

Football World Cup 2014

Brazil counting on Siemens infrastructure solutions for upcoming mega events

- **Orders of approximately 1 billion Euro received in run-up to mega events**
- **Siemens supplying building technology for world's greenest stadium**
- **Efficient solutions enhancing transportation capacities**
- **Gas-fired power plant in the Amazon to replace environmentally harmful diesel generators**

Brazil is counting on Siemens to provide key infrastructure solutions for its major upcoming sporting events. The country will play host to the Confederations Cup in 2013 and to the World Cup in 2014. In the run-up to these mega events, Siemens has received orders of approximately 1 billion Euro for infrastructure projects.

"These major sporting events will turn the world's spotlight on Brazil. We're looking forward to exciting games, powerful emotions and the people visiting our country. Whether in transportation, energy supply, the environment, healthcare, safety or security – we want our infrastructure solutions to help make the events a success. The solutions we're providing will improve the quality of life in Brazil for generations to come and support the country's long-term economic development. Brazil is at a turning point in its economical development, and these major events will speed up works in infrastructure laying the foundations of sustainable growth." said Paulo Stark, CEO of Siemens Brazil.

Major events like soccer championships are a catalyst for investment in their host countries' infrastructures. Only ten to twenty percent of this investment goes into event-specific installations such as stadiums. Eighty to ninety percent goes into urban and countrywide infrastructure – for example, new streets, traffic management systems, airports, metro stations, safety and security systems, housing, hotels, sports facilities and, even, new power plants.

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In today's world, sustainability, efficiency and environmental impact are also important selection criteria when infrastructure investments are being planned. In everything from stadiums, water supply and energy supply to safety, security, healthcare and transportation, Siemens is making a key contribution to ensuring that the games in Brazil will be conducted on a sustainable, energy-efficient basis. The company is providing Mane Garrincha National Stadium – the venue for the Confederations Cup opener and for seven World Cup games – with advanced safety, security and building systems. Equipped with energy-efficient building technology solutions from Siemens, Mane Garrincha is the world's first stadium to aim for LEED platinum – the top category of the international standard for ecofriendly construction.

In Manaus, the capital city of the state of Amazonas, and one of the cities hosting the World Cup 2014, Siemens and its partners are currently building the UTE Mauá 3 combined cycle power plant. The facility will help meet the region's rapidly growing energy requirements while increasing its power supply system stability. With an installed capacity of around 580 megawatts, UTE Mauá 3 will be one of the region's largest gas-fired power plants and replace a large number of its diesel generators, which have a negative environmental impact due to their low energy efficiency and high levels of exhaust emissions.

Siemens provides smart technology to unite the Brazilian power grid under a single and reliable system. To establish a nationwide Smart Grid, the Brazilian National Power Grid Operator (ONS) will receive advanced technology for monitoring and controlling the national electrical transmission network in real time, optimizing existing resources in the network, reducing operating expenses, and making Brazil's power system safer and more flexible and efficient. Therefore Energy Management Systems from Siemens will be implemented at the Operation Centers in Brasília, Florianópolis, Recife, and Rio de Janeiro.

Smart Technologies from Siemens also help meet the need for treated water for more than 20 million people in the São Paulo Metropolitan Region. Siemens provided software and automation system solutions for the Brazilian water company Sabesp and they jointly developed a Smart solution that is helping to provide water to the people in the Metropolitan Region of Sao Paulo.

At the country's largest airport, Guarulhos International in São Paulo, Siemens is installing energy supply solutions for the new TPS3 passenger terminal. The airport's capacity is being massively expanded to cope with the increase in passenger volumes in the year of World Cup 2014: around 40 million people are expected to pass through the airport in 2014 compared to some 33 million in 2012. To help meet the airport's energy requirements, Siemens is providing medium- and low-voltage systems and a transformer that will link the new transformer station with the airport's existing power grid.

Transformers for São Paulo's airport are being built at Siemens' factory in Jundiaí near São Paulo. Jundiaí is one of Siemens' 14 production facilities and seven R&D centers in Brazil. The company has been active in the country for more than 140 years. With more than 9,000 employees, Siemens in Brazil posted revenue of some 2 billion Euro in fiscal 2012.

In the last century, Siemens played a key role in Brazil's modernization. Half of the country's energy is generated with the help of products and solutions from Siemens. The company has supplied about one-third of all the imaging devices in use in Brazil's healthcare system. Having opened nine new factories and created 4,000 new jobs in the last ten years alone, Siemens in Brazil plans to grow still further in the years ahead and increase its investment in local value creation accordingly.

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Further information on Siemens' infrastructure for mega events in Brazil and press pictures are available at www.siemens.com/press/brazil .

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Siemens AG (Berlin and Munich) is a global powerhouse in electronics and electrical engineering, operating in the fields of industry, energy and healthcare as well as providing infrastructure solutions, primarily for cities and metropolitan areas. For over 165 years, Siemens has stood for technological excellence, innovation, quality, reliability and internationality. The company is the world's largest provider of environmental technologies. Around 40 percent of its total revenue stems from green products and solutions. In fiscal 2012, which ended on September 30, 2012, revenue from continuing operations totaled €78.5 billion and income from continuing operations €4.7 billion (incl. IAS 19R and reclassification of the solar business into continuing operations). At the end of September 2012, Siemens had around 370,000 employees worldwide on the basis of continuing operations. Further information is available on the Internet at: www.siemens.com.