

Siemens in the Pacific Region

2024

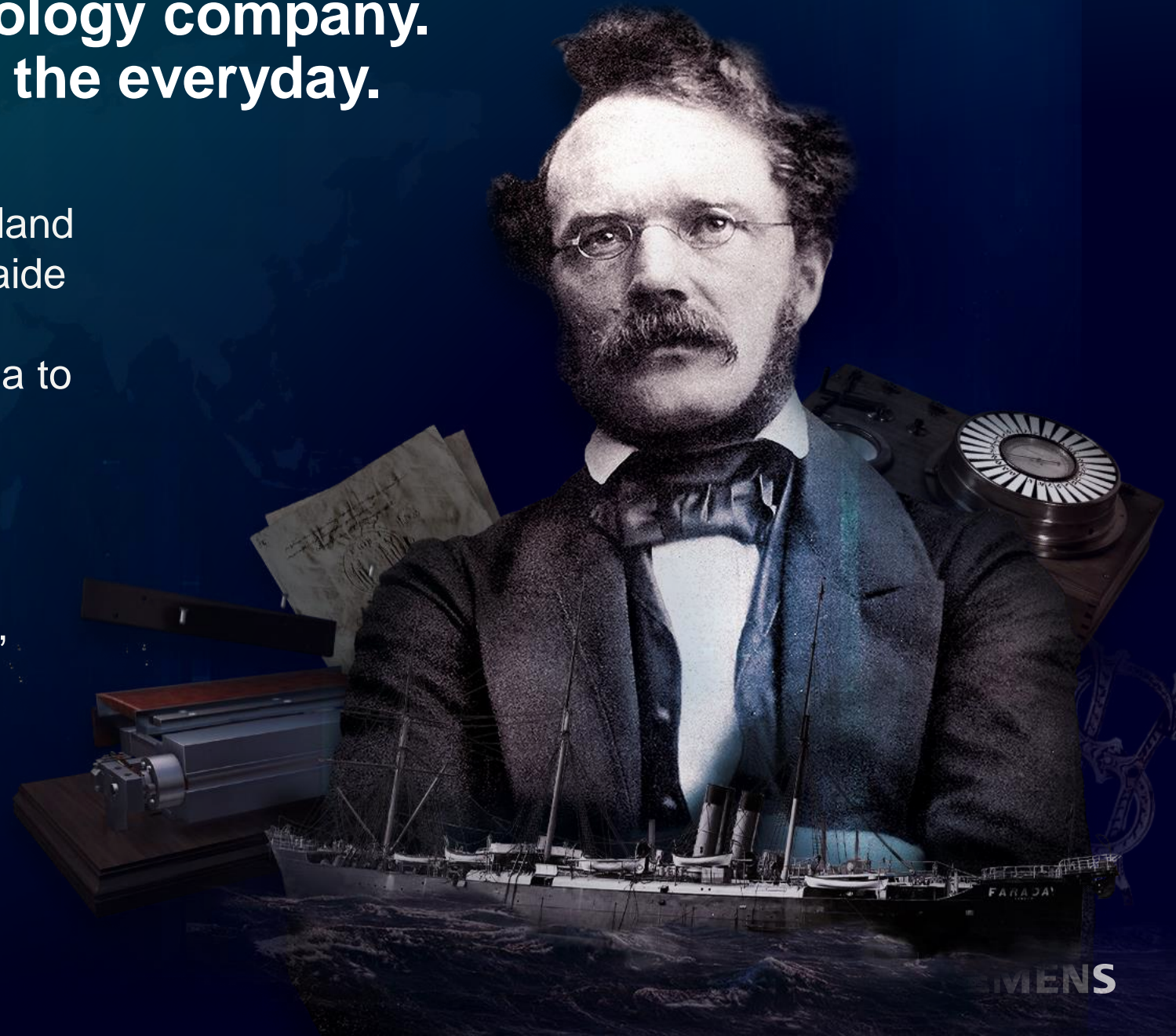
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Siemens is a leading technology company. Our technology transforms the everyday.

Our operations in Australia and New Zealand began over 150 years ago, with the Adelaide to Darwin Overland Telegraph Line that transformed communication from Australia to the world.

Today, we combine the real and digital worlds to accelerate the sustainable transformation of industries, energy grids, transportation and buildings.





SIEMENS

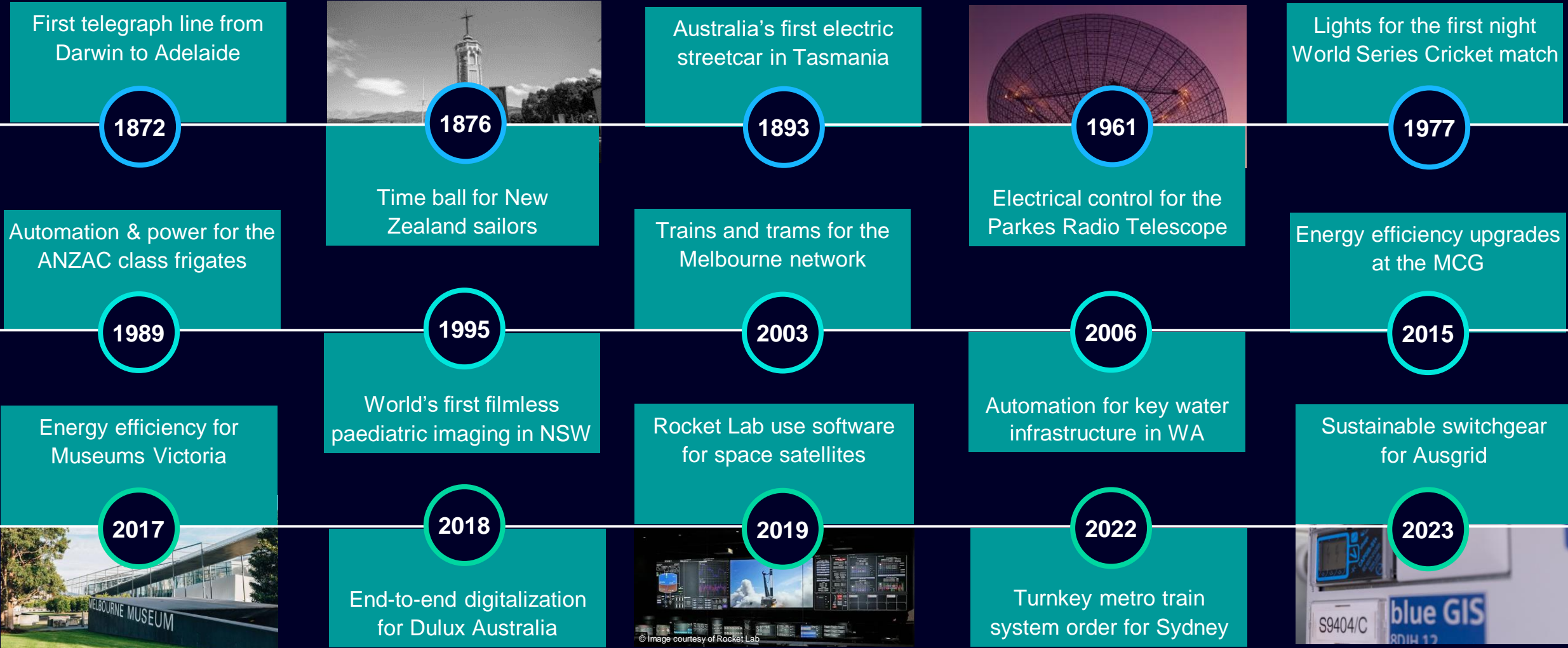
“We believe that digitalization is the key to accelerating sustainability. Australia’s contribution to global carbon emissions is just over 1% and we need to embrace technologies that get us there faster.

“The rapid deployment of renewable technology is critical to meet our targets. So is the rapid deployment of digitalization, which could ease the burden as well as accelerate innovation to drive outcomes beyond the borders of Australia - beyond the 1%.”

Peter Halliday
CEO, Siemens Australia & New Zealand



A snapshot of our history in Australia and New Zealand



As a global technology company, we empower our customers to make their industries more sustainable

320,000

Employees¹

A\$127.9 bn

Revenue²

A\$14 bn

Net income³

15.4%

Profit margin
Industrial Business²

1 As of September 30, 2023 | 2 In Fiscal 2023, converted to AUD | 3 Continuing and discontinued Operations, converted to AUD



**With a footprint across Australia & New Zealand,
we're a local partner where you need it most.**

2,200

employees in the
Pacific region

A\$ 3.2 bn

worth of technology supplied to
the local market in new orders

A\$1 bn

of equity and debt commitments to support local
businesses, public and private infrastructure

All figures as of September 30, 2023, inclusive of Siemens Mobility and Siemens Healthineers. Figures exclude Siemens Energy & Siemens Gamesa.

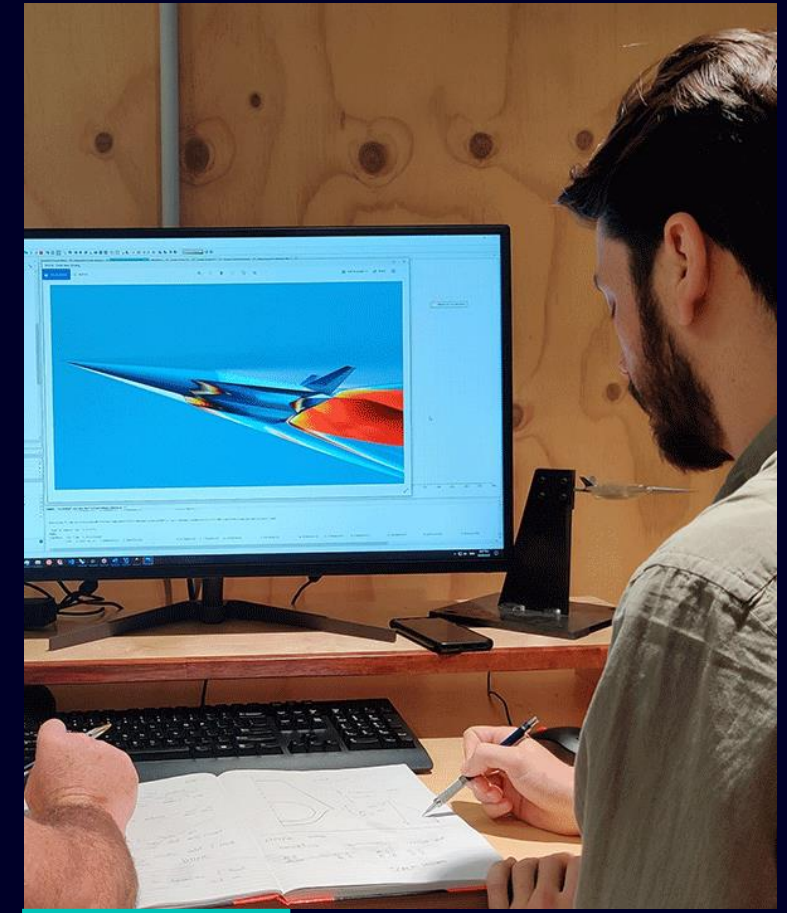


Technology to Transform **the Everyday**



We watch sport in stadiums
made efficient with Siemens
technology...

...drink beer manufactured
using the latest **automation**...



...and help local companies
send **vehicles** into space.



We commute in cars designed with **Siemens software**...

...built in factories running on **Siemens automation**...

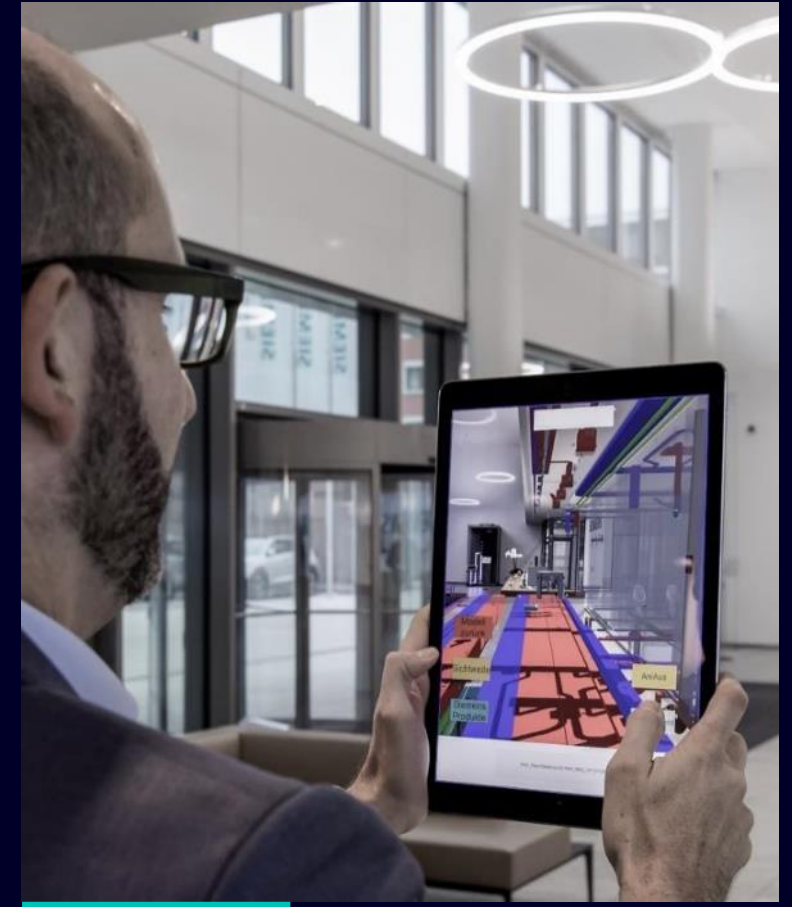


...and charged by a Siemens **smart grid**.



We work in smart buildings that **promote** our **health** and **safety**...

...that use energy with **maximum efficiency**...



...and connect the **physical** and the **digital** workplace.



We book our train tickets
with **Siemens software...**

...to travel on **trains
made by Siemens...**

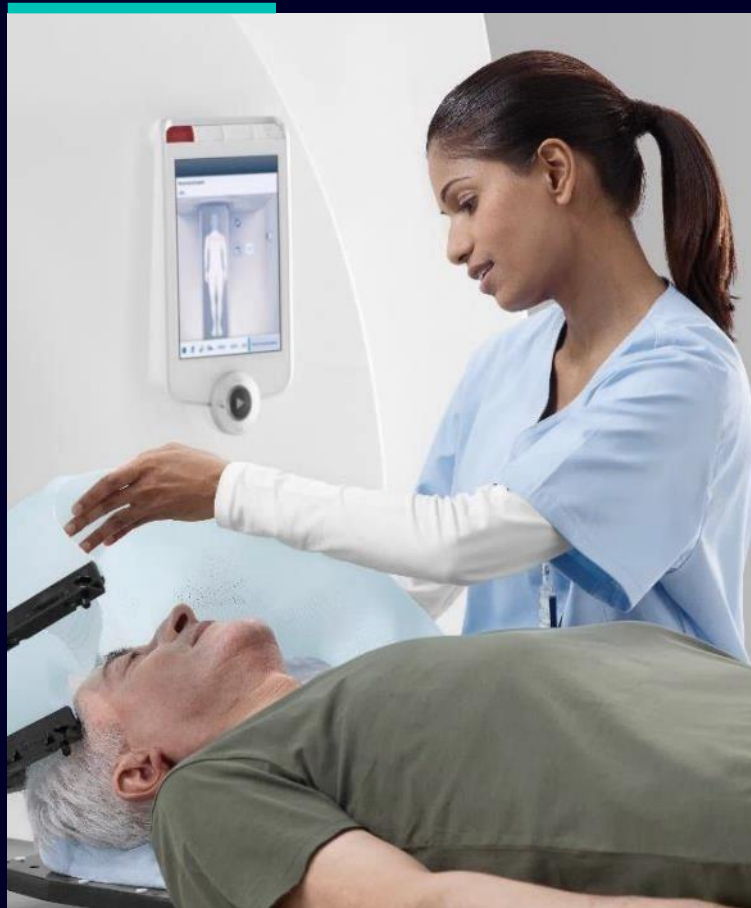


...operated with Siemens
infrastructure technology.



We rely on **life-saving** drugs and treatments ...

... as well as **accurate** medical diagnoses...



... all of which are made possible by **Siemens solutions.**

Digital transformation has the potential to drive progress and growth,
and reduce resource consumption

Industry



material savings can be realised using digital twins and innovative production technologies such as additive manufacturing.

Infrastructure



of energy worldwide is consumed by building operations.¹ Data analytics & automated building mgmt. can unlock large saving potentials.

Mobility



higher network capacity can be achieved through automatic train operation and by optimising train flows and rail operations.

Healthcare



faster door-in-door-out time for stroke patients is possible with AI-supported analysis of brain scans.²

Source: 1. World Green Building Council, | 2. Royal Berkshire Hospital NHS Foundation Trust - Time interval between patient arriving at the hospital and leaving from mechanical thrombectomy

We utilise our company core technologies in all businesses



Simulation &
Digital Twin



Sustainable Energy
& Infrastructure



Automation



Artificial Intelligence &
Data Analytics



Cybersecurity
& Trust



Advanced
Manufacturing &
Circularity



Software Systems
& Processes



Integrated Circuits
& Electronics



Power Electronics




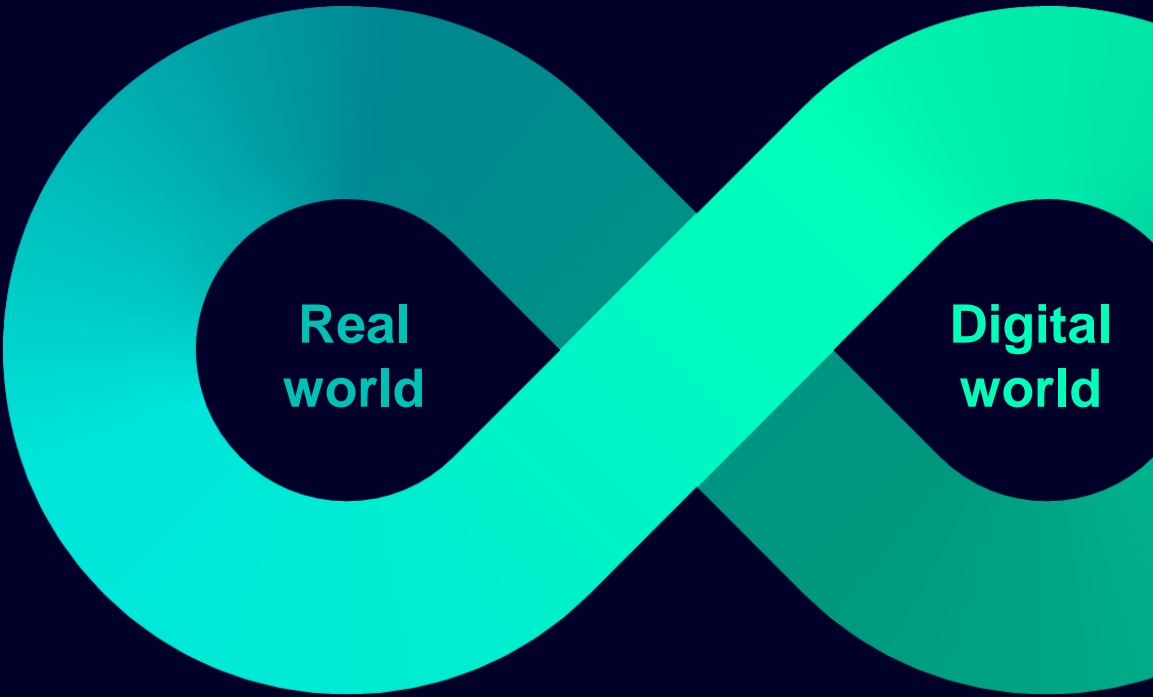
Connectivity
& Edge



User
Experience

Siemens empowers customers across key industries to master their digital transformation and sustainability challenges

| | | | | | | |
|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| Glass Production | Pharmaceutical Industry | Campus | Tire Industry | Mining Industry | Cement | Transportation and Logistics |
|  |  |  |  |  |  |  |
| Panel Building | Wind Energy | Pulp and Paper | Life Science | Healthcare | Oil and Gas Industry | Automotive Manufacturing |
|  |  |  |  |  |  |  |
| Airports | Electronics Industry | Semi-conductors | Data Centers | Machinery and Plant Production | Food and Beverage | Water and Wastewater Industry |
|  |  |  |  |  |  | |
| Chemical Industry | Municipalities and DSOs | Cranes | Intralogistics | Aerospace | Battery Manufacturing | |

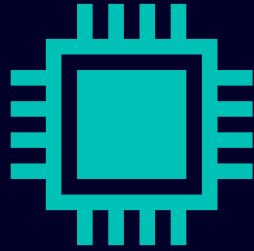


Our four strategic priorities



Customer impact

We anticipate what our customers need before they even know they need it.



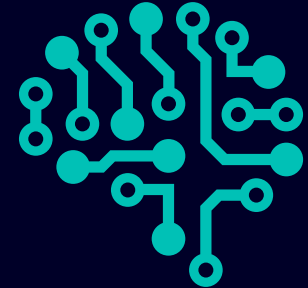
Technology with purpose

Innovative technology is at the core of Siemens and remains integral to the future we're building.



Empowered people

Driving progress by empowering our customers, partners and employees.



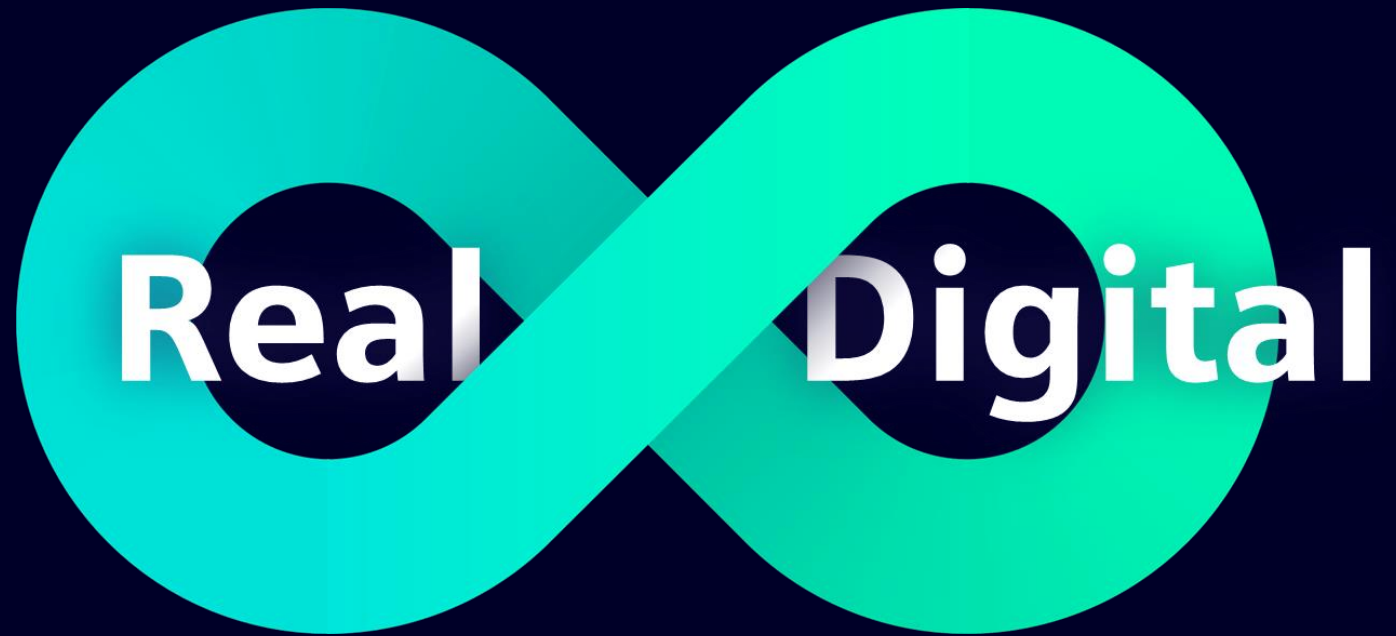
Growth mindset

Rather than make yesterday last, we are committed to building tomorrow – by learning and being open to change.

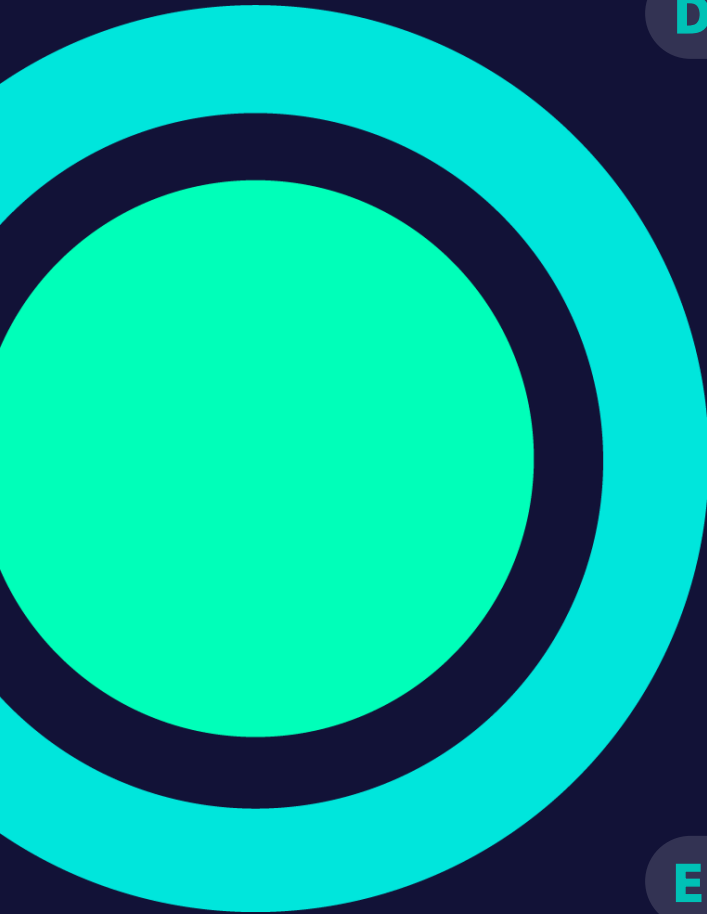
Transforming the
everyday to create
a sustainable **tomorrow**

Technology drives sustainability

We combine the real and digital worlds to make our customers more competitive, resilient and more sustainable.



Our **DEGREE** sustainability framework



Decarbonisation

Support the 1.5°C target to fight global warming

Ethics

Foster a culture of trust, adhere to ethical standards, and handle data with care

Governance

Apply state-of-the-art systems for effective and responsible business conduct

Resource efficiency

Achieve circularity and dematerialisation

Equity

Foster diversity, inclusion, and community development to create a sense of belonging

Employability

Enable our people to stay resilient and relevant in a permanently changing environment

A 360°
approach
to our core
sustainability
values

Siemens sustainability partnerships and commitments

Global challenges need a global approach to partners and standards

Environment and climate

- Science Based Targets initiative (SBTi): 1.5 degree Celsius target commitment
- The Climate Group: EV100, EP100, RE100 initiatives
- United Nations: Conference of the Parties (COP), Global Compact (UNGC) Working Group on Climate
- U.S. Department of Energy (DOE) Better Buildings initiative
- The World Bank Carbon Pricing Leadership Coalition (CPLC)
- The World Economic Forum (WEF): Alliance for Clean Air, Alliance of CEO Climate Leaders, ESG Practitioners
- The European Union (EU) Business and Biodiversity Platform
- The European Union (EU) Circular Plastics Alliance Declaration
- The Federation of German Industries (BDI) Circular Economy Initiative
- Responsible Minerals Initiative (RMI)


Social

- International Bill of Human Rights
- UN Guiding Principles on Business and Human Rights, UN Global Compact Women’s Empowerment Principles
- OECD Due Diligence Guidance for Responsible Chains of Minerals from Conflict-Affected and High-Risk Areas
- G7 and the International Labour Organization (ILO), e.g. Declaration on Fundamental Principles and Rights at Work, Vision Zero Fund
- The European Union (EU) Agency for Safety and Health at Work (OSHA)
- Global Business Initiative (GBI) on Human Rights
- The International Organisation of Employers (IOE) Global Occupational and Health Network (GOSH)
- Healthy Workplaces Lighten the Load
- One Young World (OYW)
- Charter of Trust
- The World Economic Forum (WEF) Chief Health Officer Group

Governance

- UN Agenda 2030 incl. 17 Sustainable Development Goals (SDGs)
- 10 Principles of UN Global Compact, UN Convention against Corruption (UNCAC)
- OECD Guidelines for Multinational Enterprises
- OECD Anti-Bribery Convention
- The World Business Council for Sustainable Development (WBCSD)





Limited Assurance
in line with Global
Reporting Initiative



Reporting in line
with CDP

Disclosure

Support for World Economic Forum
Intl. Business Council (IBC) Measuring
Stakeholder Capitalism



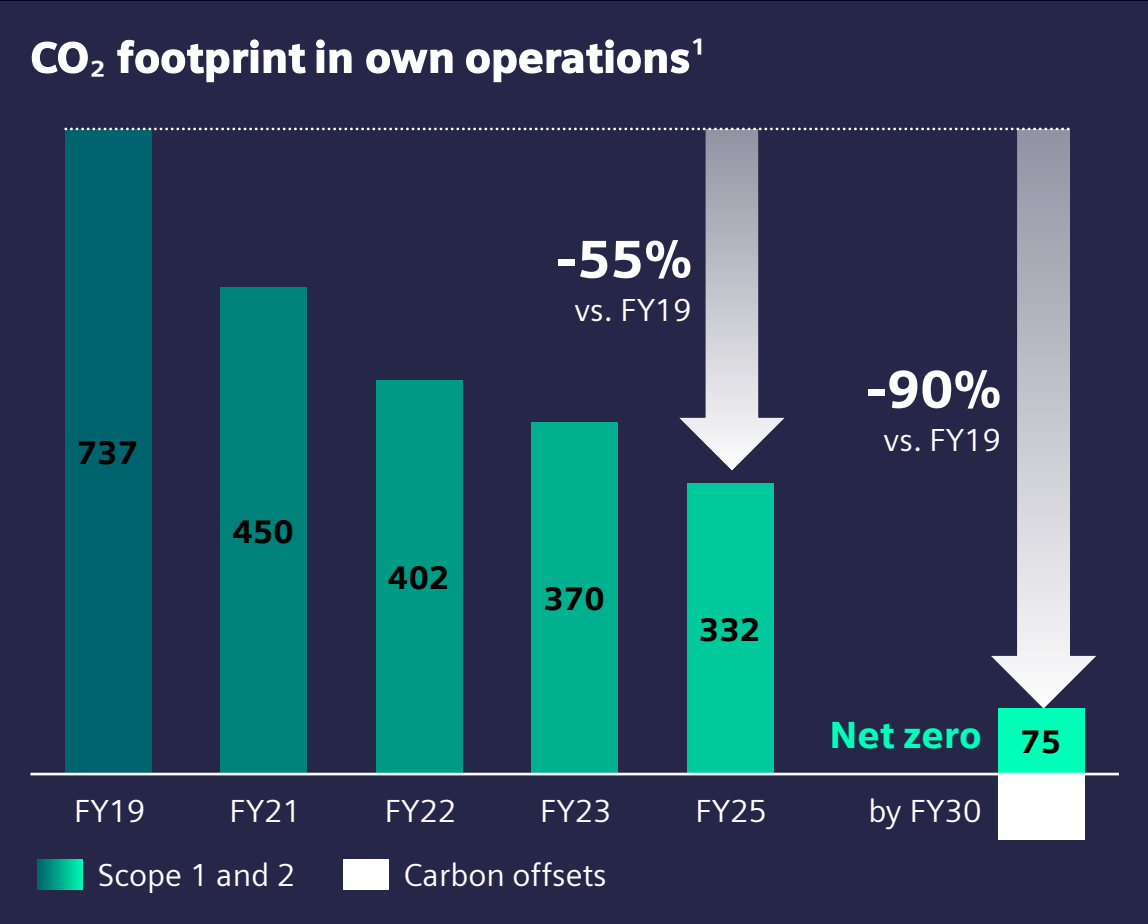
Supporting the Task
Force on Climate
related Financial
Disclosures



Mapping acc. to
Sustainability
Accounting
Standards Board

Net Zero Operations

Accelerated CO₂e emission reductions in own operations



¹ Siemens without Siemens Healthineers (SHS), in 1,000 metric tons of CO₂e

We accelerate the emission reduction pathway (w/o SHS)

| | | |
|---|--|---------------|
| ✓ | FY25 reduction target of -55% and -90% by FY30 | DEGREE target |
| ✓ | CO ₂ footprint reduced by 50% from FY19 to FY23 | |
| ✓ | Already 11% electric cars at Siemens (up from 4% in FY22) | |
| ✓ | Already 80% of electricity from renewable sources | |
| ✓ | Invest of ~€650m in operational decarbonisation between FY22–FY30 (for fleet electrification, buildings, and production emissions) | |

Our Siemens commitments (w/ SHS)

| | | |
|---|--|--|
| ✓ | Validated 1.5 °C-aligned SBTi (2021) |  SCIENCE BASED TARGETS DRIVING AMBITIOUS CORPORATE CLIMATE ACTION |
| ✓ | 100% electrical vehicles, 100% renewable energy, and 100% net zero buildings by 2030 | |
| ✓ | 2015 Carbon-neutral commitment by 2030 | |

CLIMATE GROUP
EP100

CLIMATE GROUP
EV100

CLIMATE GROUP
RE100

CLIMATE GROUP

>90%
of Siemens' business
enables customers
to achieve a positive
sustainability impact*

By combining the real
and the digital worlds,
we support our customers
along key impact areas



**Decarbonisation
& energy efficiency**



**Resource efficiency
& circularity**



**People centricity
& societal impact**

* 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. We anticipate reducing this number over time. Applies to Siemens without Siemens Healthineers.



Australia generates about 1% of the world's emissions.

Our current efforts are focused on addressing that 1% with challenging 2030 emissions reduction targets, as well as the target of Net Zero by 2050.

But could we do more?



Digitalization is critical to meet Australia's targets and go beyond 1%.
The result is a better outcome for business, society and the environment.

Australia's legislated commitments: This won't be easy!

2030

43% reduction in
emissions



2030

82% renewable
energy

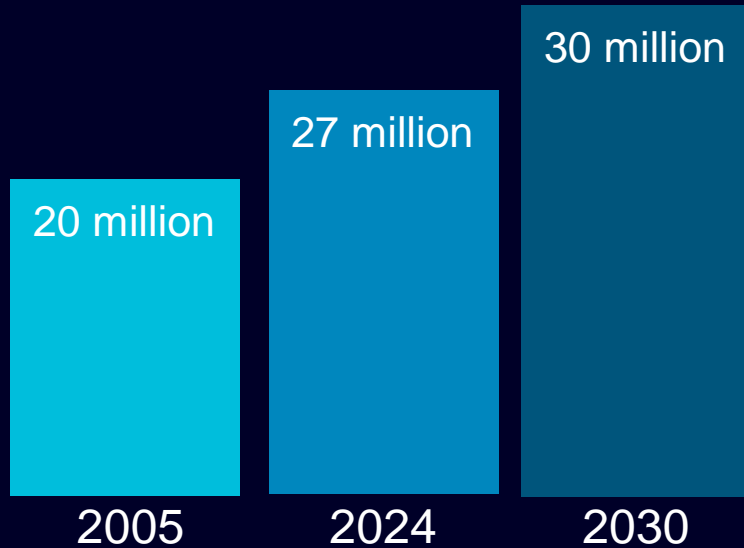


2050

Net Zero



Population increase by 50%



NET ZERO AUSTRALIA

“Australia will need to **triple** the National Electricity Market’s power capacity by 2030 to be on track for net zero by 2050.”

April 2023

“...storage needs to **expand by a factor of 30 by 2050.**”

Daniel Westerman
CEO, AEMO



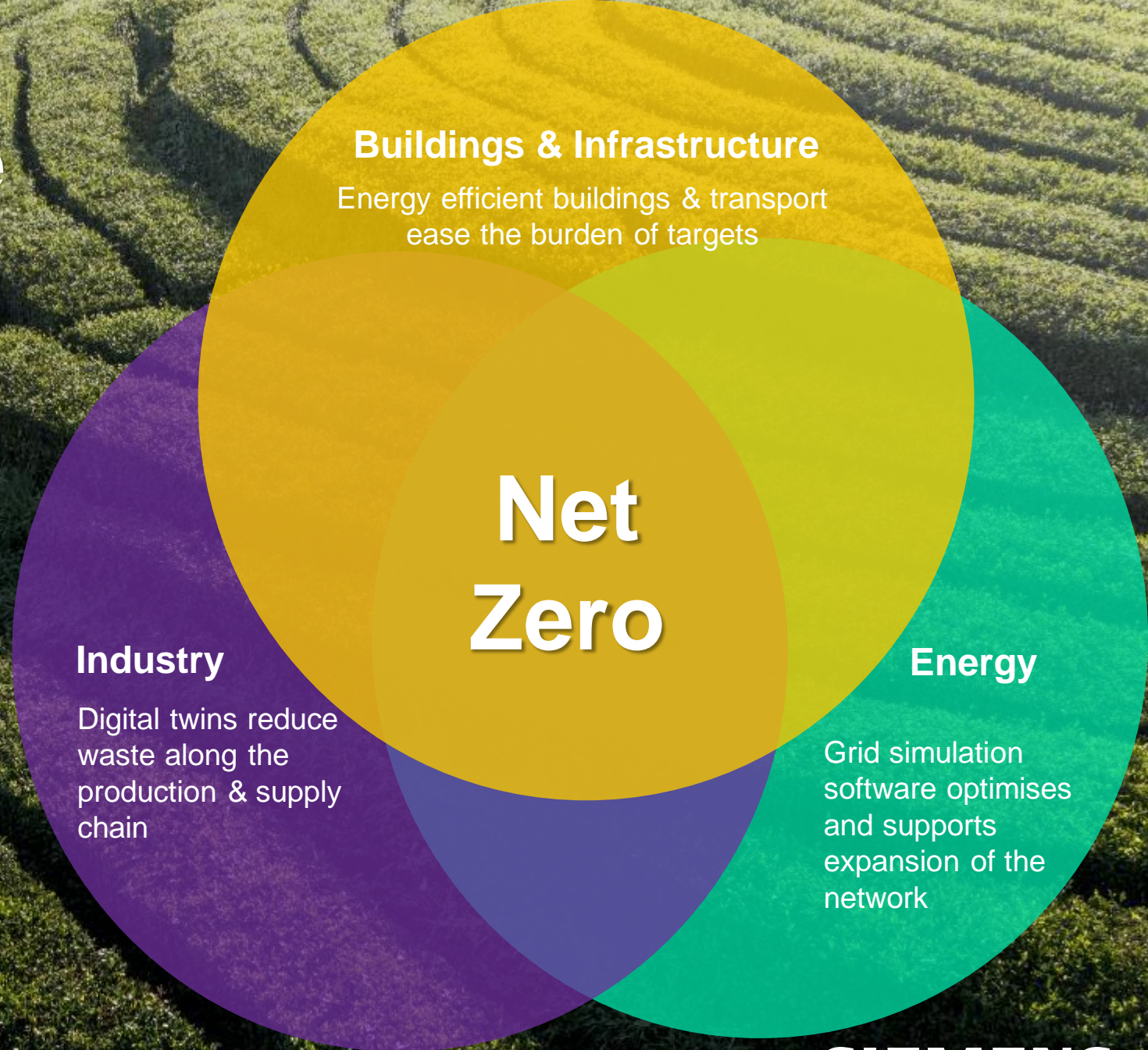
In April 2023, the Minister for Climate Change & Energy highlighted the magnitude of the challenge, saying that to meet our 2030 targets, we need to install:

- 22,000 500W (solar) panels every day
- 40 x 7 MW wind turbines every month
- 10,000 km of new transmission lines

**So how do we ease
the burden?**

**There are many
paths to Net Zero...**

**Accelerating
digitalization
is key.**





Beyond 1% Example

Patrick Terminals Sydney Port of the Future

Digitalization and automation logistics infrastructure supporting Australia's journey to Net Zero:

- Replaced **800** trucks with a single train wagon
- **450** diesel trucks off the road each day

- Automated rail gantry cranes
- 1st time in the world where the operation has been fully automated
- Fastest and most efficient terminal in the country
- Allows capacity to increase from 150,000 containers to 500,000 containers per year

Siemens Swinburne Energy Transition Hub

- Most advanced energy grid simulation hub of its kind in Australia
- \$5.2 million hub features some of the world's most advanced energy software
- The Hub simulates digital twin of Australia's energy grid, enabling future energy scenarios mapping



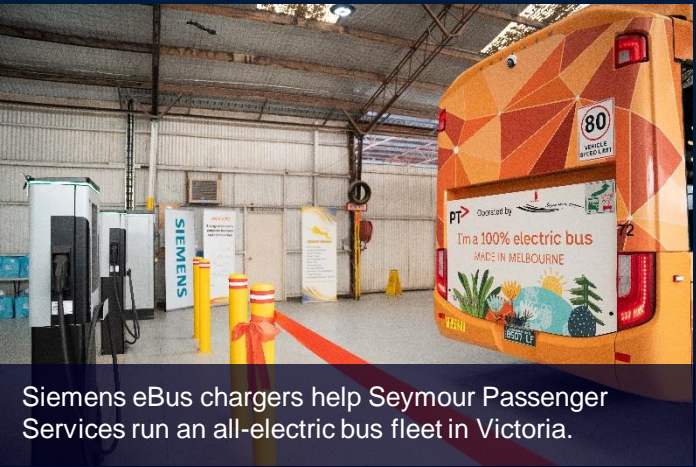
“By expanding and modernising our grid, we will enable cheaper, more reliable renewable energy to be delivered.”

Hon. Lily D'Ambrosio
Victorian Minister for Energy & Resources

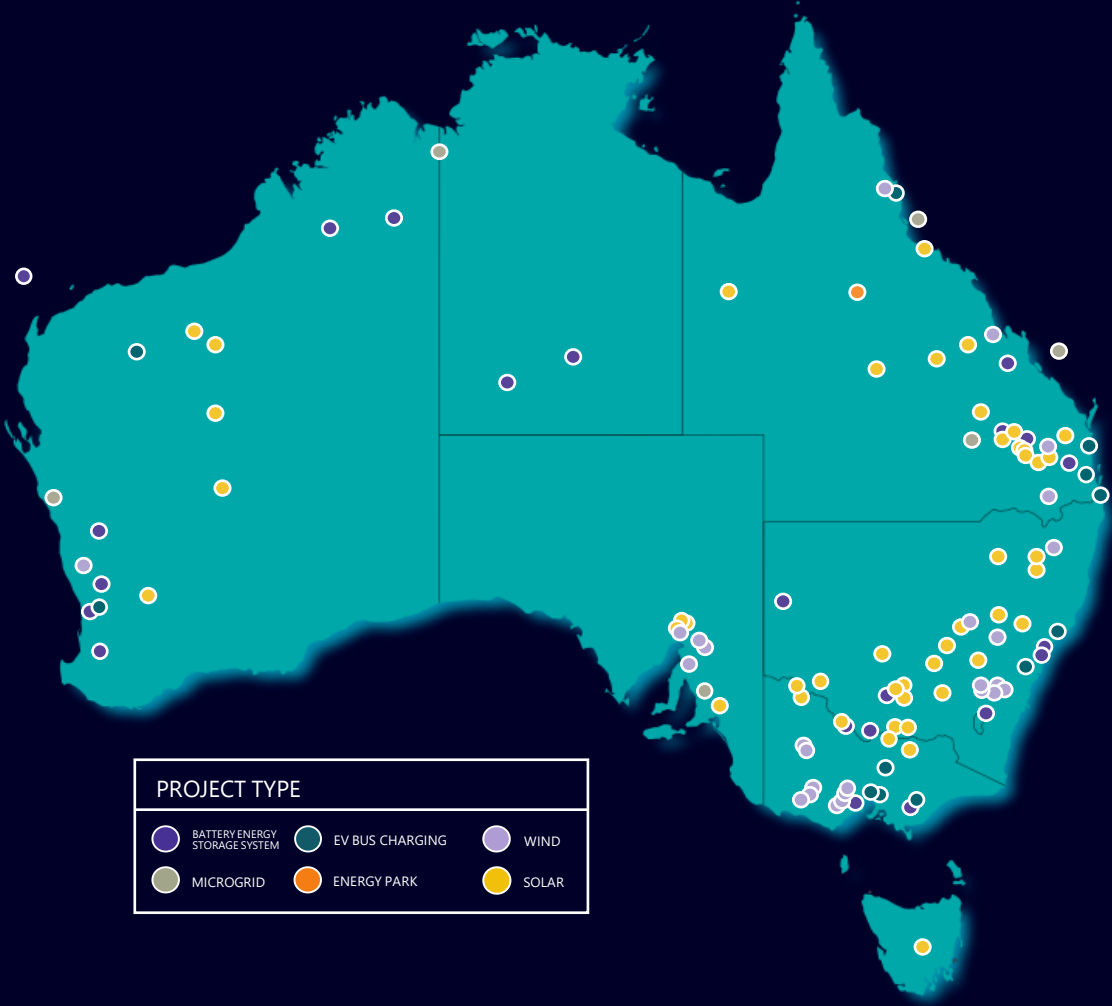
Siemens technology directly supports Australia's energy transition



Our medium voltage energy technology is embedded in the Hornsdale wind farm in South Australia.



Siemens eBus chargers help Seymour Passenger Services run an all-electric bus fleet in Victoria.



Making the switch from SF₆

Sustainability in gas-insulated switchgear



Ausgrid is the first in Australia to install Siemens' blue gas insulated medium voltage switchgear. It uses climate-neutral 'clean air' instead of SF₆.



Commonly used in industry, fluorinated greenhouse gases (F-gases) have high global warming potential. The SF₆ variant that is traditionally used in insulation products has about 25,200 times the impact of CO₂ on global warming.

1 kilo of SF₆ = 25,200 kilos of CO₂



How does Australia go Beyond 1%?

Accelerating digitalization also
accelerates **innovation.**

Bottling **Artificial Intelligence** for Sustainability

Robot laser cleaning system for glass moulds

- AI maps path for laser in two seconds, compared with up to two days when mapped by an expert programmer without AI.
- Eliminates supply chain emissions (no chemicals or ceramic beads).
- Reduces energy used on site by 30%.



Beyond 1% Example

This one innovation has the potential to:

- Reduce raw materials waste globally by 700,000 tonnes per year.
- This would result in over 1 billion kg less CO2 in the world each year.

Fires emit more
CO₂ than global
road, rail,
shipping & air
transport
combined.

Local
innovations are
making a
difference...

Siemens Fusesaver™ is an Australian innovation, exported to over 30 countries. It's the **world's fastest** medium voltage vacuum circuit breaker.

Power is interrupted before an arc can occur, significantly mitigating the potential to ignite a fire.



World's first fully automated fire-retardant loading system for aircrafts.

The system has sped up loading time by around 50%, which means getting more planes in the air, fighting fires, faster.



Reference Projects

Our technology helps
local companies
do amazing things.



1 kilo of SF₆ = 25,200
kilos of CO₂

Sustainable switchgear

Ausgrid

Ausgrid is the largest distributor of electricity on Australia's east coast. It is also the **first in Australia** to install our innovative 'blue' Gas Insulated Switchgear (GIS).

Blue GIS uses climate-neutral 'clean air' to replace SF₆ gas. SF₆ is the most potent greenhouse gas and has about **25,200** times the impact of CO₂ on global warming.

“Every step towards net zero is important, and the positive impact of the electricity industry moving away from damaging SF₆ cannot be understated.”

Craig Wilson, Ausgrid Sustainability Manager



Energy efficiency

Melbourne Cricket Ground

“In the seven-year period of the energy performance contract with Siemens, we’ve saved over **A\$5 million** in energy costs and reduced greenhouse gas emissions by a colossal **50,089 tonnes** of CO₂.”

Stuart Fox, CEO,
Melbourne Cricket Club



Tracking supply chain emissions Tucker's Natural

The South Australian artisan baked snack producer has become the **first** food and beverage company in Australia to track and measure its supply chain emissions using Siemens' innovative **SiGREEN** platform.

“Put simply – we can’t reach Net Zero without tracking supply chain emissions. Siemens SiGREEN has enabled us to do this in a way that provides verifiable data. The results have been invaluable.”

Sam Tucker, Managing Director, Tucker's Natural



Fighting fires with automation

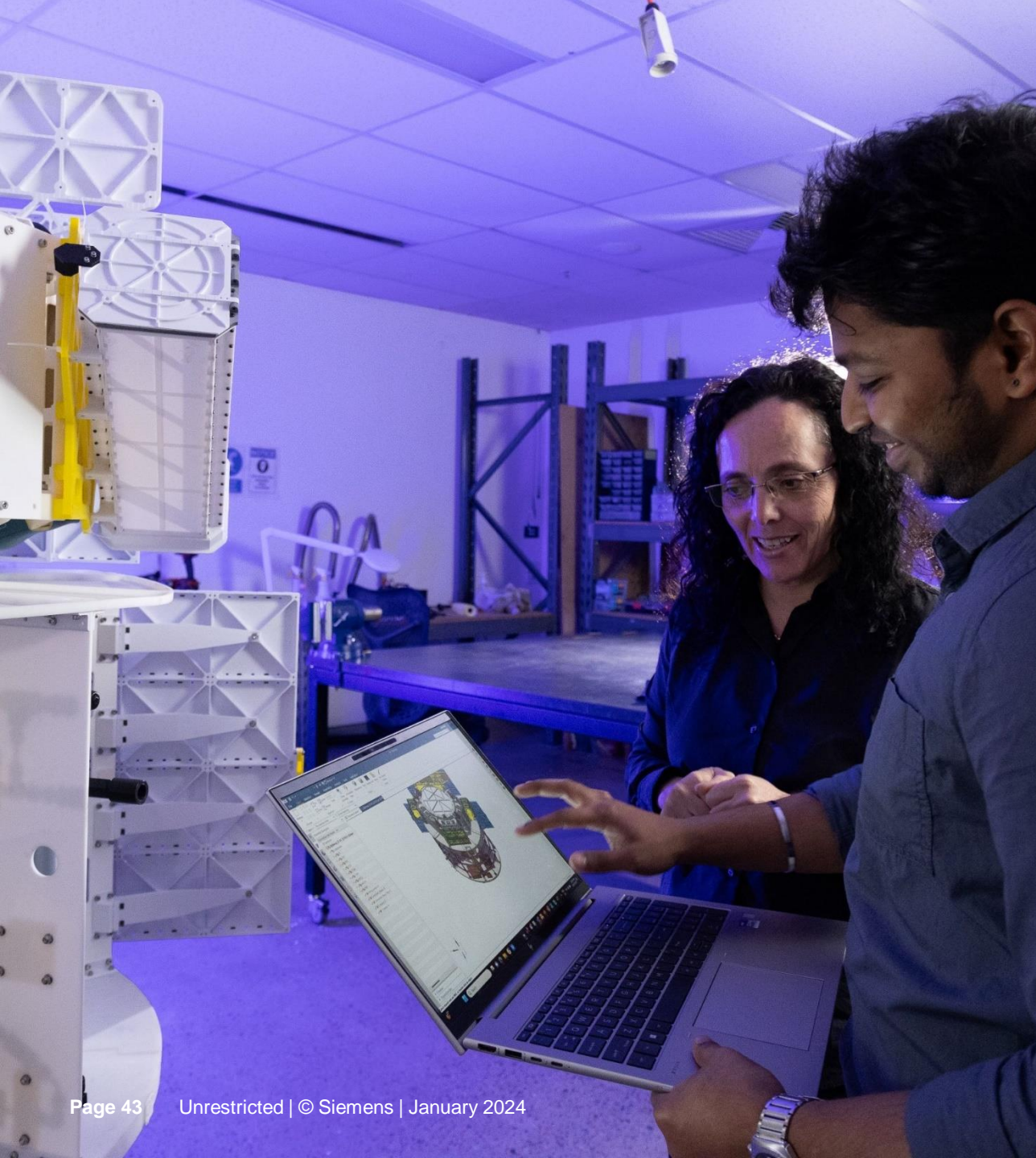
NSW Rural Fire Service

The **world's first** fully automated fire-retardant loading system for aircrafts helps save critical response time and increases safety and efficiency for the New South Wales Rural Fire Service.

A co-creation approach to product design and development by Siemens and Centric PA was used to develop the Retardant And Suppressant Computerised Aircraft Loading system (RASCAL).

50%
quicker

The system has sped up loading time by around 50%, ensuring aircrafts can get to fires faster.



Roadside assistance for space **Space Machines**

Australian startup Space Machines Company has used Siemens Xcelerator industry software to design and build the Optimus orbital servicing vehicle.

It is one of the largest commercial spacecrafts designed, manufactured, and assembled in Australia.

Teamcenter® X

The cloud-based software is a trusted tool for Space Machines Company, together with NX™ and Simcenter™ software for design and modeling, thermo-mechanical elements simulation, and analyses.



Security systems for hospitals

Monash Health

A 15-year partnership between Siemens and Monash Health was recognised at the 2023 Australian Security Industry Awards.

A recent project has been the successful planning and execution of security infrastructure for the newly-completed Victorian Heart Hospital, pictured left.

“The security enhancements delivered through this partnership have improved patient safety, staff well-being, and overall security.”

Peter Halliday, CEO, Siemens Australia and New Zealand



Onshore power supply for ships

Strait Link Shipping

Strait Link operates daily sea freight services between Tasmania and Victoria. The company is reducing emissions, noise, and vibrations with SIHARBOR.

Ships can shut down their diesel generators when berthed, drawing power from the local grid instead. SIHARBOR provides a fast, simple and flexible connection to the shore via a cable management system, allowing for sustainable and economical onshore power supply.

“Working with innovative partners such as Siemens on projects like SIHARBOR help us reduce air pollution and the noise impact on the communities. We want to lead the way in our local market.”

Jason Martin, Technical Manager, Strait Link Shipping



Bottling AI for sustainability

Automation Innovation

“We were able to develop an innovative solution for the glass bottling industry using a range of Siemens automation controls and software, combined with artificial intelligence and data analytics. This has been a fantastic example of what can be achieved through digitalization and automation.”

Walter Meyler, CEO,
Automation Innovation

This one innovation has the potential to reduce raw materials waste globally by **700,000 tonnes** per year.

This could result in over **1 billion kg less CO₂** in the world each year.



Port of the future

Patrick Terminals

Automated Rail Mounted Gantry Cranes are optimising operations at Patrick Terminals' Sydney Autostrad. This is the **first time** in the world where this operation has been fully automated.

The ARMG cranes were fully simulated with a **digital twin** and virtually commissioned. As a result of the project, the Sydney Autostrad is now the fastest and most efficient terminal in the country.

450
fewer trucks

450 diesel trucks have been taken off the road each day.



Software for the space industry

Gilmour Space

Australian space launch services company, Gilmour Space Technologies, is using cutting-edge solutions from the Siemens Xcelerator portfolio to digitally transform its design and manufacturing processes across its Queensland facilities.

“We’re unique in Australia in providing a full spectrum of launch services to our global customers. Siemens’ software will play a key role in our ongoing research, product and solution development as we grow into a globally competitive launch provider.”

Adam Gilmour, CEO, Gilmour Space



An all-electric regional bus network

Seymour Passenger Services

Siemens is powering Seymour Passenger Services' fleet with our electric chargers as part of the Victorian Government's Zero Emissions Bus Trial.

As a result, Seymour Passenger Service has become the **first regional town** in Victoria to operate an all-electric local route bus network.

"This pilot and the electrification of the transport network plays a critical role in Victoria's and Australia's energy transition."

Peter Halliday, CEO, Siemens Australia and New Zealand

A photograph of a modern Siemens building with a large glass facade. In the foreground, three people (two men and one woman) are standing on a paved area, looking at a dark-colored, rugged off-road vehicle. The vehicle has a roof rack and the text 'Applied EV' on its front bumper. The Siemens logo is visible on the building's facade.

SIEMENS

Software for autonomous vehicles

Applied EV

Applied EV specialise in digital control systems for autonomous vehicles.

Based in Victoria, they're utilising Siemens' high-tech industrial software systems to support the design, quality assurance and build of their next generation autonomous electric vehicles.

Teamcenter® X

The cloud-based software is a trusted tool for Applied EV's design and product quality workflows to help decrease costs and reduce time-to-market.



Digitalization for the modern energy market

AusNet

Siemens has assisted AusNet in the transition to the Australian Energy Market Operator (AEMO) 5 Minute Settlement Rule Change.

AusNet can now collect usage data from over 700,000 electricity meters, providing better price signals for investment in faster response technologies, such as batteries and renewables.

Data from **700,000**
electricity meters



Grid stability for power networks

Western Power

Siemens is improving **grid stability** with STATCOMs for Western Power's remote West Kalgoorlie–Boulder substation.

The technology is future-ready and can bridge the divide between traditional grid systems and **renewable energy**.

Digital Twin

The solution includes a digital twin of the Western Power grid network, allowing technicians to create a virtual replica of the network.



Advanced software for yacht racing

Emirates Team New Zealand

The defending America's Cup winners use Siemens software for the design and development of their racing yacht.

NX™ computer-aided design software is used to model the entire yacht and move through design iterations faster.

4

Emirates Team New Zealand have won the America's Cup four times making it the most successful team in modern history.



Meeting sustainability targets

RMIT University

Working with Siemens, RMIT achieved their sustainability targets four years ahead of schedule.

Upgraded building automation across the City campus and an autonomous cogeneration power system formed part of the solution, saving 16,500 tonnes of CO₂ per year.

39%
reduction

RMIT's City campus takes up roughly six percent of the central business district! A 39% reduction in electricity usage was achieved ahead of schedule.



Designing a Digital Shipyard

Birdon Group

Birdon provides solutions to the maritime, defence and resource sectors.

They're using Siemens software to develop a digital shipyard to service both Australian and international shipbuilding customers, including the US Army.

Teamcenter®

Birdon use Siemens' Teamcenter® software for Product Lifecycle Management (PLM), integrated with NX™ software for Computer-Aided Design.



Reducing methane emissions in cattle

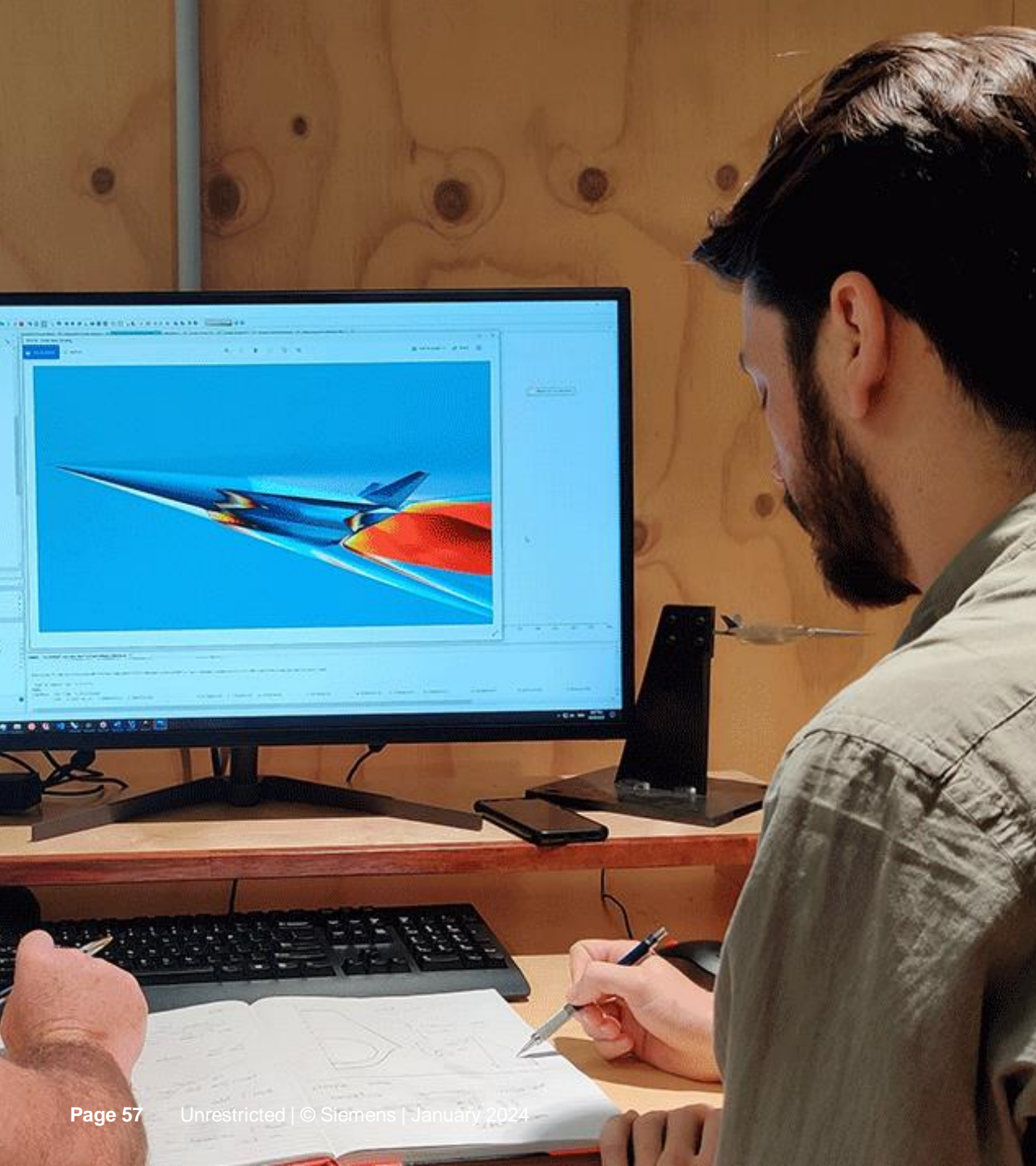
CH4 Global

Siemens and CH4 Global are collaborating on digitalization to help reduce methane emissions in cattle. Carbon emissions from the livestock industry are more than double the emissions from passenger vehicles.

CH4 Global has ambitions of reducing enteric methane emissions by using Asparagopsis seaweed processed as cattle feed supplements.

90%
reduction

CH4 Global aims to reduce methane emissions from livestock by 90%.



Advanced simulation for space **Hypersonix**

Brisbane-based engineering start-up Hypersonix is a key player in Australia's burgeoning space industry.

The company chose Siemens software to help design its **green hydrogen-fuelled sustainable and reusable** hypersonic launch vehicle. This is thought to be the first time scramjet engines will be used for small satellite launch.

Simcenter™

Simcenter™ STAR-CCM+™ software enabled Hypersonix to perform multiple simulations of air-flow around its Delta-Velos launch vehicle.



Scaling up fertiliser production

Agripower

Produced by Agripower, Agrisilica® is currently the only organic fertiliser certified for use in Australia, the US, the EU and India.

Automation technology has enabled Agripower to seamlessly go from pilot plant to full production capacity to meet global demand for amorphous silica.

40%
reduction

N₂O is a greenhouse gas that is around 300 times more potent than CO₂. Agrisilica can help can reduce N₂O emissions by up to 40%.



Our technology in action

Museums Victoria

Museums Victoria is Australia's largest public museum organisation and manages iconic sites like the Royal Exhibition Building and the Melbourne Museum.

Museums Victoria partnered with Siemens on an Energy Performance Contract (EPC), designed to pay for itself through reduced energy costs.

35%
reduction

Museums Victoria reduced its electricity usage by 35% with HVAC and lighting upgrades, solar panels, and a state-of-the-art building management system.



Our technology in action

Wolf of the Willows

Technology from Siemens allowed microbrewery Wolf of the Willows to pivot from kegs to cans during the COVID-19 pandemic.

Siemens' totally integrated automation forms the backbone of the Fermecraft solution, allowing for flexibility and ensuring a quality product.

28%
reduction

The fermentation cycle at Wolf of the Willows was reduced from around 25 days to 18 days.



Our technology in action

Keolis Downer

Siemens has delivered eBus charging solutions to Keolis Downer's new North Lakes depot in Brisbane.

It's the first all-electric bus depot in Brisbane, delivering on the Queensland Government's commitment to roll out more zero emission vehicles on to Queensland roads.

16
eBuses

The depot powers 16 zero-emission buses, serving more than 60,000 residents in Brisbane's northern suburbs.



Our technology in action

KAIJU! Beer

KAIJU! creates a range of hop-driven beer, all made at their brewery in Dandenong South, Victoria.

Siemens' totally integrated automation forms the backbone of the technology installed by Fermecraft, ensuring quality, reliability and flexibility.

The technology allows KAIJU! to visualise crucial brewery data. This has led to:

- faster production improvements;
- easier decision making;
- improved and consistent quality.



Our technology in action

Great Barrier Reef

Scientists at the Australian Institute of Marine Science (AIMS) study tropical marine environments in SeaSim, the **world's most advanced** research aquarium facility.

Siemens automation technology simulates ocean conditions and provides research teams with absolute control over variables such as temperature, acidity and salinity.

10%

More than 1,500 species of fish, or 10% of the world's fish species, inhabit the Great Barrier Reef.



Solar panels and smart sensors

Siemens Australia HQ

The Siemens Australia head office is now a smarter and more energy efficient building thanks to an energy performance upgrade.

The project included a solar installation, smart IoT sensors, an upgrade to the Siemens Building Management System, and LED lighting upgrades.

It was financed by Siemens Real Estate through a global fund earmarked for energy efficiency projects across Siemens sites.



Innovative aerospace technology

HeliMods

Digitalization drives innovation at HeliMods, where advanced software from the Siemens Xcelerator portfolio is used to design and install custom modifications for helicopters.

World-first innovations, such as the zero-lift, push-button powered stretcher loading system, are used by front-line paramedics in life-saving missions every day.

1st

HeliMods is the first company of its size in the Australian aerospace sector to fully digitalize its entire product design and manufacturing process.



Fast and easy installation
- typically in less than
30min per phase.

Reducing bushfire risk

Powercor

Following the Black Saturday bushfires, Powercor was required to replace legacy reclosers in their distribution network with the latest technology.

Designed and manufactured in Australia, Siemens **Fusesaver™** - the world's fastest medium voltage circuit breaker - was deployed by Powercor to improve the reliability and safety of its network.

With around **90,000** kilometres of distribution lines, Powercor delivers electricity to over **844,000** homes and businesses in Victoria.



Modernising Sydney's rail network

Sydney Trains

Sydney Trains is the operator of rail services across the metropolitan Sydney area, one of the busiest networks in the southern hemisphere.

Siemens Mobility is upgrading the rail network with a new Traffic Management System along with a signalling upgrade to an advanced digital ETCS-L2 train control system.

This work is part of the NSW Government's Digital Systems Program, a **'once in a generation change'** to enable more frequent and reliable services and increase capacity.



End-to-end digitalization Dulux Australia

Dulux's paint factory in Victoria can respond quickly to the latest trends, thanks to the end-to-end digitalization of all processes.

Advanced automation has created a paint production process that consistently delivers the highest quality paint faster than ever before.

“We can produce specialty paint batches **1/50th** of the size and in about **1/8th** of the time than previously possible in our other plant.”

Kevin Worrell, Project Director, Dulux Australia



Photo credit: Rocket Lab

Software for space Rocket Lab

Rocket Lab is a global leader in launch and space systems, delivering launch services, spacecraft, satellite components, and on-orbit management.

The company has implemented Siemens Xcelerator software to help digitally manage the lifecycle needs of the business.

“Investing in the right digital platforms that allow us to easily scale with growth is critical to the sustainability of our business.”

Shaun O'Donnell, Vice President of Global Operations, Rocket Lab



Intelligent systems

Coopers Brewery

Commencing production in 1862, Coopers Brewery is Australia's oldest family-owned and run brewery.

Coopers' Adelaide brewhouse operates using Siemens automation & software. Intelligent systems optimise data and ensure quality throughout all stages of the manufacturing process.

800%

Coopers' journey from mechanisation to automation and digitalization over the past 30 years has resulted in productivity gains of 800%.



Supporting grid stability

Tahiti Decarbonisation Project

A power conversion system from Siemens is playing a critical role in supporting the power, frequency and overall grid stability of Tahiti's energy network

The system integrates into a Battery Energy Storage System from Kokam, which offsets existing diesel generators.

75%

By upgrading the island's energy network, Electricité de Tahiti aims to produce 75% of the island's electricity from renewables by 2030.

Shaping **the future**

Industry & government partnerships



Siemens AG CEO Roland Busch announces a software donation to the University of Western Australia, accompanied by then Western Australian senator Mathias Cormann.

Empowering the next generation

Software grants for Australian universities

Preparing for Industry 4.0

A strategic grant program of Siemens hi-tech industrial software, with a combined commercial value of more than A\$1.5 billion, is enabling students to develop future-ready skills.

Recipients include:

- Swinburne University of Technology
- University of Western Australia
- University of South Australia
- University of Queensland
- University of Technology Sydney
- University of Tasmania
- RMIT University



Siemens and Swinburne University's Energy Transition Hub

- The most advanced future energy grid simulation hub of its kind in Australia is now available for industry and academia.
- \$5.2 million Hub at Swinburne's Hawthorn campus features some of the world's most advanced digital technology from Siemens.
- Hub simulates **digital twin** of Australia's energy grid, enabling future energy scenarios mapping.



Dr. Susan Close, Deputy Premier, South Australia; and Peter Halliday, CEO, Siemens Australia and New Zealand at the pilot launch.

South Australia

SiGREEN Pilot

Supporting the Food & Beverage industry's transition to Net Zero

Siemens has run the first Australian pilot of SiGREEN in South Australia, a unique Siemens tool which enables companies to track and manage verifiable Product Carbon Footprints (PCF) across their supply chain.

Tracking supply chain emissions

With over 90% of emissions originating in complex and distributed supply chains, SiGREEN captures and quantifies emissions data from this process.



Michael Hopkins, CEO, and Commissioner of the National Transport Commission; and Raffaëlle Guerineau, CEO, Siemens Mobility Australia and New Zealand

Memorandum of Cooperation Enhancing rail interoperability

Siemens Mobility has signed a Memorandum of Cooperation (MoC) with governments and industry, aimed at enhancing rail interoperability throughout Australia and addressing long-standing legacy issues in the rail industry.

By signing this MoC, Siemens Mobility as a key player in the global rail industry, shows its commitment to support the Australian Rail Industry with interoperable solutions, like the European Train Control System.



Memorandum of Understanding **NSW State Government**

Access to cutting-edge software

The MoU gives 25,000 students from the University of Technology Sydney access to new cutting-edge software, as part of a technology partnership across the areas of automation, digitalization and electrification.

Shaping the future of NSW

The MoU helps students develop the skills they need for the knowledge intensive jobs of the future in areas such as cloud computing, analytics and artificial intelligence.



Siemens – RMIT University

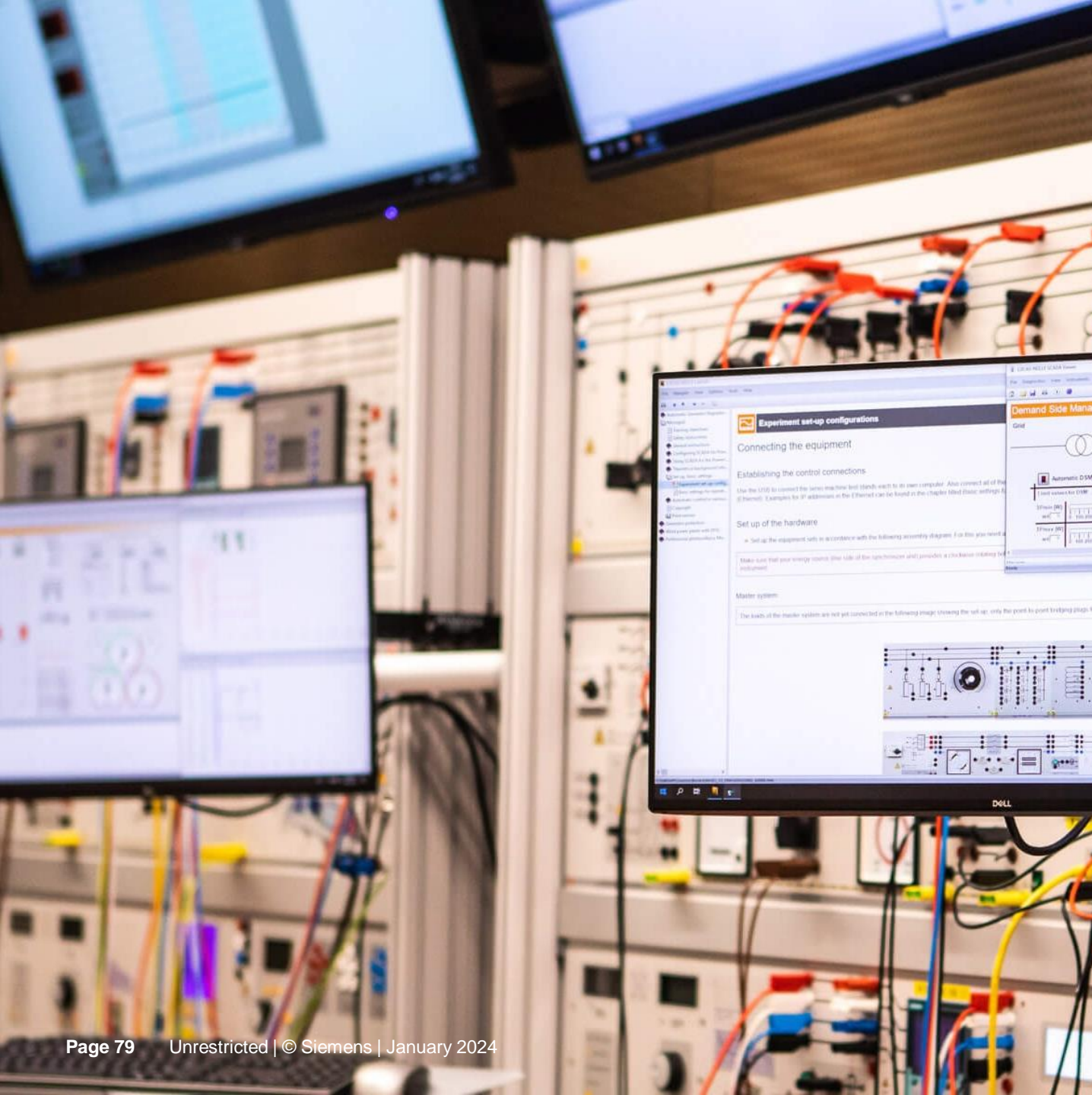
Digital Energy TestLab

Only TestLab of its kind in Victoria

The facility opens new education and research pathways to one of the nation's most critical topics – the future of energy for smarter and more sustainable cities.

Energy systems for smart cities

Harnessing the power of data analytics, IoT, simulation and the same hardware and software being used by new generation national networks, the future energy workforce can test and model real-world scenarios and optimise energy systems for smart cities.



University of Queensland

Industry 4.0 Energy TestLab

The TestLab is a “living laboratory” and provides researchers with a new and powerful platform for innovative research, supported by Siemens grid software.

The research focus of the Industry 4.0 Energy TestLab spans power and energy systems, microgrid, energy management, and cyber security.

We're an active member in local thought-leadership and industry organisations



Deutsch-Australische
Industrie- und Handelskammer
German-Australian Chamber
of Industry and Commerce

ENGINEERS
AUSTRALIA



Hydrogen
Society
of Australia

Shaping **the future**

Innovation and technology

Innovation is the basis for our success

A\$10.2 bn

R&D expenditures¹

50,000

R&D employees²

5,400

inventions¹

2,900

patent applications¹

Cooperation

with universities, research
institutes, and start-ups

16

Siemens Research and Innovation
Ecosystems (Siemens RIEs)

¹ In fiscal 2023, converted to AUD

² On average during fiscal year 2023



Our digital portfolio

Top 10

Siemens is one of the top 10 software companies¹

A\$9.9 bn

digital revenue¹ with 10% CAGR until FY2025



Data analytics



AI and IoT



Simulation tools

~430

digital offerings¹

A\$21 bn

invested in digital companies since 2007¹



New business models



Secure connectivity



Cyber-security

¹ As of September 30, 2022, converted to AUD

Siemens Xcelerator

Siemens is the partner of choice in digital transformation



A comprehensive, curated **portfolio** that includes digital and IoT-enabled offerings from Siemens and certified partners

A continuously growing, powerful **ecosystem** of partners

An evolving **marketplace** that enables education, exploration, exchange and transaction within a community of customers, partners and experts

The design principles of Siemens Xcelerator simplify digital transformation

Interoperable

Flexible

Open

As a service

+ Cybersecure



Easy

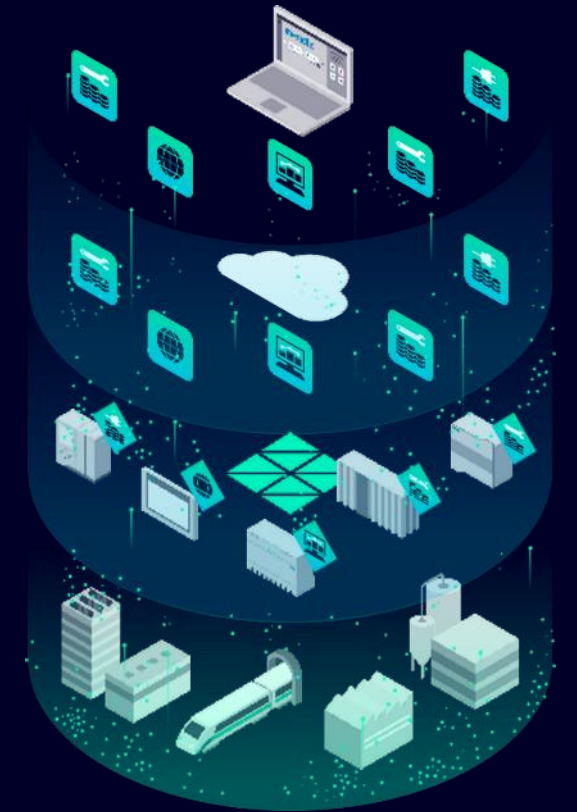
Easy to understand solutions

Fast

Proven, easy to integrate solutions
accelerate value creation

Scalable

The Siemens Xcelerator portfolio is future-proof, interoperable, and offers a pay-as-you-grow approach



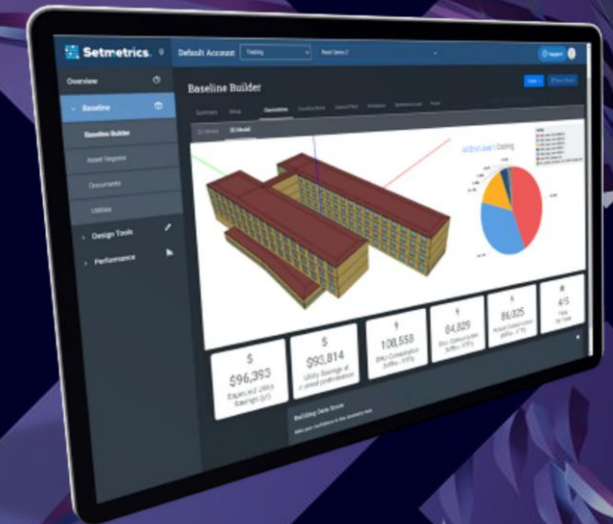
Bueno and Setmetrics become first Australian Siemens Xcelerator partners

Siemens has partnered with **Bueno** and **Setmetrics**, welcoming them as the first Australian companies in the Siemens Xcelerator ecosystem.

Both companies play a key role in making digital transformation easier, faster and scalable, focusing on sustainable solutions for the built environment.

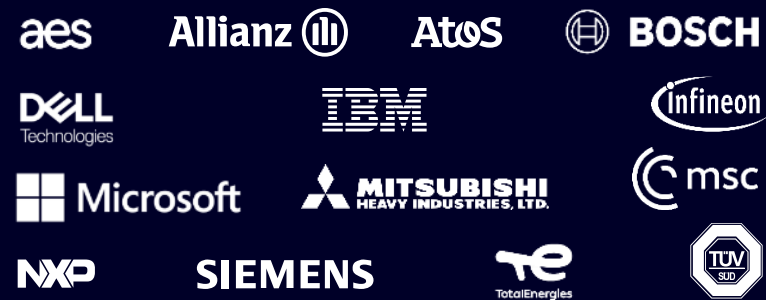
“We’re excited about the opportunities Siemens Xcelerator provides for the region and look forward to working closely with Bueno and Setmetrics and our customers, partners and stakeholders to support their digitalization journey.”

Peter Halliday, CEO, Siemens Australia and New Zealand



Charter of Trust

A joint initiative for a secure sustainable digital world



Associated Partner Forum



01

Protect the data of individuals and businesses

02

Prevent damage to people, businesses, and infrastructure

03

Build trust in the digital world

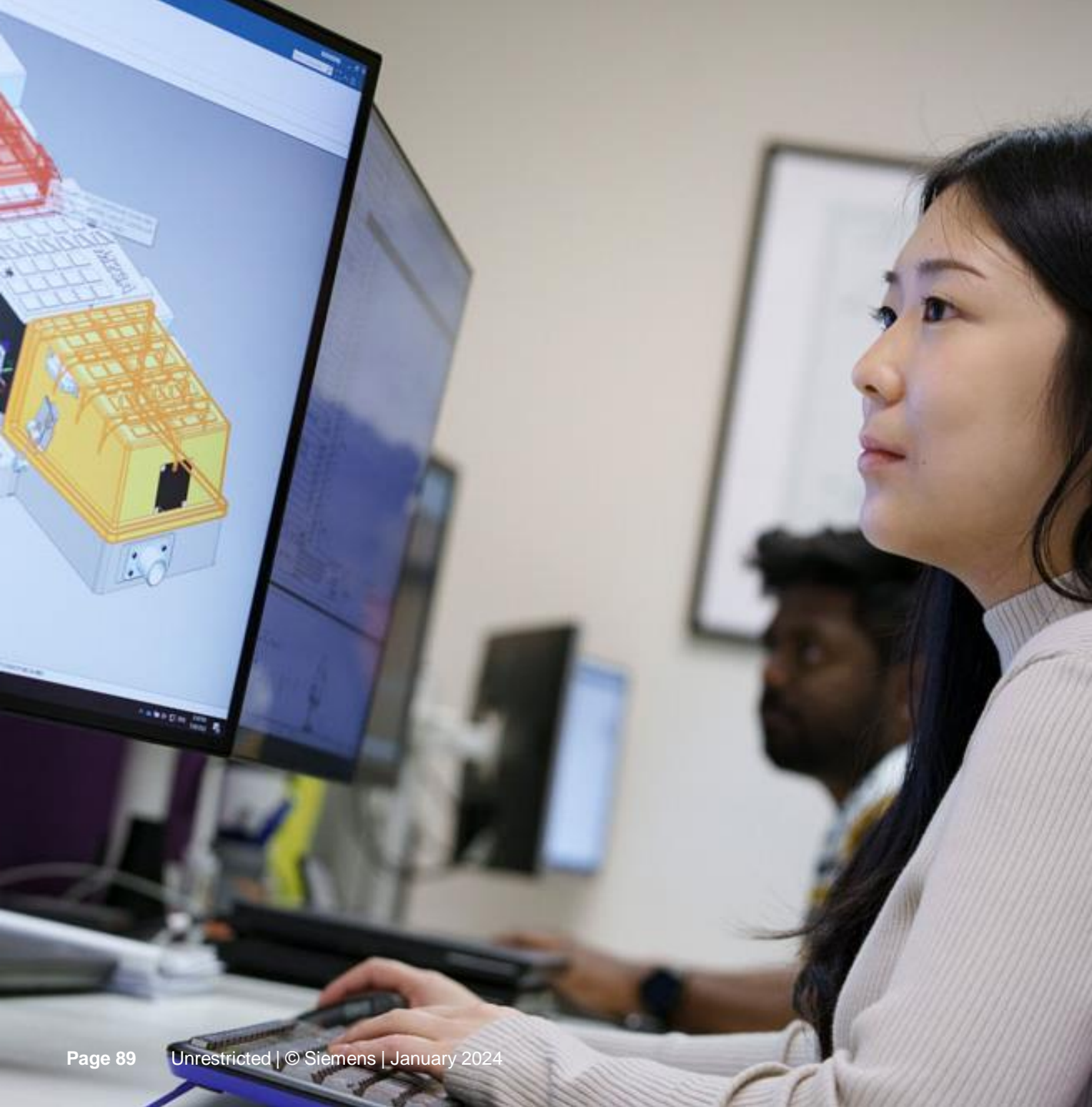


Local Research & Development

Overhead Medium Voltage Systems

**From start-up to scale-up:
The home of Fusesaver™**

- Siemens has invested ~\$25 million in the Competence Centre in Yatala, Queensland.
- The facility manufactures local innovation Fusesaver™, which is exported and used by energy utilities in over 30 countries to improve reliability of energy networks.
- A significant portion of the investment is earmarked to support the research and development of new products, like the recently released Compact Modular Recloser.



Local Research & Development

Siemens Mobility

The only trackside railway company with Australian Made recognition

- Demand continues to grow for the products designed and manufactured at our facility in Port Melbourne and for the services provided by our rail specialists.
- We've been manufacturing the point machine for almost **90 years**, with **15 patents** held by our local manufacturing sites.
- We are at the forefront of condition-based maintenance for rail and rolling stock with an R&D facility in Perth.
- Products and solutions from these facilities are exported around world to service global customers.

Shaping **the future**

Company initiatives

Our Reconciliation Action Plan

As the nation progresses in its reconciliation journey, we take the responsibility as a business to do so as well.

The development and implementation of our **Innovate Reconciliation Action Plan** is a key step to addressing some of the economic and social imbalances experienced by Aboriginal and Torres Strait Islander peoples and communities.

Learn more and download our Reconciliation Action Plan here:
sie.ag/InnovateRAP



Compliance

Zero tolerance for misconduct

High rankings

in Dow Jones Sustainability Index
in the category “Compliance” since 2009

US\$120 m

since 2009 to support organizations and
projects fighting corruption and fraud

>356,000

web-based compliance trainings
of employees each year, averaged¹

¹ Without Siemens Healthineers



Mobile Working

**2 to 3 days
per week**

Mobile working is the worldwide standard – for about **140,000 employees¹** at more than **125 locations** in **43 countries**

With the Hybrid Working Model, our people can choose where² they work to maximize productivity and well-being. In consultation with their managers, our team members have the autonomy to determine their most effective work environment.

We equip our people with the tools and technologies necessary to work seamlessly from anywhere.

¹ Number of job profiles that are suitable for mobile working.

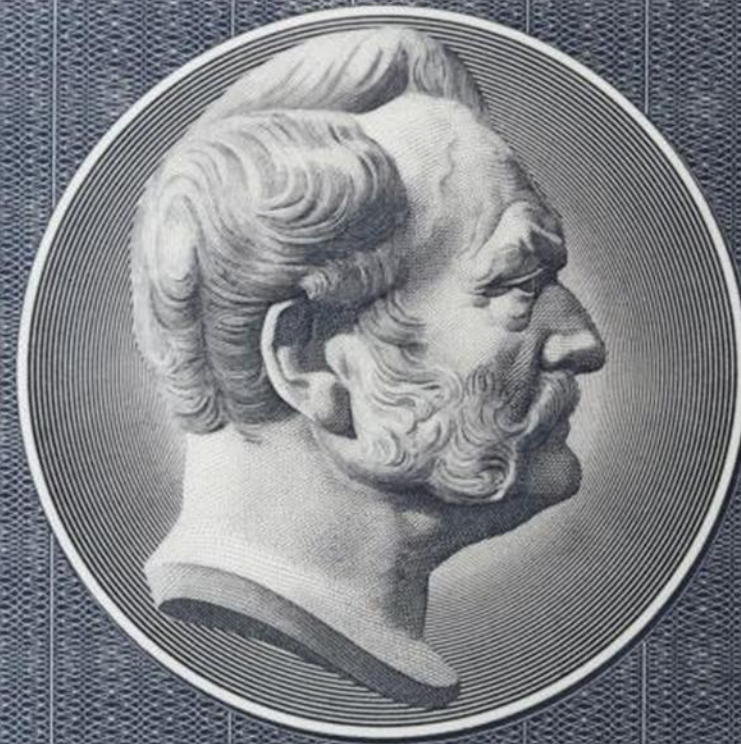
² Adhering to local laws and restrictions



~170,000

Siemens employees
are shareholders
of the company¹

¹ As of September 30, 2023. This number includes only employees who received and still hold Siemens AG shares through participation in Siemens Share Plans. Employees who hold Siemens AG shares exclusively in their private capacity are not included.



SIEMENS

DER INHABER DIESER STAMMAKTIE IST MIT FÜNF
AN DER SIEMENS AKTIENGESELLSCHAFT, BERLIN
NACH MASSGABE DER SATZUNG ALS AKTIONÄR

EINE AKTIE

SIEMENS AKTIENGESELLSCHAFT

AUFSICHTSRAT

VORSTAND

SIEMENS

Businesses and **Services**

Global businesses and services of Siemens

Industrial Business

Digital Industries



Smart Infrastructure



Mobility



Siemens Healthineers¹



Portfolio Companies



Siemens Advanta



Services

Siemens Financial Services



Siemens Real Estate



Global Business Services

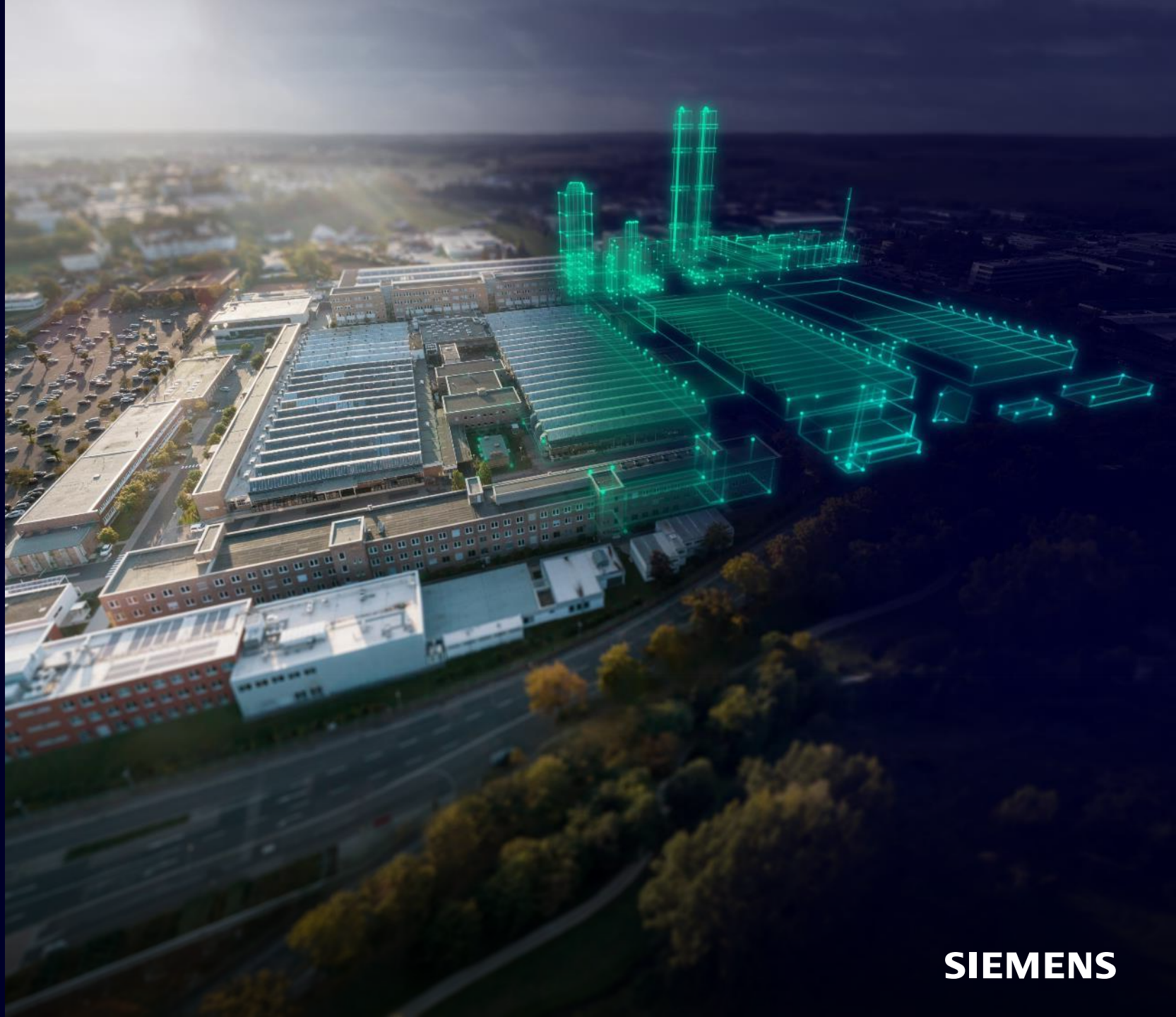


¹ Publicly listed subsidiary of Siemens; Siemens' share in Siemens Healthineers is 75%

Digital Industries

Industry faces a major challenge: Because our planet's resources are finite, we must produce more with less.

Siemens' Digital Enterprise helps meet this challenge by merging the real and the digital worlds in a continuous flow of data. A key part of that is the comprehensive Digital Twin. It collects data on products throughout their entire lifecycle, from the initial concept to their production and deployment. Our cutting-edge technologies make it possible for industry to understand this data and to use finite resources much more efficiently. That is how we are making industry more sustainable.



Smart Infrastructure

Smart infrastructure is sustainable infrastructure.

Siemens Smart Infrastructure combines the real and digital worlds across energy systems, buildings and industries, enhancing the way people live and work and significantly improving efficiency and sustainability. We work together with customers and partners to create an ecosystem that both intuitively responds to the needs of people and helps customers achieve their business goals. It helps our customers to thrive, communities to progress, and it supports sustainable development to protect our planet for the next generation.



Mobility

Today, transport providers face multiple challenges to move more people and goods on tracks. At Siemens Mobility, we enable our customers worldwide to realize sustainable mobility solutions.

As a leading technology company, we combine the real and digital worlds in rail like no other in rail.

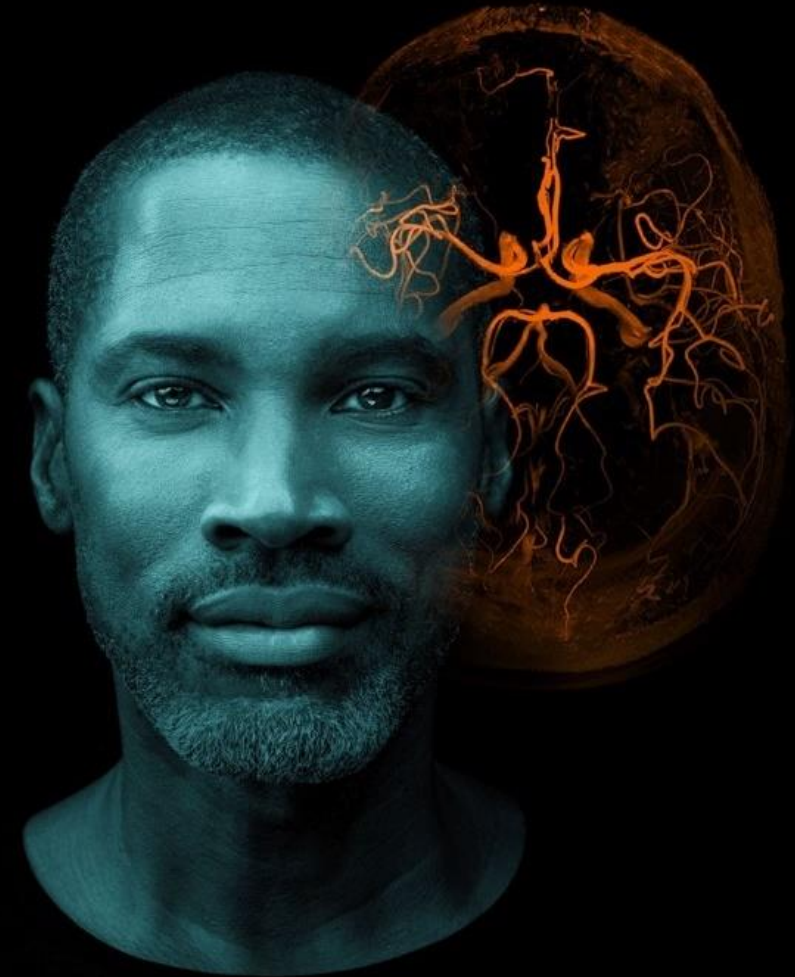
In an open ecosystem, we bring together rolling stock, rail infrastructure, rail services, and software to provide sustainable, comfortable, and cost-effective rail traffic today.

Together with our customers and partners, we move people and goods seamlessly and transform mobility for everyone.



Siemens Healthineers

Siemens Healthineers AG is a listed, leading medical technology company that aspires to shape the healthcare system of the future. It helps healthcare providers around the world expand precision medicine, transform care delivery, improve the patient experience, and digitalize healthcare. The company is continuously developing its product and service portfolio with AI-supported applications and digital technologies that will play an important role in the next generation of medical technology.



Siemens Advanta

Siemens Advanta enables its clients' unique digital and sustainability transformation throughout the entire value chain.

Siemens Advanta's key differentiator is its unrivalled combination of deep domain knowledge, the strong Siemens technology stack and a powerful ecosystem of partners around the globe.

Siemens Advanta creates tailored solutions from strategy and sustainability consulting, design and prototyping, to software engineering all the way to implementation.



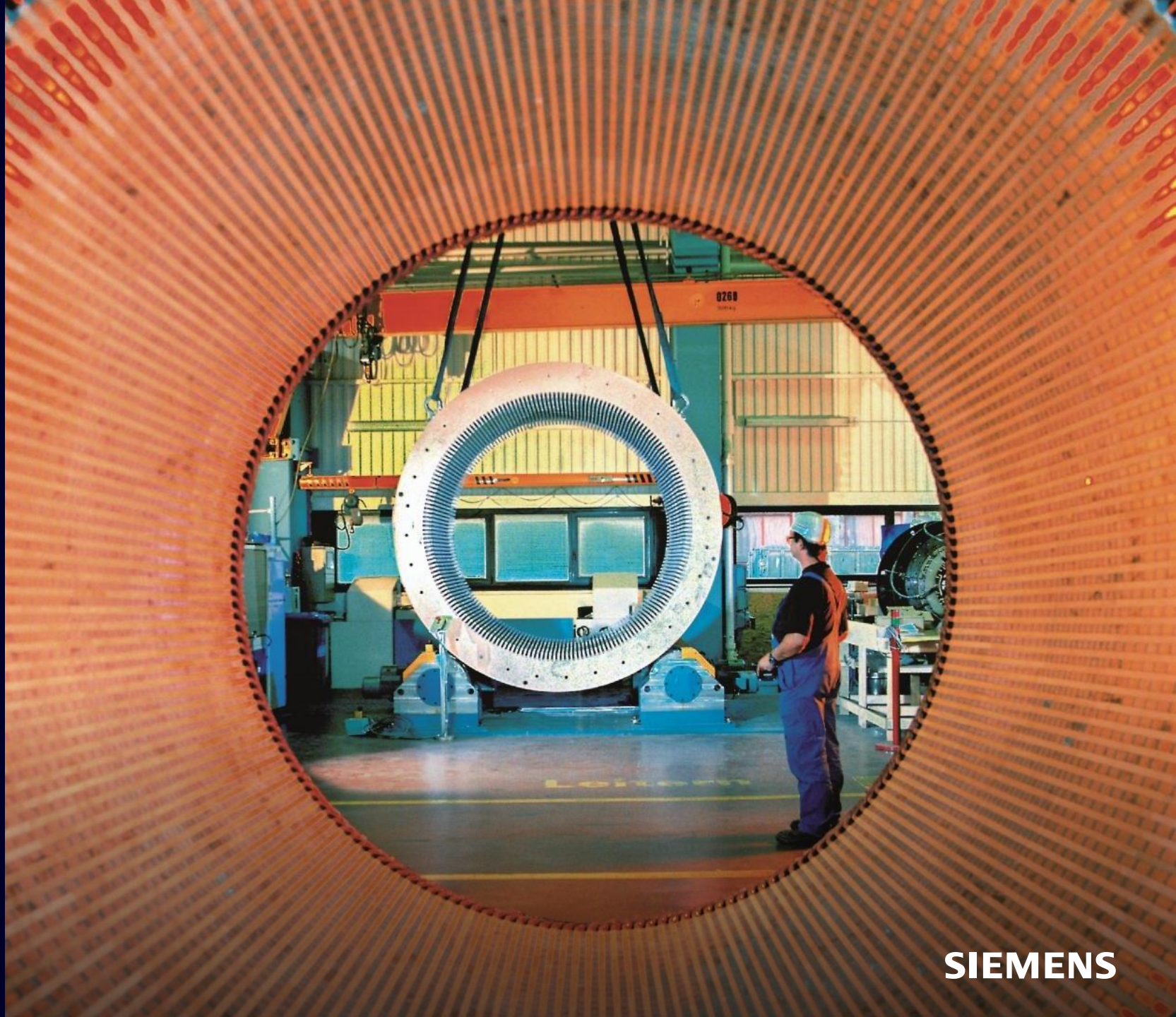
Portfolio Companies

Under the umbrella of Portfolio Companies, Siemens operates the units Innomotics and Siemens Logistics.

The motor and large drive supplier Innomotics combines business activities with low- to high-voltage motors, geared motors, medium-voltage inverters and motor spindles under one roof.

Siemens Logistics is a leading provider of innovative and high-performance solutions for airport logistics.

With a decentralized setup, fast decision-making processes and quick reaction times, these units are agile and flexible, which makes them more competitive in their specific markets and enables them to focus on their customers more intently.



Siemens Financial Services

Siemens Financial Services (SFS) – the B2B financing arm of Siemens – provides financing that makes a difference.

At SFS, we empower customers around the globe to access technology with purpose and increase their competitiveness. Based on our unique combination of financial expertise, risk management and industry know-how, we provide tailored financing solutions – including flexible leasing and working capital products, project-related and structured financing, corporate lending, equity investments, finance advisory, as well as trade and receivables financing. With highly experienced and passionate teams in 20+ countries, SFS paves the way for industrial productivity, smart infrastructure and sustainable mobility, facilitating the energy transition and enabling high-quality healthcare. Supporting the Siemens DEGREE framework, SFS is one of the leading providers in financing greenfield renewable projects.



Global Business Services

Siemens Global Business Services (GBS) enables Siemens AG units worldwide and external customers to accelerate their business transformation into a sustainable and digital future.

Its portfolio comprises services driven by expertise and the latest technology – with a strong focus on innovation and digitalization in areas like business administration, human resources, supply chain management, sales, marketing, and engineering.

Siemens GBS provides business services for Siemens AG, Siemens Energy AG, and Siemens Healthineers AG and serves its clients globally out of four major Hubs and one service unit. Siemens GBS headquarters are based in Munich, Germany.



Siemens Real Estate Services

Siemens Real Estate (SRE) offers Siemens as well as external customers holistic solutions for the entire real estate lifecycle – from strategy to development to operation.

As a pioneer in corporate real estate management, SRE drives the transformation of office and production sites around the globe and significantly increases the efficiency and flexibility of its customers.

This embraces the implementation of innovative workplace concepts that support future-oriented hybrid working, as well as the use of intelligent and sustainable solutions to strengthen the future viability and resilience of industrial sites.

As such, SRE is also making a substantial contribution to the company's target of being carbon neutral by 2030.



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We may also make forward-looking statements in other reports, in prospectuses, in presentations, in material delivered to shareholders and in press releases.

In addition, our representatives may from time to time make oral forward-looking statements. Such statements are based on the current expectations and certain assumptions of Siemens’ management, of which many are beyond Siemens’ control. These are subject to a number of risks, uncertainties and factors, including, but not limited to those described in disclosures, in particular in the chapter Report on expected developments and associated material opportunities and risks in the Combined Management Report of the Siemens Report ([Siemens report](#)), and in the Interim Group Management Report of the Half-year Financial Report (provided that it is already available for the current reporting year), which should be read in conjunction with the Combined Management Report.

Should one or more of these risks or uncertainties materialize, should decisions, assessments or requirements of regulatory authorities deviate from our expectations, should events of force majeure, such as pandemics, unrest or acts of war, occur or should underlying expectations including future events

occur at a later date or not at all or assumptions prove incorrect, actual results, performance or achievements of Siemens may (negatively or positively) vary materially from those described explicitly or implicitly in the relevant forward-looking statement. Siemens neither intends, nor assumes any obligation, to update or revise these forward-looking statements in light of developments which differ from those anticipated.

This document includes – in the applicable financial reporting framework not clearly defined – supplemental financial measures that are or may be alternative performance measures (non-GAAP-measures). These supplemental financial measures should not be viewed in isolation or as alternatives to measures of Siemens’ net assets and financial positions or results of operations as presented in accordance with the applicable financial reporting framework in its Consolidated Financial Statements. Other companies that report or describe similarly titled alternative performance measures may calculate them differently.

Due to rounding, numbers presented throughout this document and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

Financial publications are available for download at: [Investors](#)