



## Sustainability and Energy Efficiency in Portuguese Smart Cities

**(Portugal, 6<sup>th</sup> of December 2023)** The environment is one of the axes of the Smart Cities Campaign that AICEP – Portuguese Trade & Investment Agency launched in the international market. The importance of sustainability, energy efficiency and preservation of natural resources are the major themes that motivate Portuguese companies to develop technologies and services specialized in energy and water resource management, which make a difference in the fight to reduce the carbon footprint and the use of fossil fuels.

The growth of smart cities has reinforced the importance of the environment and prioritized sustainability and environmentally friendly solutions. According to the United Nations, cities consume about 78% of the world's energy and are responsible for producing more than 60% of global greenhouse gas emissions. The planet faces a climate crisis, so using smart and innovative solutions in cities to achieve a climate-neutral impact is becoming urgent.

Projects developed by Portuguese companies and municipalities are at the forefront of the search for solutions for a more sustainable future, contributing to the construction of intelligent and energy-efficient cities.

**The campaign aims to support sustainable technologies and solutions developed by Portuguese companies** acting as problem solvers in the environmental area.

The Portuguese company [Omniflow](#) is responsible for the creation of Smart Poles, an intelligent sustainable infrastructure that aggregates various services and is powered by wind and solar energy, making use of natural resources to produce energy. Omniflow's solutions have already been implemented in Portuguese municipalities such as Lisbon and Matosinhos.

[Dstgroup's](#) Innovation Point has developed Powertracker, which is a digital platform that monitors the production of renewable energy generated by solar panels and which is already in use in several municipalities in the country, such as Lisbon, Vila Nova de Gaia and Vila Nova de Famalicão.

In [Guimarães](#), several water retention basins were created to avoid flooding and inundation situations in the city. The Gymnastics Academy building was covered with 100% plant-based material – cork – and has a sustainable ventilation system that keeps the temperature regulated according to the different seasons of the year. Here, rainwater is reused and used after being treated in the building.

In [Cascais](#), urban waste collection is done on board a 100% electric truck, which allows a more environmentally friendly collection, and MobiCascais encourages citizens, through the mobile application, to opt for electric vehicles from the use of soft mobility to the hydrogen-powered bus.

Portuguese municipalities play a very important role in the dissemination, implementation and expansion of projects developed by Portuguese companies. They are intrinsically involved in the solutions designed to improve the quality of life of their citizens.

**Changing the Future Together** is the motto of the campaign which challenges all cities in the world to adopt sustainable and ecological behaviours using the technologies developed within the scope of smart cities. Portugal is committed to transforming cities into energy-efficient urban centres. We encourage all decision-makers to join this mission and bet on the projects developed by Portuguese players so that it is possible to prioritize and guarantee the future of the planet and future generations.

[For more information:](#)

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