

C40 and Siemens honor cities for leadership in tackling climate change

- **Ten city projects receive City Climate Leadership Awards**
- **Award categories encompassing the most important areas of climate action**

Siemens and the C40 Cities Climate Leadership Group (C40) announced the winners of the City Climate Leadership Awards 2014 at a ceremony held on Monday night in New York City. The Awards honor cities all over the world for excellence in urban sustainability and leadership in the fight against climate change. The winning cities in the ten award categories are:

- Amsterdam (Finance & Economic Development)
- Barcelona (Intelligent City Infrastructure)
- Buenos Aires (Solid Waste Management)
- London (Carbon Measurement & Planning and Air Quality)
- Melbourne (Adaptation & Resilience)
- New York City (Energy Efficient Built Environment)
- Portland (Sustainable Communities)
- Seoul (Green Energy)
- Shenzhen (Urban Transportation)

"The C40 & Siemens City Climate Leadership Awards demonstrate the breadth, scale and impact of the most innovative climate actions in cities around the world,"

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**CITY CLIMATE
LEADERSHIP
AWARDS**

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said C40 Chair, Rio de Janeiro Mayor Eduardo Paes. "I commend the winning cities for their leadership and commitment, and am confident that their knowledge and experience will help drive other cities to implement on-the-ground solutions faster and more efficiently. Through cooperation and collaboration, cities continue to deliver the results that are having a global impact."

"In the fight against climate change, cities have the most crucial role to play," said Roland Busch, CEO of Siemens Infrastructure & Cities Sector and Member of the Managing Board of Siemens AG. "And cities are very aware of this. We were simply overwhelmed by the number and quality of environmentally impactful and innovative city initiatives from all over the world. We have seen bold approaches, out-of-the-box thinking and smart ingenuity. The key thing is: these are not just ideas but these are ideas that are making a difference."

The winners were celebrated at an Awards Ceremony featuring Eduardo Paes as well as Roland Busch, C40 Board President Michael R. Bloomberg and Gro Harlem Brundtland, former Norwegian Prime Minister. The event brought together more than 250 decision-makers from cities around the world including national leaders, mayors, city planners, policy makers and representatives from the business world.

The award-winning cities were selected for the following actions:

Finance and Economic Development recipient: **Amsterdam** for its 'Investment Fund'. With this innovative project the city demonstrates how environmental and climate protection initiatives can be effectively incorporated into a city's economic development strategy. Amsterdam designed a powerful financing instrument of USD 103 million to be invested in sustainable energy projects, some of them focusing on small businesses. The fund lowers energy bills for citizens and businesses and contributes to Amsterdam's overall CO₂ reduction targets: In 2010, the city had already achieved a 20 percent reduction, compared to 1990 levels.

Intelligent City Infrastructure recipient: **Barcelona** for its 'Urban Platform'. This project introduces a new Information and Communication Technology (ICT) architecture that provides a single platform, which interconnects the entire city. The platform enables the city to manage resources efficiently and reduce the impact of urban infrastructure on the environment. It will help the city save energy and reduce pollution thanks to sensors monitoring water levels for irrigation, garbage containers, parking, people flow, energy efficiency in city buildings, etc. The program is also geared towards citizen

engagement and features a web platform called “GO” (Open Government), which publishes all data publicly.

Solid Waste Management recipient: **Buenos Aires** for its ‘Solid Urban Waste Reduction Project’. This project is not only improving the city’s cleanliness, but it is also a well-integrated and easily replicable strategy that includes strong citizen engagement and job growth. The city has committed to reducing waste sent to landfill by 83 percent by 2017, achieving this through an ambitious waste treatment program based on waste separation at origin, recovery, recycling and valorization. The city’s efforts have already resulted in a significant reduction of waste sent to landfills.

Carbon Measurement and Planning recipient: **London** for its assessment of city-wide greenhouse gas (GHG) emissions. Between 2012 and 2013, the Greater London Authority (GLA) took a holistic approach to measuring GHG emissions. It was the first city worldwide to report direct and indirect city-wide GHG emissions following internationally recognized GHG accounting and reporting principles. The effort builds on the C40 and partners’ Global Protocol for Community-scale GHG Emissions (GPC) (in which London was also a pilot city), including a wider range of indirect emissions and a separate consumption-based methodology.

Air Quality recipient: **London** for its ‘New Taxi for London’ project. Transport accounts for 60 percent of all air pollutant emissions in London. This project seeks to develop new zero emission-capable vehicles with manufacturers; it will use GPS-based geofencing to switch hybrid vehicles to its zero emission drive cycle and will provide a range of innovative financing solutions. The aim of the project is to reduce emissions from the city’s iconic black taxi fleet by up to 100 percent in central London and around 75 percent in the rest of the city. Since the introduction of age limits more than 3,000 of the oldest taxis have been retired and from 2018 all taxis will be newly licensed. This project is a unique approach of aligning the Government Office for low emission vehicles, the European Investment Bank and the UK Green Investment Bank.

Adaptation and Resilience recipient: **Melbourne** for its ‘Urban Landscapes Climate Adaptation Program’. By increasing green space to 7.6 percent of municipal space and doubling the tree canopy, the program’s goal is to cool the city by 4°C and reduce drought vulnerability using green infrastructure. The city’s actions have already led to the planting of 12,000 new trees and the addition of 10,000 square meters of green space. The program includes running extensive citizen engagement initiatives, which together with the other actions provide a wide range of benefits including improved air quality and city resilience, reduced energy demand, and reduced heat-related illness and morbidity.

Energy Efficient Built Environment recipient: **New York** for its 'Greener, Greater Buildings Plan' and New York City 'Carbon Challenge' program. Launched to back up New York's environmental goal of reducing citywide GHG emissions by 30 percent by 2030, these programs benefit building owners through energy savings, and improve both air quality and public health. By reducing an estimated 5 percent of GHG emissions, this program can save the city USD 7 billion in energy costs and create roughly 17,800 jobs over the next 10 years. The NYC Carbon Challenge is designed to reduce emissions by more than 600,000 metric tons by the end of the program.

Sustainable Communities recipient: **Portland** for its 'Healthy Connected City' network. The city is developing "complete neighborhoods" to give all residents safe and convenient access to the goods and services needed in daily life. In 2012, 45 percent of the Portland population lived in complete neighborhoods, a figure which the city aims to raise to 80 percent by 2035. The city's ambitious and successful initiative shows a unique and valuable pathway to sustainable, resilient, and low carbon communities.

Green Energy recipient: **Seoul** for its 'Make Seoul a City of Sunlight' project. The city is building more photovoltaic facilities, targeting a reduction of greenhouse emissions as well as the city's heavy dependence on fossil fuels, oil and nuclear and coal power plants. This project is part of the 'One Less Nuclear Power Initiative', designed to reduce the city's energy demand by two million tons of oil equivalent, which is the same amount as the output of one nuclear plant. Seoul's aim is to function as a huge solar power plant and create energy independent communities.

Urban Transportation Award recipient: **Shenzhen**, for its 'New Energy Vehicle Promotion' project. As of December 2013, Shenzhen has introduced a new energy vehicle fleet of more than 6,000 units, making it the largest zero-emissions fleet in service worldwide. The project aims to add 35,000 new energy vehicles to the fleet in the next two years and to reach a zero emission ecosystem in the long term. Between 2009 and 2013, this program has cut CO₂ emissions by 160,000 tones, leading to the city being ranked in the top 10 for best air quality in China according to China's Environment Agency.

About the Awards competition:

This year marks the second collaboration between C40 and Siemens on this awards competition, which recognizes innovative city driven climate actions. Cities around the world submitted 87 applications. An independent, seven-member judging panel consisting of former city mayors, architects, representatives of the World Bank, as well as C40 and Siemens evaluated 31 projects in 26 cities as award finalists.

The City Climate Leadership Awards are part of a broader collaboration between Siemens and C40, announced in New York City in April 2013. In addition to the Awards, Siemens supports the C40 Measurement and Planning Initiative –an effort dedicated to enhancing each member city’s ability to measure data, take action and track progress towards self-identified goals. Siemens’ technical expertise is directly available to C40’s robust network of cities.

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This press release and press pictures are available at

www.siemens.com/press/CCLA-2014

For more information on the Awards and the projects of the finalist cities, go to:

www.cityclimateleadershipawards.com

For more information on the Green City Index, go to:

www.siemens.com/entry/cc/en/greencityindex.htm

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Joint Press Release
by Siemens and C40 Cities Climate Leadership Group

The **Siemens Infrastructure & Cities Sector** (Munich, Germany), with approximately 90,000 employees, focuses on sustainable and intelligent infrastructure technologies. Its offering includes products, systems and solutions for intelligent traffic management, rail-bound transportation, smart grids, power distribution, energy efficient buildings, and safety and security. The Sector comprises the divisions Building Technologies, Low and Medium Voltage, Mobility and Logistics, Rail Systems and Smart Grid. For more information visit www.siemens.com/infrastructure-cities

The **C40 Cities Climate Leadership Group** (C40) is a network of large and engaged cities from around the world committed to implementing meaningful and sustainable climate-related actions locally that will help address climate change globally. C40 was established in 2005 and expanded via a partnership in 2006 with President William J. Clinton's Climate Initiative (CCI). The current chair of the C40 is Rio Mayor Eduardo Paes; former Chair, 108th Mayor of New York City Mayor Michael R. Bloomberg serves as President of the Board. To learn more about the work of C40 and our Cities, please visit www.c40.org, follow us on Twitter @c40cities and like us on Facebook at www.facebook.com/C40Cities.