrypting communications, validating access continuously, and aligning with ISO 27001 and IEC 62443 standards.

"Cybersecurity is not just a protective measure but a catalyst for innovation and growth in the digital transformation."

Natalia Oropeza
Chief Cybersecurity Officer at Siemens

Spotlight

52% of Siemens' eligible revenue aligns with EU Taxonomy, meeting high sustainability standards

Siemens Mobility revenue achieves 87% EU Taxonomy alignment.

Siemens portfolio empowers sustainable transformation

Siemens continues to show significant progress in EU Taxonomy alignment, with 80% of our revenue taxonomy-eligible and 42% taxonomy-aligned in 2025. This demonstrates that already 52% out of our eligible revenue meets the EU Taxonomy's high standard for environmental sustainability. This reflects our significant positive contribution to climate change mitigation and circular economy objectives. One example is our Mobility business.

Siemens Mobility creates sustainable impact

With its 100% EU Taxonomy eligibility, Siemens Mobility demonstrates that its entire technology portfolio, from hardware and software to service offerings, can contribute to the sustainable transformation of the economy and society.

With a rating of 87% Taxonomy alignment, the company's business activities already meet high ecological and social requirements. This creates added value for customers and society, which in turn also has a positive business impact for Siemens. Examples include reduced costs for bank guarantees on verifiably green rail projects and the successful fulfillment of customer tenders which require EU Taxonomy alignment.

Siemens Mobility is thus making a leading global contribution to climate change mitigation while actively reducing its own ecological footprint and those of its customers.

Vectron: Driving the sustainable transformation of transport

The Siemens Vectron locomotives stand as a flagship example of sustainable rail transport, with its energy-efficient electric drive systems and the ability to operate across borders on Europe's diverse rail networks. With more than 2,800 Vectron locomotives sold to customers, they contribute substantially to mitigating climate change by helping to avoid carbon emissions from fossil fuel-based or less efficient, alternative modes of transportation. These locomotives are manufactured according to strict environmental requirements for resource-efficient processes that support circular economy principles, minimize pollution, protect biodiversity, and conserve water resources while ensuring components are designed for durability, repairability and recyclability.

Impact at a glance

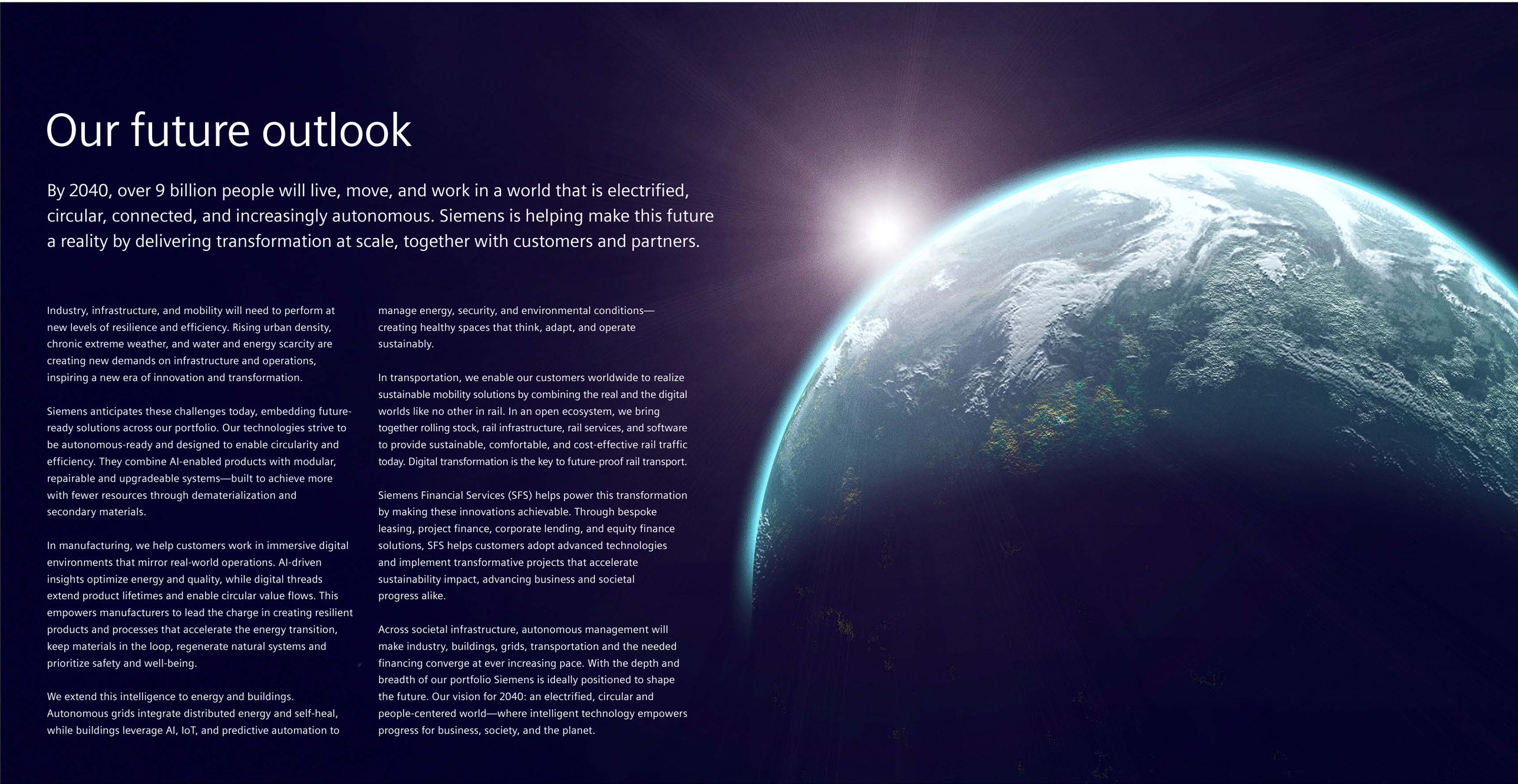
Siemens Mobility's entire portfolio contributes to the EU Taxonomy objective of climate change mitigation, with outstanding performance of 87% Taxonomy alignment.

"The EU Taxonomy provides a comparable and externally audited performance indicator for the sustainability of our business. Our excellent alignment results demonstrate the strengths of our portfolio in reducing our customers' emissions and also the sustainability of our footprint as an industrial company."

Andreas Mehlhorn
Global Head of Sustainability, Siemens Mobility

Our future outlook

By 2040, over 9 billion people will live, move, and work in a world that is electrified, circular, connected, and increasingly autonomous. Siemens is helping make this future a reality by delivering transformation at scale, together with customers and partners.



Industry, infrastructure, and mobility will need to perform at new levels of resilience and efficiency. Rising urban density, chronic extreme weather, and water and energy scarcity are creating new demands on infrastructure and operations, inspiring a new era of innovation and transformation.

Siemens anticipates these challenges today, embedding future-ready solutions across our portfolio. Our technologies strive to be autonomous-ready and designed to enable circularity and efficiency. They combine AI-enabled products with modular, repairable and upgradeable systems—built to achieve more with fewer resources through dematerialization and secondary materials.

In manufacturing, we help customers work in immersive digital environments that mirror real-world operations. AI-driven insights optimize energy and quality, while digital threads extend product lifetimes and enable circular value flows. This empowers manufacturers to lead the charge in creating resilient products and processes that accelerate the energy transition, keep materials in the loop, regenerate natural systems and prioritize safety and well-being.

We extend this intelligence to energy and buildings. Autonomous grids integrate distributed energy and self-heal, while buildings leverage AI, IoT, and predictive automation to manage energy, security, and environmental conditions—creating healthy spaces that think, adapt, and operate sustainably.

In transportation, we enable our customers worldwide to realize sustainable mobility solutions by combining the real and the digital worlds like no other in rail. In an open ecosystem, we bring together rolling stock, rail infrastructure, rail services, and software to provide sustainable, comfortable, and cost-effective rail traffic today. Digital transformation is the key to future-proof rail transport.

Siemens Financial Services (SFS) helps power this transformation by making these innovations achievable. Through bespoke leasing, project finance, corporate lending, and equity finance solutions, SFS helps customers adopt advanced technologies and implement transformative projects that accelerate sustainability impact, advancing business and societal progress alike.

Across societal infrastructure, autonomous management will make industry, buildings, grids, transportation and the needed financing converge at ever increasing pace. With the depth and breadth of our portfolio Siemens is ideally positioned to shape the future. Our vision for 2040: an electrified, circular and people-centered world—where intelligent technology empowers progress for business, society, and the planet.

Annex

Sustainability target framework

Targets	Target type	Unit	Baseline year	Target year	Target value	Fiscal year 2025
Decarbonization & energy efficiency						
Reduce Scope 1 & 2 emissions by 90% and compensate residual emissions	DEGREE	% reduction	2019	2030	(90)%	(66)%
Achieve a 100% electrified fleet in accordance with market maturity[1]	Further target	% share	2021	2030	100%	39%
Transition to 100% electricity from renewable sources[2]	Further target	% share	2021	2030	100%	85%
Reduce Scope 3 emissions by 30% by 2030 and achieve net-zero by 2050	DEGREE	% reduction	2019	2030	(30)%	(11)%
Pursue Scope 3 upstream emissions reduction by 20%	Further target	% reduction	2019	2030	(20)%	1%
Achieve >1,000 Mt cumulatively in Customer Avoided Emissions	DEGREE	$MtCO_2e$	2023	2030	> 1,000	694
Improve our overall energy efficiency by 10%	Further target	% improvement	2021	2030	10%	54%
Resource efficiency & circularity						
Achieve Robust Eco Design for 100% of relevant hardware, software, and service portfolio	DEGREE	% share	2021	2030	100%	67%
Phase out selected substances of concern in specific applications in 100% of relevant products	Further target	% share	2024	2030	100%	25%
Substitute a share of standard thermoplastics with sustainability-enhanced thermoplastics in 50% of relevant products	Further target	% share	2024	2030	50%	31%
Provide recyclability statements to our customers for 100% of relevant products	Further target	% share	2024	2030	100%	65%
Pursue 100% sustainable product packaging of relevant products	Further target	% share	2024	2030	100%	13%
Support circularity by pursuing zero waste to landfill	DEGREE	% reduction	2021	2030	100%	52%
Drive biodiversity protection by implementing a conservation program at 100% of our relevant sites	DEGREE	% share	2024	2030	100%	55%
Preserve water resources by implementing a conservation program at 100% of our relevant sites	Further target	% share	2024	2030	100%	56%
People centricity & society						
Pursue pay equity by reducing the global adjusted pay gap[3]	DEGREE	% share	2024	annual	< 2.5%	2.0%
Sustain an inclusion level above 80%	DEGREE	% share	2024	annual	> 80%	78%
Increase our average total annual learning hours to 40 per person	DEGREE	hours	2024	2030	40.0	36.6
Maintain a Work Well-being Score above 80	DEGREE	score	2024	annual	> 80	84
Reach 3 million people in our business ecosystem and society with our learning offerings focused on digitalization and sustainability	DEGREE	no. people (in 1,000)	2024	2030	3,000	1,123
Support local communities around all our large sites through skills-based activities	Further target	% share	2024	2030	100%	45%
Maintain high level and expand access to Employee Assistance Program to 100% globally of our employees	Further target	%	2020	2025	100%	100%
Improve Siemens' globally aggregated Lost Time Injury Frequency Rate by 30%	Further target	no.	2020	2025	0.22	0.22
Ethics & governance						
Fight corruption globally through the Siemens Integrity Initiative by training 50k people and implementing 30 Collective Action initiatives	DEGREE	% fulfillment	2024	2030	100%	25%
Accelerate cybersecurity resilience by covering 100% of our relevant applications with Siemens Zero Trust	DEGREE	% fulfillment	2024	2030	100%	62%
Increase our EU Taxonomy revenue alignment rate	DEGREE	% share	2024	annual	> 45.6%	52%
Strive to train 100% of our people on Siemens' Business Conduct Guidelines every three years	Further target	% share	2023	2025	100%	99%

Scope: Siemens w/o Siemens Healthineers

[1] Siemens Group value as shown in Sustainability Statement: Baseline: 1.5% in FY21 | Actual FY25: 33%
[2] Siemens Group value as shown in Sustainability Statement: Baseline: 66% in FY21 | Actual FY25: 86%
[3] Consistent with applicable law

Sustainability ratings for Siemens Group

We're proud that our commitment to sustainability is reflected in public sustainability assessments and ratings. Siemens participates in key ratings to ensure transparent and comparable information on sustainability performance for capital markets and customers. Ratings also give us important insights that assist in our continuous improvement.

We've achieved the highest possible recognitions across three leading sustainability ratings. Our Ecovadis rating remains at the Platinum level, with an improved score from 80 to 86; our MSCI ESG rating has been upgraded from AA to AAA; and CDP placed us on the A lists for Climate Change and Supplier Engagement.

ecovadis

Platinum

(86 points)

Platinum medal awarded (Top 1% of all companies assessed)

CDP

A

Over 10 years at leadership level (A/A-) in Climate Change and Supplier Engagement (SEA)

MSCI

AAA

Constant leader for 10 years (AAA/AA)

ISS ESG

Prime

Prime status in ESG Corporate Ratings since 2016

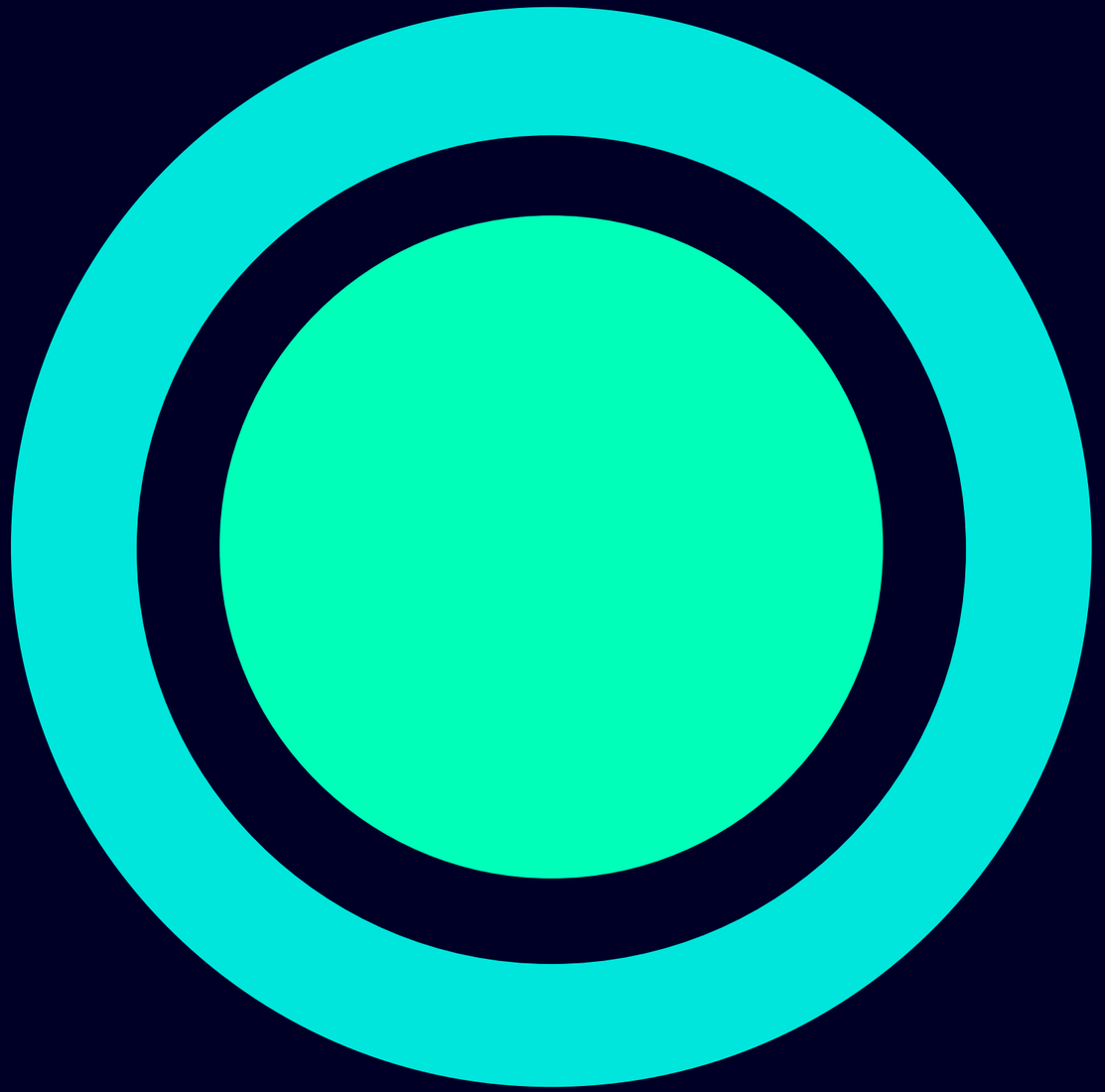
MORNINGSTAR | SUSTAINALYTICS

23.0

Strong score in “Carbon – Own Operations” risk management

SIEMENS

We transform the everyday, for everyone.



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