



GOING FOR GREEN AT THE OLYMPIC GAMES >>

Contributing to a sustainable and greener Olympic Games

Atos Origin is the Worldwide Information Technology Partner and Top Partner of the International Olympic Committee (IOC). Atos Origin's contract with the IOC is the largest sports related information technology contract ever awarded and covers the Olympic Games in Salt Lake City 2002, Athens 2004, Torino 2006, Beijing 2008, Vancouver 2010, London 2012, Sochi 2014 and Rio in 2016.

As part of its partnership with the Olympic Movement, Atos Origin is committed to delivering excellence and helping the Olympic Games Organizing Committees and the IOC deploy technological solutions **to reduce the Games' carbon footprint** in many different ways from reducing the consumption of paper to cutting down on travel.

TECHNOLOGY PLAYS A CRITICAL ROLE IN ENABLING A SUSTAINABLE GAMES

Large sporting events like the Olympic Games contribute to global warming by using considerable energy to heat buildings, power equipment, and transport people and goods. These actions all generate greenhouse gas, or "carbon", emissions. However, these circumstances challenge the members of the Olympic and Paralympic Movements to demonstrate leadership in minimizing carbon emissions and to leverage the Games and its sports to raise awareness of and promote responsible climate action among athletes, sport organizations, sponsors, partners and spectators.

As part of its partnership and collaboration with the IOC, Atos Origin is continually looking at ways to minimize the environmental impact of the Olympic Games. With such a high-profile project, the goal is to measure the direct, indirect and associated levels of carbon generation and seek to deliver tangible improvements.

ENVIRONMENTAL IMPACT MINIMIZED THROUGH INCREASING DEVELOPMENT OF REMOTE SYSTEMS

For the Beijing Games in 2008, Atos Origin developed **the first remote information system for sports commentators**. The system allowed the media to access competition results in a fraction of a second from their home country studios using touch screen computers. This significantly reduced travel and CO2 emissions, as well as costs.

“Commenting on this new service, Craig Lau, Vice President of Information Technology for NBC Olympic Games, said, “The remote CIS service provided by Atos Origin has been nothing short of exceptional. System execution and delivery was flawless. For the first time, NBC producers and commentators in New York had real time access to live results data as our teams in Beijing. This has enabled NBC to work more efficiently and effectively, saving real money by allowing us to reduce production personnel in Beijing.’

For the 2010 Olympic Winter Games in Vancouver and the 2012 London Games, we are expecting to increase access to, and usage of, the Commentator Information Systems (CIS) from outside the host city.

In Beijing, Atos Origin also operated the remote INFO system, an external intranet providing media with remote access to onsite information at the same speed as the local solution. Remote INFO will also be used in Vancouver and London to help reduce the sheets of paper that were printed in Beijing by providing the competition schedules and results directly to the journalists’ computers.

For the 2010 Olympic Winter Games in Vancouver, Atos Origin developed and operated **the first online volunteer platform**. This processed more than 50,000 applications from people in 100 countries, thus mainly reducing paper consumption and the associated greenhouse gas (GHG) emissions.

In another first, **the online Accreditation System** is one of Atos Origin’s many initiatives to deploy technological solutions that help the Vancouver organizing committee deliver a more sustainable Games and significantly reduce the amount of paper used during the Games. Previously, applications for accreditation were printed and sent around the world.

OPTIMIZING ENERGY CONSUMPTION

Atos Origin is also contributing to the Olympic Games and the various organising committee’s goals to achieve carbon reduction and make the Games as environmentally responsible as possible through the deployment of an environment friendly technology infrastructure.

One of the roles we have is designing the IT Infrastructure for the Olympic Games. The new technology we are using for the Vancouver 2010 Olympic Winter Games is virtualization. As a result we use less IT Infrastructure elements and thus energy, cutting electricity use by 30% in several instances.

Atos Origin is also working with the London Organising Committee for the 2012 Olympic Games (London 2012) to evaluate the use of new technologies, such as virtualisation, so that the London Games use less energy and hardware than in Beijing.

London 2012 will leverage a number of technology innovations to improve access to information and with the objective to deliver the most sustainable Olympic Games yet. For the first time, we will implement a new solution, designed together with the IOC, – the Olympic Data Feed - to consolidate all data feeds to the newswires, websites and London 2012 intranet into a single solution to provide a more sustainable and efficient service.

Key Facts

- > By designing the IT Infrastructure more eco-efficient, we have reduced 30% in electricity use in several instances
- > Through the online Volunteer portal and online Accreditation system we estimate to reduce a substantial number of printed forms
- > Less media and journalist will have to travel to Vancouver by using our remote CIS and INFO systems, therefore reducing CO2 emission

Atos Origin receives Sustainability Star

Atos Origin has been awarded a Sustainability Star by the Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games for its sustainable solutions and in recognition for its commitment to contributing to greener Olympic Games and helping the organising committee achieving its goals to make the Vancouver 2010 Olympic Winter Games as environmentally responsible as possible.



‘WE TAKE SUSTAINABLE DEVELOPMENT INTO ACCOUNT IN EVERYTHING WE DO; FROM THE BID PROCESS TO BECOME AN OLYMPIC CITY, TO CONSTRUCTION OF SPORT INFRASTRUCTURE, OPERATIONAL ISSUES AND OF COURSE INFORMATION TECHNOLOGY. WE ARE VERY HAPPY TO HAVE A PARTNER LIKE ATOS ORIGIN WHO HAS EXACTLY THE SAME VISION AND THE SAME GOALS’.

Jacques Rogge, President of the International Olympic Committee