

## Siemens and Stadtwerke Stuttgart partner to spearhead transition to sustainable urban energy

- **Stadtwerke Stuttgart headquarters serves as lighthouse project for state-of-the-art building and energy management systems**
- **Represents optimal ‘sector coupling’ showcase, using Siemens Xcelerator applications to intelligently connect buildings and transport to renewable energy sources**
- **Supports Stuttgart in achieving climate neutral targets, setting example to other cities worldwide in sustainable urban transformation**

Siemens Smart Infrastructure and publicly owned energy supplier Stadtwerke Stuttgart GmbH, have announced their partnership to help drive the transition to sustainable urban energy across the city.

Yesterday’s inauguration of the Stadtwerke Stuttgart headquarters marks the culmination of 18 months of collaborative planning and implementation, which brings together Siemens expertise in sustainable infrastructure development with Stadtwerke Stuttgart’s experience in renewable energy generation and supply.

Applications from the open digital business platform, Siemens Xcelerator, are used to control the intelligent energy management system across the facility’s office complex, warehouse and workshop. It optimally connects the supply of, and demand for, renewable energy for everything from heating and lighting to elevators and office equipment, in addition to electrifying the mobility hub, which will be used to charge electric vehicles from across the Stadtwerke Stuttgart fleet.

This intelligent combination of digital applications and renewable energy supply will

also be utilized at other Stadtwerke Stuttgart projects, including its hydrogen production facility in the city's port. This will serve as a further showcase for other businesses looking to maximize sector coupling to deliver more cost effective, energy efficient and therefore sustainable operations.

“The combination of Siemens expertise in building management and ours in the energy industry creates solutions that not only help us to achieve our own sustainability goals but also help us to support other organizations in their energy transition” said Peter Drausnigg, Technical Managing Director at Stadtwerke Stuttgart. “We see ourselves as the driving force behind the energy transition in Stuttgart and are proud to be working with Siemens to set an example for other businesses and cities to follow around the world.”

At the heart of the building management system from Siemens is intelligent Digital Twin technology. Siemens Smart Infrastructure Building X 360° Viewer and Energy Manager offer digital representations of the headquarters, utilizing Artificial Intelligence (AI) insights to retrieve and process relevant real time data from installed building and e-mobility technology. Building X is a digital building platform that supports customers to digitalize, manage, and optimize their building operations.

From Internet of Things (IoT) sensors for lighting control to fire protection and security applications, such insights will help to achieve energy savings of up to 30 percent. Such insights enable 24/7 transparency of live and historical events and generate up to 10 percent more net operating income. In the mobility hub for example, electric vehicle charging is optimized to maximize available renewable energy and by using intelligent insights on working patterns, charging is guaranteed to be complete for when each employee finishes work.

Matthias Rebellius, Managing Board Member of Siemens AG and CEO of Smart Infrastructure added: “We are delighted to be working in partnership with Stadtwerke Stuttgart to show how we can combine the real and the digital worlds to drive genuine sustainable transformation.

“Intelligent building and energy management optimizes the use of renewable energy sources, maximizing efficient operations while minimizing impact on the energy grid.

This is setting a new standard not only in Stuttgart but for cities across the world which are facing the challenge of making both new and existing buildings fit for purpose as we collectively transition towards a more sustainable future.”

This press release as well as press pictures are available [here](#).

For more information on Siemens Smart Infrastructure, please see [Siemens Smart Infrastructure](#).

Follow us on X at: [www.x.com/siemens\\_press](http://www.x.com/siemens_press), [www.x.com/siemensinfra](http://www.x.com/siemensinfra)

### Contact for journalists:

Siemens Smart Infrastructure

Natalie Hodges

Phone: +44 780 882 6229; email: [natalie.hodges.ext@siemens.com](mailto:natalie.hodges.ext@siemens.com)

**Siemens Smart Infrastructure (SI)** is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2023, the business had around 75,000 employees worldwide.

**Siemens AG** (Berlin and Munich) is a leading technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare.

In fiscal 2023, which ended on September 30, 2023, the Siemens Group generated revenue of €77.8 billion and net income of €8.5 billion. As of September 30, 2023, the company employed around 320,000 people worldwide.

Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).