SIEMENS

Siemens Environmental Portfolio

Leading you to energy efficiency

siemens.com/environmentalportfolio

The power to change – moving toward a sustainable future

People’s standard of living is rising – and with it their need for energy. If we want our children to inherit a planet worth living in, one keyword is: energy efficiency.

Innovative technologies point the way forward

Globalization, demographic change, urbanization and climate change are placing tremendous pressure on society. Industry, the public sector and governments all face similar challenges: More than ever, environmentally friendly and sustainable solutions are needed. Developing innovative technologies which conserve resources, reduce costs and increase energy efficiency is therefore of key importance to Siemens. It also brings multiple benefits: for our customers, for the environment and for our company.

Dr. Ki-Hong Park
POSCO President and Chief Financial & Planning Officer

POSCO gives hope through innovation that makes the world better

POSCO's success is based on achieving highest competitiveness through unique innovative technology. To realize our ambition, we partner with leading suppliers such as Siemens, who share our quest for innovation and energy efficiency. For the introduction of clean and efficient FINEX hot metal technology in our steelwork operations we have been nominated with Siemens Metals Technology for the European Inventor Award.

The completion of our Incheon power plant based on the most efficient Siemens H-class turbine technology will result in 3,300 MW power generation capacity, supporting our goal to become the world-best green energy company.

Dr. Michael Häupl
Mayor of Vienna

Vienna is a mixture of grand classical traditions and high-tech innovations

Vienna stands for lifestyle and culture, on the one hand, and for business and science on the other. A major metropolis, Vienna has lower CO_2 emissions per capita than all the Austrian states – but even that's too high for us.

I have high hopes for even smarter technologies. About 75 % of the electricity we use is generated in Vienna. In the years ahead, we'll greatly expand the amount of electricity we produce from hydroelectric, wind, and solar sources. At the same time, we'll introduce smart grids. Siemens has had a profound influence on Vienna ever since the late 19th century and remains without a doubt the flagship of industry in our city.

Prof. Hans Joachim Schellnhuber
Director of the Potsdam Institute for Climate Impact Research and Advisor of the EU Commission

Germany is a kind of test laboratory for many nations

The energy transition in our country is an experiment that we are conducting as a highly industrialized, wealthy society; for good reason: We are, for instance, responsible for our climate and need to address issues like the risks of nuclear power.

This makes us a test laboratory for the world, in particular for the resource-poor countries in tropical and subtropical regions, as they will be more strongly impacted by climate change and have only one option: to expand renewables and use energy more efficiently. Companies like Siemens play a key role in this: Without good engineers and system analysts the necessary innovations would not be possible.

Watch the video:

The Siemens Environmental Portfolio sets standards

Resource depletion and advancing climate change require a change of direction. Siemens shows how this can be achieved.

The world is facing major challenges: How can we meet our growing need for energy and commodities and simultaneously conserve natural resources and protect our climate? Siemens endorses a fundamental technological change: a shift toward energy-efficient economic development, renewable energy sources, and environmentally friendly solutions.

In the Siemens Environmental Portfolio, we bundle all those products, solutions, and services that make particular contributions to environmental and climate protection, our investment in a sustainable future. Our aim is to achieve a threefold benefit: for our customers who improve their competitiveness thanks to lower energy costs and higher productivity, for future generations, and for Siemens itself, by developing attractive markets and growing profitably.

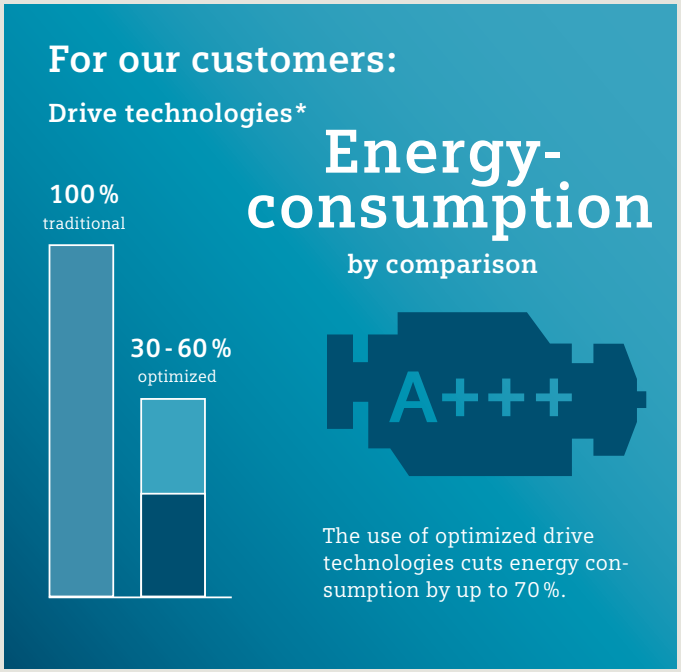
Clear criteria for the Siemens Environmental Portfolio

What characterizes a product in the Environmental Portfolio? Key features are energy efficiency, renewable energies, and environmental technologies.

Inclusions to the Environmental Portfolio are made in accordance with strict processes on the basis of the following criteria:

Energy efficiency: This applies to products, solutions, and services that offer significantly better energy efficiency than a comparable solution. The condition is an increase in energy efficiency of at least 20 %, or a greenhouse gas reduction of at least 100,000 metric tons of CO_2 in the use phase in a given year from all installed products, solutions, and services combined.

Renewable energies: This criterion covers technologies such as wind turbines and solutions for hydropower as well as smart grid applications such as smart meters or smart control mechanisms for energy distribution networks.



* Drive technologies, one example among many from our Environmental Portfolio

Environmental technologies: The focus is on technologies for pollution control, water and waste water treatment or recycling. Solutions from the healthcare sector can also qualify if major effects for the patient (noise, x-ray radiation) are reduced by at least 25 %.

Primarily the use phase is considered – meaning the positive effects must be felt by the customer. The entire Siemens portfolio is reviewed each year for possible classification in the Environmental Portfolio based on the criteria outlined above. The elements undergo a multi-phase check in the appropriate Siemens Division and in the Corporate Sustainability Office before being admitted.

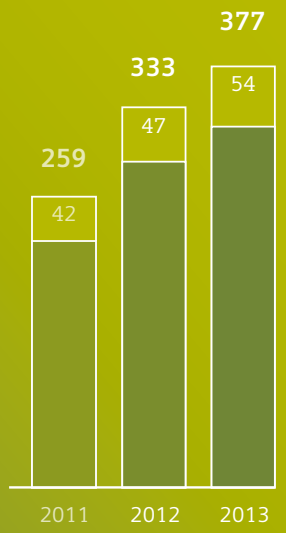
For more details on the methodology and on the results of the annual audit by an independent auditor, please go to *www.siemens.com/epreport*

For the environment:

377 Mt
less CO_2 emissions*

CO_2 savings at Siemens customers through products, solutions, and services of the Environmental Portfolio (continuing operations, in millions of metric tons)

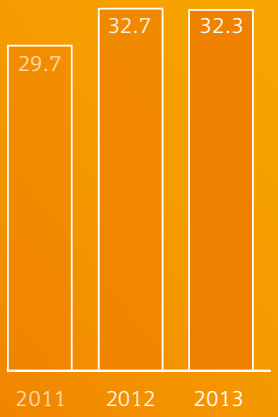
- annual CO_2 savings thanks to newly installed products, solutions, and services
- annual CO_2 savings thanks to products, solutions, and services of the previous years still in use



* 377 million metric tons, equivalent to about 45 % of Germany's CO_2 emissions in 2013

For Siemens:

Environmental Portfolio revenues (continuing operations, in billions of €)



43 % share
of company revenue in 2013

Smart and efficient: A triple win for our customers, for the environment, and for Siemens.

Energy efficiency from generation to use

The Siemens Environmental Portfolio includes ten technology fields along the entire value chain of electrification. In every field we offer innovative products, solutions, and services. Here are some examples:

Renewable energies

> Onshore wind power plants
> Offshore wind power plants including grid connection
> Steam turbines for biomass plants
> Solutions for hydro power

Fossil power generation

> Efficient gas turbines
> Combined cycle power plants (CCPP)
> Modernization of existing power plants
> Air pollution control systems

Power transmission and distribution

> High-voltage direct-current (HVDC) transmission
> Gas-insulated transmission lines and switchgears
> Low-loss transformers

Smart grids

> Intelligent distribution automation and management
> IT-based control centers and grid applications

Energy storage

> Battery storage
> Electrolysis

Renewable energies

Fossil power generation

Power transmission

Power distribution

Smart grids

Energy storage

Sustainable power generation → Low-loss power transmission → Intelligent distribution and storage

More information on the Future of Energy:
www.siemens.com/future-of-energy

Mobility

> High-speed and commuter trains
> Locomotives
> Metros and light rail
> Rail automation and electrification
> Hybrid drives for buses
> Intelligent road solutions

Industry solutions

> Energy-efficient automation and drive technologies
> Process automation and optimization
> Efficient steel production
> Waste heat recovery
> Energy-efficiency services

Building technologies

> Energy analysis and consulting
> Systematic energy management and planning
> Energy performance contracting
> Building automation

Healthcare

> Modern imaging techniques (MR, CT, X-ray, ultrasound)
> Energy-efficient hospitals

Water

> Automation solutions, energy distribution and drives for water and wastewater treatment plants as well as water transport
> Intelligent monitoring and control of water networks


Mobility


Industry solutions


Building technologies


Healthcare


Water

Pioneering energy efficiency

Success stories

Maximizing efficiency in production

The production of glass is highly energy-intensive and requires top precision. Thanks to a steam turbine from Siemens, one of the most modern float glass factories in the world already generates 25 % of its power demand from the hot exhaust gas of its furnace. Innovative Siemens technology also ensures the highly efficient automation of the entire plant.

The energy need of the f | glass float glass plant south of Magdeburg in the center of Germany amounts to more than 100,000 cubic meters of natural gas, every single day! This is the rough equivalent of the amount of energy consumed by 18,000 family homes in the same time. Alternatively: the same quantity of energy could power a single family home for 50 years.

No wonder that the subject of energy efficiency was on top of the agenda for the managers of this state-of-the-art plant from day one. Outside the town of Osterweddingen, a factory with a daily production capacity of 700 metric tons of float glass was to be built. In the float glass production process, highly viscous material – mostly melted quartz sand – floats on a layer of liquid tin. The surface tension between the two materials forms extremely even surfaces that are used for solar panels or in construction, among other applications.

A revolutionary concept for heat recovery

At the heart of the float glass production process, as with every other form of glass, is the energy-hungry blast furnace with a melting temperature of about 1,500 degrees Celsius. Instead of simply deflecting the heat from the hot exhaust gases, Siemens experts developed a revolutionary concept for heat recovery:

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1 Before the production of float glass can begin, various starting materials such as white glass sand, dolomite and quartz sand are needed.

2 In the batch house, these materials are mixed in different quantities to form individual recipes – depending on the desired glass quality.

3 The steam turbine of the heat recovery system: With this innovative technology, f | glass generates more than one quarter of the power it needs.

a steam turbine produces power from the raw gas of the furnace. f | glass itself generates 25 % of the power it takes to run the entire production facility. This not only protects the environment and reduces costs; it also increases process stability. Because unlike most of its competitors, the f | glass plant can tolerate a loss of external power supply. Provisions have also been made for longer interruptions: The company has, as others in the region, access to underground reserves of some 900 million cubic meters of natural gas – enough energy to supply a European city of a million inhabitants for a couple of weeks.

The steam turbine is part of a holistic production concept aiming for maximum efficiency and sustainability. Overall, the plant consumes 10-20 % less energy than a comparable production site. This is ensured by improved oven insulation and a unique system for heat retention as well as supply air lamellae for building ventilation in the external walls. They open and close depending on the outdoor temperature, thereby naturally contributing to cooling or heating the inside.

A single system for steering the entire production

Crucial for the efficiency of every production system is an additional factor: A smooth operation. f | glass also relies on Siemens know-how for this. The most important tool for the employees in the control room is the decentralized SIMATIC PCS 7 control system. It controls, regulates and steers all

25 %
in-house generation of required power

10-20 %
less energy consumption than competitors


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Watch the video

activities, from the precise dosage of the raw materials in the batch house to the production itself through to quality control and exhaust gas monitoring. To ensure stable operation in every situation, the process control system has an uncompromisingly redundant design, like nearly every other key element of the plant. Thanks to intelligent process control technology, so-called campaign-changes can be made within extremely short time periods. In a campaign-change, production is switched to a thicker or thinner type of glass or an alternative specification. During such a change, a short, controlled release of discharge glass is created, which is automatically directed to the shards storage and later back into the production process.

Precisely controlled, closed loops, comprehensive automation and a superior

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level of energy efficency characterize the production processes at the f | glass plant. For the management of f | glass this is no reason to settle back. Quite the opposite: together with their partners – above all Siemens – they are continually working to optimize the plant even further. Capacities now exist for magnetron coating – and enabling effective sun protection of up to six million square meters of glass per year. Thanks to this, the plant is increasingly producing technically demanding white and solar glass – naturally in a most energy-efficient and environmentally friendly manner. ■

1 A process control system from Siemens oversees all steps of glass production, from dosage to quality control.

2 Depending on customer demand, the thickness of the glass produced varies between two and twelve millimeters.

Environmental awareness and energy efficiency – Viennese style

Siemens technologies for infrastructure, transport, energy, and healthcare solutions make a crucial contribution to low resource consumption and high quality of life in the Austrian capital.

Anyone hearing »Vienna« first thinks of waltz music and old grandeur. But Austria's metropolis has long been a city of science and research. In regard to energy efficiency and environmental protection, it is even a pioneer: In the European Green City Index of Siemens, Vienna already ranks fourth. And the city is aiming higher: by 2020, a further 1.4 million metric tons of CO_2 emissions are to be cut – also with the help of Siemens.

New routes by bus and rail

On Vienna's inner-city lines, zero-emission electric buses from Siemens are already running today. They do not emit any CO_2, and thanks to an innovative drive concept, the buses consume some 25 % less energy than conventional models. State-of-the-art technology is also used in the Vienna metro system: When a train brakes, a third of the traction power is recovered and fed back into the metro's power supply with the use of innovative Siemens solutions.

Vienna is truly a city of public transport. 39 % of all trips taken there use public transportation, well above the European average of 28 %. To help passengers reach their destination as punctually as possible, the metro control center and the city traffic management center both rely on intelligent Siemens solutions.

1 Public transportation is often the faster alternative in Vienna: the trains of this metro are particularly energy-efficient and environmentally friendly thanks to regenerative braking technology from Siemens.

2/3 Austria's progressive capital is one of the few cities in the world to deploy battery-powered electric buses in regular service.

Employees at the metro control center monitor all trains, platforms, and display panels throughout the city. Intermodal journey planners and smartphone accessible timetables help reduce waiting times. Because traffic delays are a burden not only to road users' time and nerves, but to the environment as well. A Siemens traffic computer system in Municipal Department 33 supports the implementation of control, steering, guidance, and information strategies to ensure green lights all the way, by taking into account actual traffic flows. For smooth-flowing traffic and a reduction in pollution.

Viennese tradition with a future

Vienna is also gradually upgrading numerous public facilities to the latest standard. For instance, the city refurbished the traditional Theresienbad, reducing its heating cost by half, and slashing water consumption by 76 %. Siemens technologies were implemented in the refurbishment of the water treatment process, ventilation and lighting systems, for hot water generation, as well as in the upgrade of the control system – to the benefit of the environment and the enjoyment of the swimmers.

Be it a public swimming pool, metro or hospital: Vienna has made maximizing energy efficiency a top priority. Of course this also applies to the production of power and heat as well as their distribution. For instance, a control system with

4 Vienna's Theresienbad is located at the site of Vienna's oldest public pool and is one of the most modern in the city in terms of technology. By using Siemens technologies, the CO_2 emissions of the pool complex were reduced by 457 metric tons per year.

1 Thanks to innovative Siemens technology, the biomass power plant with power-heat coupling in Simmering achieves an impressive 80 % efficiency.

2 1,600 doctors work with state-of-the-art Siemens medical technology at Vienna General Hospital – Medical University Campus.

3 With »aspern Vienna's Urban Lakeside« one of the biggest urban development projects in Europe is being implemented in Vienna.

Watch the video

Siemens technology centrally manages the different district-heat-generation facilities located across the city. Vienna's Simmering power plant is equipped with two high-tech gas turbines from Siemens to maximize its effectiveness. Additionally, solar panels are integrated in the facade of the building.

Also in operation in Vienna is a biomass power plant fitted with Siemens technology to generate power from forest biomass, thereby supplying some 50,000 Viennese households with electricity and another 12,000 with district heat.

Renewable energies play a central role across the entire metropolitan area, as economic development continues and the population grows. To reconcile the environment with this growth trajectory, Vienna relies on renewables: Plans call for increasing their share in the city's energy mix to 50 % by 2030. Smart power grids are being installed to balance supply and demand for power in the meantime. A pilot project to test smart electricity meters and their integration into the grid is already on the way. Siemens supplies the software that manages the consumption data – one more intelligent infrastructure solution for Vienna.

Being healthy and enjoying a city worth living in

Sustainability as such, however, is not limited to the obvious topics of energy and transport. The healthcare system also seeks to continually improve peo-

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ple's quality of life in a sustainable manner. An excellent example here is Vienna General Hospital, one of Europe's largest hospitals. From digital x-ray facilities to mammography, computer tomography and magnetic resonance imaging as well as ultrasound systems, state-of-the-art medical technology from Siemens is instrumental to patient diagnosis and treatment. Medical information technology from Siemens is also widely used and contributes to optimizing the quality of patient care.

Living laboratory for the city of the future

The city is currently working on a new landmark: On the premises of a former airfield, »aspern Vienna's Urban Lakeside« is taking shape. By 2030, room for 20,000 inhabitants and the same number of jobs will be created here. Wien Energie, Wiener Netze and Siemens are working together on smart infrastructures of the future for this new community. Naturally, the aspiration is to maximize both – quality of life and energy efficiency. ■

Spearheading the transition to a low-carbon future

Technology fields

Integrated solutions along the value chain of electrification

The Environmental Portfolio bundles solutions along the entire value chain of electrification: with Siemens technology, power can be sustainably produced, effectively transported, intelligently stored and distributed, and subsequently, efficiently used. These solutions are summarized in ten technology fields – our contribution to our customers' success and to a sustainable future.

Further information on the technologies and examples shown on the following pages can be found here:

siemens.environmentalportfolio2013.com/#siemens/page/30-31

Renewable energies

To make renewable energies a competitive source of power, Siemens is working on innovative technologies for wind and hydro power plants around the world. Already today, 62 turbines from Siemens generate wind power at coal power prices at the New Zealand West Wind Farm, close to the capital of Wellington – a global best practice reference. Also climate-friendly and, importantly, CO_2-neutral, is power and heat generation from biomass, with the use of highly efficient Siemens steam turbines and generators.

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Fossil power generation

In the energy mix of the future, fossil-fuel power plants will continue to play an important role. Highly efficient combined cycle power plants (CCPP) and combined heat and power generation plants from Siemens show that climate protection and traditional power generation can go hand in hand. In China and South Korea, quick-start-enabled CCPPs with modern turbines play a major role in improving the power supply. Emerging markets like Nigeria also benefit from these technologies in the development of their energy systems.

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Power transmission and distribution

Siemens technology enables the optimum transmission of power, even over long distances: Gas-insulated switchgears and transmission lines, state-of-the-art transformers, smart grid technology and, above all, powerful high-voltage direct-current transmission (HVDCT) ensure efficiency increases and low-loss power transport across vast distances. For instance, in northern India the little developed district of Mohindergarh is supplied with power from the port city of Mundra, 1,000 km away; in an efficient, low-loss and environmentally friendly manner.

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Smart grids

Smart grids are highly automated power grids that ensure a superior level of energy quality and the availability of distribution grids thanks to smart grid monitoring and controlling. They play a crucial role in the integration of renewable energies by ensuring stability in the power grid despite the fluctuations at feed-in from decentralized sources. In the US, energy management systems from Siemens today manage the power feed-in and distribution, allowing for a seamless supply even in the event of damage from severe weather and storms.

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Energy storage

To offset fluctuations in the power grid, Siemens has developed an innovative solution for its customers: the modular-designed energy storage SIESTORAGE. This Li-ion battery-based storage solution is used to stabilize distribution grids as well as provide emergency power supply for sensitive industrial production processes, data centers or hospitals. SIESTORAGE is used in energy-efficient buildings, insular grids, small self-sufficient individual-need grids, in public transportation and for electric-mobility applications.

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Mobility

Superior environmental soundness and efficiency are guaranteed by Siemens' high-speed and Intercity trains thanks to smart energy management and excellent aerodynamics. Models of the latest generation are already on the tracks in Germany, Spain, China, and Russia. Globally, Siemens solutions for rail traffic automation ensure optimum line utilization and efficient operation. Innovative, integrated solutions for urban traffic control systems help to noticeably reduce congestion and to reduce environmental impact, for example, in London.

more >>

Industry solutions

Industrial production processes are often associated with high energy costs and considerable emissions. Siemens consults its customers globally on these topics and implements innovative solutions: In the automotive industry, simulation programs enable optimum control of processes, and intelligent management systems provide detailed power consumption data. They generate energy footprints and make potential improvement visible in order to reduce the base load; modern drive technologies simultaneously increase efficiency.

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Building technologies

Globally, buildings consume about 40 % of the entire primary energy and produce about one third of CO_2 emissions. Siemens technology helps increase energy efficiency and reduce emissions. In some 1,000 buildings of Credit Suisse, smart building technology has proven itself as well as in Taipei 101, the greenest skyscraper in the world. And »The Crystal«, the Siemens urban sustainability center, is the world's only building that has been awarded the highest level in both LEED and BREEAM certification systems.

more >>

Healthcare

With its product range for medical imaging processes – from magnetic resonance and computer tomography scanners to x-ray machines and modern ultrasound systems – Siemens proves that technical innovation can improve patient comfort, productivity, and energy efficiency at the same time. Siemens is able to offer its customers products and solutions for comprehensive patient care. In »Medanta – The Medicity« in India, state-of-the-art Siemens devices are, for example, used in the care of cardiovascular patients.

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Water

UN estimates show that water consumption will increase by 40 % globally by 2025, while climate change will additionally increase water shortages in many regions. Environmentally friendly water technologies are therefore urgently required. Siemens has a broad range of automation solutions and drive technologies for the water industry. Smart management systems, for instance, reduce energy need and pollutant emissions and increase efficiency. In Azerbaijan and Turkey, modern automation solutions from Siemens secure the water supply.

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More information

Energy transitions have many aspects. Every country has to face its own challenges on its journey toward the future; regional targets and conditions can differ significantly.

Four aspects must be taken into account globally: Security of supply is crucial to meet the needs of contemporary industrial operations and private households. Cost effectiveness ensures that power remains affordable. Climate protection ensures the climate compatibility of the energy supply, and Resource efficiency guarantees the optimum use of the commodities available.

With its comprehensive understanding of the energy system and its extensive portfolio, Siemens is paving the way to a profitable, sustainable, reliable, and resource-efficient energy use globally. The POWER MATRIX illustrates these dependencies.

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Keep on moving – from energy efficiency to sustainability

Opinion

Sustainable and successful

A short interview

Siemens: Dr. Busch, what do Siemens customers expect from you in terms of energy efficiency and sustainability?

Dr. Roland Busch: Our customers often face the same challenges as we do ourselves: how can I be successful in the long term? Topics such as resource and energy efficiency, as well as sustainable urban planning, are not only a topic of interest for the customers of our Infrastructure & Cities Sector. They expect us to be a reliable partner. It is therefore of major importance to understand the business of our customers, to respond to requirements quickly and to prove our competence in solving complex challenges. We do this with innovative, resource- and energy-efficient technologies, which provide our customers with a competitive edge and generate profitable growth for us.

Siemens: Could you give an example of such a sustainable business opportunity?

Dr. Roland Busch: This year, we secured the order for 1,140 commuter rail cars for the London Thameslink route; with a volume of around 1.8 billion euros. This is one of the biggest orders to date for the rail business at Siemens. Ordered were trains from the new Desiro City generation. These vehicles are characterized by a maximum degree of flexibility, passenger safety, comfort and environmental friendliness. The lightweight design of the train and the pivoted bogies as well as intelligent vehicle controls reduce total energy consumption by up to 50 % compared to previous models. This is proof of how sustainability and economic benefits go succesfully hand in hand for our customers.

Siemens: Why is Siemens the right partner for sustainable solutions?

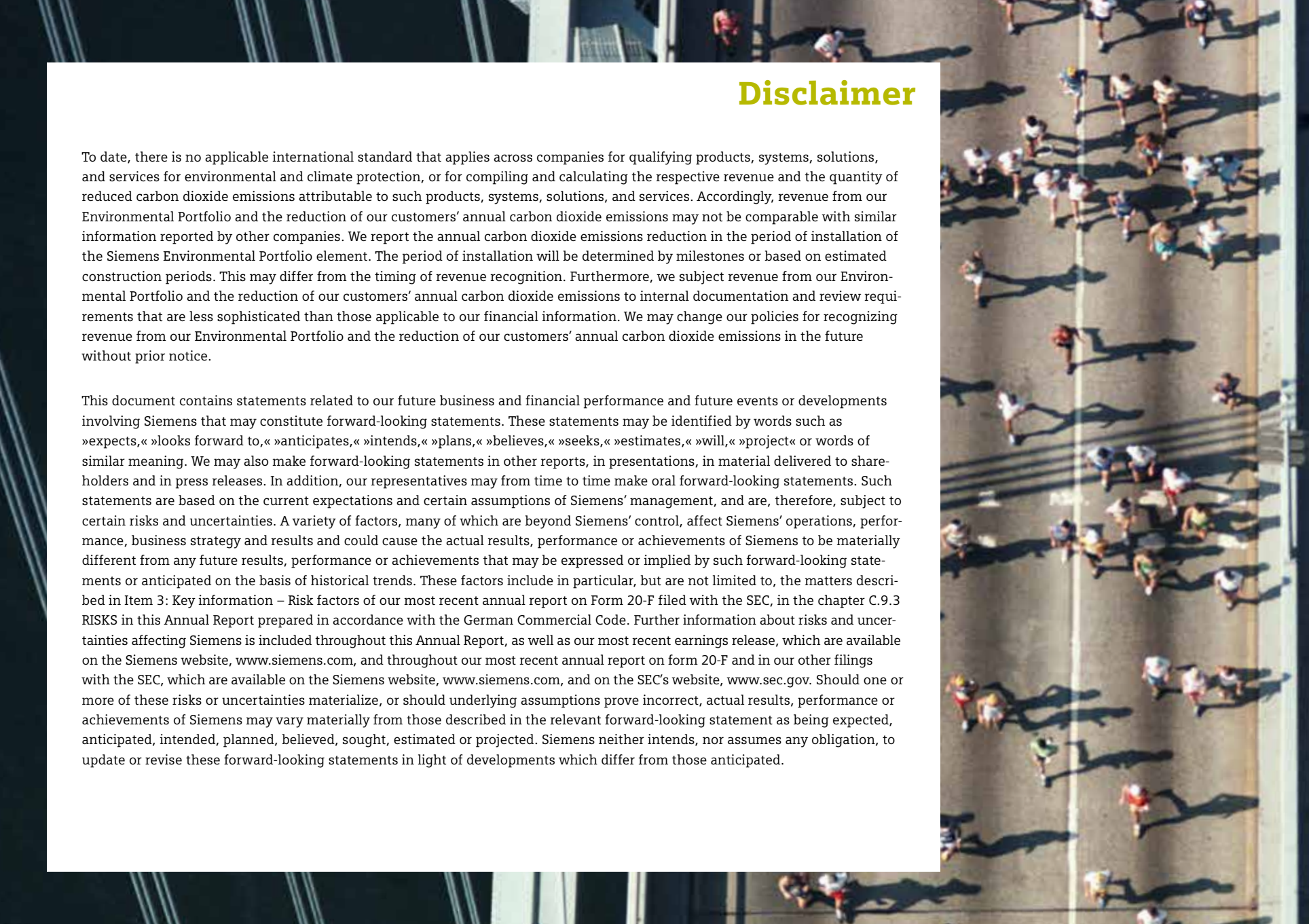
Dr. Roland Busch: Siemens is well positioned along the entire value chain of electrification. This is clearly illustrated by the Environmental Portfolio, in which products, solutions, and services from all Sectors are represented and which now makes up about 43 % of Siemens revenues. Innovations in power generation and distribution, automation, and digitalization of production processes and infrastructures, all of this helps our customers to do business in a resource-efficient manner.

Siemens: Does sustainability at Siemens go beyond products and technologies?

Dr. Roland Busch: Sustainability is a guiding principle for us grounded in our values *responsible*, *innovative*, and *excellent*. Sustainable business practices also mean for us, for instance, to act in accordance with the law at all times, to be committed to developing our employees, to observe the highest standards with regard to health and safety, and to ensure resource and energy efficiency in our own production. In short: to act responsibly for future generations. This conviction has been the cornerstone of our strategy and actions for 166 years.

Who is Dr. Roland Busch?
Dr. Roland Busch has been a member of the Managing Board of Siemens AG since 2011. In previous positions, he worked for Siemens as President and CEO of Siemens VDO in Shanghai and most recently headed up the Corporate Strategies unit in Corporate Development in Munich.

Today, Dr. Roland Busch is CEO of the Infrastructure & Cities Sector, as Managing Board member responsible for the region Asia (excluding Japan) and Australia, and as Chief Sustainability Officer also responsible for the topic of sustainability.



Disclaimer

To date, there is no applicable international standard that applies across companies for qualifying products, systems, solutions, and services for environmental and climate protection, or for compiling and calculating the respective revenue and the quantity of reduced carbon dioxide emissions attributable to such products, systems, solutions, and services. Accordingly, revenue from our Environmental Portfolio and the reduction of our customers' annual carbon dioxide emissions may not be comparable with similar information reported by other companies. We report the annual carbon dioxide emissions reduction in the period of installation of the Siemens Environmental Portfolio element. The period of installation will be determined by milestones or based on estimated construction periods. This may differ from the timing of revenue recognition. Furthermore, we subject revenue from our Environmental Portfolio and the reduction of our customers' annual carbon dioxide emissions to internal documentation and review requirements that are less sophisticated than those applicable to our financial information. We may change our policies for recognizing revenue from our Environmental Portfolio and the reduction of our customers' annual carbon dioxide emissions in the future without prior notice.

This document contains statements related to our future business and financial performance and future events or developments involving Siemens that may constitute forward-looking statements. These statements may be identified by words such as »expects,« »looks forward to,« »anticipates,« »intends,« »plans,« »believes,« »seeks,« »estimates,« »will,« »project« or words of similar meaning. We may also make forward-looking statements in other reports, 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, and are, therefore, subject to certain risks and uncertainties. A variety of factors, many of which are beyond Siemens' control, affect Siemens' operations, performance, business strategy and results and could cause the actual results, performance or achievements of Siemens to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements or anticipated on the basis of historical trends. These factors include in particular, but are not limited to, the matters described in Item 3: Key information – Risk factors of our most recent annual report on Form 20-F filed with the SEC, in the chapter C.9.3 RISKS in this Annual Report prepared in accordance with the German Commercial Code. Further information about risks and uncertainties affecting Siemens is included throughout this Annual Report, as well as our most recent earnings release, which are available on the Siemens website, www.siemens.com, and throughout our most recent annual report on form 20-F and in our other filings with the SEC, which are available on the Siemens website, www.siemens.com, and on the SEC's website, www.sec.gov. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results, performance or achievements of Siemens may vary materially from those described in the relevant forward-looking statement as being expected, anticipated, intended, planned, believed, sought, estimated or projected. Siemens neither intends, nor assumes any obligation, to update or revise these forward-looking statements in light of developments which differ from those anticipated.

Information resources

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Further information
This brochure is also available in German. Both the English and German versions are available online at:
www.siemens.com/ep-brochure
www.siemens.com/up-broschuere

We provide additional information and films in the online version for some contents. To see them, please use the URL (Internet address) stated or the QR code displayed.

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