

Fact sheet – Siemens Infrastructure & Cities

More than seven billion people live on our planet – over half of them in cities. Siemens' new Infrastructure & Cities Sector offers sustainable technologies for metropolitan centers and urban infrastructures worldwide.



Cities are a key growth market of the future

- More and more people are moving to cities. Today, over half of the global population already lives in cities and this share will climb to 60 percent within 20 years, an increase of 1.4 billion urban residents.
- Forecasts indicate that the number of megacities – those with at least ten million inhabitants – will increase from 22 to 26 by 2015. The majority of these are to be found in emerging and developing countries – in other words, places where sustainability hasn't always been assigned top priority in the past.
- Yet the battle to limit climate change could be fought most effectively in large population centers. Cities already account for two-thirds of the energy consumed worldwide and are responsible for 70 percent of greenhouse gas emissions.
- Cities throughout the world will have to massively invest in expanding their infrastructures. The market for urban investments addressed by Siemens currently totals around €300 billion a year.

Siemens offers the world's broadest portfolio for urban infrastructures

- With a portfolio comprising integrated mobility solutions, building and security systems, rail systems, smart grid applications and low- and medium-voltage products, Siemens' new Infrastructure & Cities Sector offers sustainable technologies for metropolitan centers and urban infrastructures worldwide.
- Even in times of limited public budgets, Siemens solutions – such as Energy-Saving Contracting – help cities and communities cut costs and improve their environmental protection balance. Moreover, Siemens solutions like traffic tolling systems offer cities and communities new sources of income.
- To take advantage of this additional growth potential, Siemens employs a new approach for sales as well as for research and development in its urban business. The Sector's Centers of Competence, in which Siemens will bundle its expertise for urban infrastructures, are an important element in this strategy. The first Center is currently being built in London and two others are planned for Asia and the U.S.



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Rail Systems

The Siemens Rail Systems Division comprises the entire spectrum of rolling stock – including railway trains, metros and locomotives and even streetcars and light rail systems.

Mobility and Logistics

This Division comprises all Siemens businesses in the field of international traffic, transportation and logistics management. These include rail automation, infrastructure logistics, intelligent traffic and transportation systems and also technologies for the extension of the electromobility infrastructure.

Low and Medium Voltage

As a global leading supplier for electrical distribution Low and Medium Voltage contributes to a sustainable and responsible use of electrical energy. With its consistent portfolio for the medium- and low-voltage electrical distribution Siemens enables the realization of smart grids, thus providing the foundation for green cities as well as energy-efficient infrastructures, buildings and industrial applications.

Smart Grids

Smart-Grid-solutions from Siemens blaze the trail to the future of the energy business. Innovative technologies and services in the fields of IT, data communication, energy automation, and rail electrification pave the way for efficient grids, intelligent power distribution, intelligent consumption as well as electromobility and smart buildings.

Building Technologies

The Building Technologies Division ensures maximum energy efficiency and comfort in buildings as well as the safety and security of people, processes, and infrastructures. The portfolio comprises products and systems for building automation to control heating, ventilation, and air-conditioning applications as well as state-of-the-art products and systems for fire and gas detection, automatic extinguishing, and alarm and danger management systems.

Osram

Osram AG offers customers energy-saving lighting products and solutions for all areas of modern life. The extensive portfolio includes not only lamps and optoelectronic semiconductor light sources such as light-emitting diodes (LEDs), LED systems and LED luminaires but also electronic control gear and light management systems.