

**Hotel Name:** Renaissance Porto Lapa  
**Address:** Rua de Cervantes, 169 4050-289 Porto  
**Telephone:** +351 22 976 9810

## **Measures implemented for LEED Certification at Renaissance Porto Lapa Hotel:**

For LEED certification, several measures were taken from the design phase of the project to the execution of the work of this building, culminating in the implementation of rules and measures of daily operation by the internal teams of the Hotel and that, every day, try to bring the best practices and sustainable habits.

This building was developed to ensure the most adequate response to the needs of times, with a strong component for the concern of energy and environmental sustainability.

We share a summary of the main measures implemented below.

### **LOCATION AND TRANSPORT:**

1. Privileged location with proximity to services and public transportation;
2. Soft mobility:
  - a. Provision of structures for cyclists (places equipped with racks for fixing 28 bicycles and the existence of locker room in the building);
3. Parking spaces with 9 electric vehicle charging stations.

### **SUSTAINABLE SITES:**

1. 100% of parking spaces underground (which contributes to the minimization of the thermal island impact)
2. 1/3 of the site aimed at the enjoyment of the outdoor space by guests and other users of the building (e.g. paths with plant species labeling, outdoor furniture, etc.)

### **WATER EFFICIENCY:**

1. 40% of potable water savings in sanitary equipment
2. 55% of the building's sanitary flushes suppressed by reused rainwater
3. 70% water savings in irrigation

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## **ENERGY AND ATMOSPHERE:**

1. 40% energy savings compared to a reference building (very efficient, renewable lighting and HVAC systems)
2. 12% of the building's electricity consumption guaranteed by a photovoltaic plant installed on the roof.
3. Entrance with a natural metallic shading structure, allowing better interior temperature control due to the building's better thermal performance by balancing solar gains.

## **MATERIALS AND RESOURCES:**

1. Priority materials and products with well identified and quantified environmental impacts (e.g. more than 20 installed materials with Environmental Product Declarations).
2. More than 95% of construction waste recovered (diverted from landfill).

## **INDOOR ENVIRONMENTAL QUALITY**

1. 70% of occupants with workstations benefiting from abundant natural light.
2. Generous air renewal rates with filtration levels that ensure excellent indoor air quality.