

**Place**  
Lisbon, Portugal

**Date**  
2002 - 2010

**Client**  
Municipal de Almada

**Area**  
100 hectares

**Infrastructure cost/m<sup>2</sup>**  
600 euro

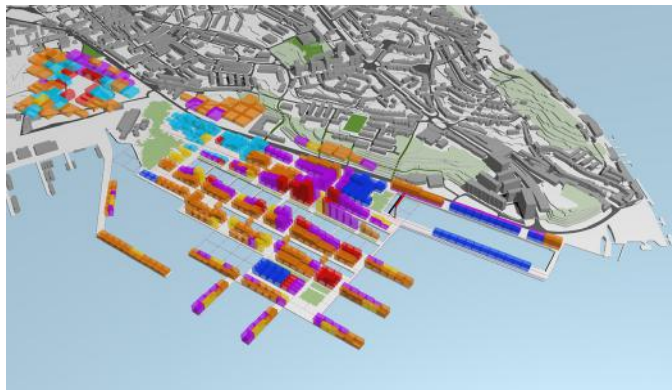
**Local Architect**  
Santa-Rita Arquitectos LDA

**Structural Engineer**  
WS Atkins

**Service Engineer**  
WS Atkins

**Quantity Surveyor**  
WS Atkins

**Landscape Architect**  
WS Atkins



## Our scheme aims to create an urban framework that repositions Almada as a key destination within the Lisbon Metropolitan Area

Rogers Stirk Harbour + Partners (RSHP) was commissioned to devise a masterplan for a 115-hectare site encompassing extensive former dockyards and a part of Almada's conurbation along a two-kilometre stretch of river frontage. The location is an outstanding topographic feature of the Tagus Estuary, important in terms of geography, history, economy and environment. The historic centre of Lisbon lies to the north of the site across the estuary, while to the south is an extensive nature reserve.

The masterplan envisages an employment-led mix of uses, leisure and cultural activities while retaining a large allocation of residential use. Densities ranging from 800,000m<sup>2</sup> to 1.5 million m<sup>2</sup> are planned, depending on the implementation of the proposed Metro link to Lisbon.

The masterplan's initial phase focuses on a transport strategy for the Almada area to reduce dependence on the car. This includes extending the proposed MST (tram), a Metro link from Lisbon, the expansion of an existing ferry terminal, and the creation of a river taxi service – strengthening existing connections with Lisbon and with the eastern Seixal area.

The new masterplan aims to maximise use of existing docks for amenities and parking, establish an interlocking network of docks and new water channels, as well as

creating compact waterside living and a new riverfront promenade along existing dock edges. To capitalise on the original maritime history of the site, the proposal includes a maritime museum and marinas, as well as a cruise liner terminal and provision for small-scale ship repair industries. In addition, there is scope for an academic and research community including a science centre, university departments, research and development facilities, along with media centres comprising studio facilities for young professionals and small businesses.

The possibility of delivering a zero carbon development will be explored through an integrated strategy for energy efficiency, on-site energy production and renewable energy harvesting. The environmental strategy includes maximising the use of solar energy such as photovoltaics and solar panels and the use of the docks as heat sinks for heating and cooling purposes and the incorporation of CHP plant to optimise energy consumption. Rainwater will be collected for irrigation and grey water usage.

The scheme also provides for a new energy centre, an eco park and an on-site water treatment plant, and aims to be a showcase for best practice in sustainability.