

Atos joins AI4Cities, the European project to accelerate the transition of cities to carbon neutrality

Madrid (Spain), Paris (France) - June 9, 2021 - Atos joins [AI4Cities](#), a three-year EU-funded project which aims to help six European cities and regions accelerate their transition towards carbon neutrality. This includes: Helsinki (Finland), Amsterdam (Netherlands), Copenhagen (Denmark), Paris Region (France), Stravanger (Norway) and Tallin (Estonia). The artificial intelligence (AI) solutions will ultimately contribute to the reduction of CO2 in the areas of mobility and energy, two domains responsible for 82% of all greenhouse gas emissions in European cities.

Atos has been selected for the Phase 1 of **AI4Cities**: the pre-commercial procurement (PCP) process that challenges technology companies in the six cities and regions to design, implement and test innovative artificial intelligence solutions helping them to modernize public sector services and solve societal key challenges. The selected companies will, with artificial intelligence: analyze travel patterns to design more efficient routes and schedules, contributing to a much smaller environmental footprint; optimize the use of electric vehicle charging locations by providing recommendations based on artificial intelligence; and reduce the time to evaluate, plan and promote investments (e.g. for building renovation). In addition, companies will work to optimize the consumption and energy efficiency in buildings and maximize the use of local renewable electricity through demand management, using buildings as distributed thermal energy storage, among other solutions. The total funding for this project, which will be divided among the selected suppliers throughout the whole PCP process, is 4.6 million euros.

Atos will be responsible for developing services through the solution called "**AI4GreenBuildings**" which uses artificial intelligence to improve the energy performance of buildings and its impact in terms of greenhouse gas emissions, through a control suite that monitors the building flexible energy supply (i.e. electricity, heating, ventilation, air conditioning, water) and usage in buildings. In parallel, the solution will help municipal decision-makers to create smarter and more effective streamlined policies. The solution will also raise citizen awareness on how their actions can impact energy consumption and CO2 emissions.

"**AI4GreenBuildings**" proposes an innovative solution to empower cities and their citizens, allowing them to manage all the energy resources of buildings, thanks to an innovative Information and Communication Technology (ICT) platform, that enables interoperability and integration of devices (e.g. meters, sensors, etc.) for efficient generation, storage and consumption management specifically designed for homes, buildings, and even entire neighborhoods and communities. Its open, standard, and flexible design opens the door to future scalability, replicability, collaboration, and integration of external communities in a simple way.

Atos will use machine learning (ML) models to exploit the collected data and to create AI-powered services to optimize energy resource management and consequently reduce overall CO2 emissions.

"We are very proud to work on helping deliver a sustainable society with AI4Cities, which is the ideal framework to test Atos's most innovative solutions for improving energy efficiency in cities, with the necessary technical scope and the sufficient geographic dimension to get impactful and visible results in several big cities of Europe", said **Javier Valiño, Head of the Energy, Climate and Decarbonization Unit of the R&D department of Atos Iberia.**

Atos has recently confirmed its position as the leader of decarbonized and secure digital, driven by its ambition to reach net-zero by 2028 and, by providing customers with the launch of the most comprehensive, end-to-end decarbonization portfolio on the market: [LINK](#).

AI4cities is made up of several multidisciplinary partners from countries such as France, the Netherlands, Estonia, Denmark, Norway and Spain among others.

For more information, visit <https://ai4cities.eu/>

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About Atos

Atos is a global leader in digital transformation with 105,000 employees and annual revenue of over € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos operates under the brands Atos and Atos|Syntel. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

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