



**CATEGORY:** Urban / Architectural

**TEAM REPRESENTATIVE:** Architect

**LOCATION:** Barcelona. Sant Andreu

**POPULATION:** Barcelona 1.615.448 inhab. / Sant Andreu 146.956 inhab.

**STRATEGIC SITE:** 39,0 ha. **SITE OF PROJECT:** 5,3 ha

**SITE PROPOSED BY:** Barcelona City Council

**OWNER(S) OF THE SITE:** Barcelona City Council

**COMMISSION AFTER COMPETITION:** Public housing

#### HOW CAN THE SITE CONTRIBUTE TO THE ADAPTABLE CITY?

Barcelona is an extremely well consolidated city. It has a high population density and activities that are distributed homogeneously throughout its territory. There are some exceptions that are now being worked on with new regeneration plans and urban projects, with the strategic aim of ensuring that whole city works. The Barcelona City Council therefore wishes to prioritize projects that bring in new urban qualities for the benefit of the people, such as initiatives that renaturalize the areas, provide excellence in urban design, propose energy independence, promote an innovative and smart city, improve its districts and provide new affordable housing, promote energy rehabilitation and local production, promote connectivity and integrated infrastructure of a metropolitan nature.

#### CITY STRATEGY

The Barcelona City Council has proposed a new strategy for the city based on sustainable urban regeneration. Projects currently being developed encourage Barcelona to evolve into an interconnected, eco-efficient city on a human speed within a high-speed, hyperconnected, energy self-sufficient, renaturalised and regenerated metropolitan area.

In this sense, the strategic level of work being proposed is to bring together the planning, housing, infrastructure, environment and communication technologies and information.



**SITE DEFINITION**

The proposed competition site is in the northern part of Barcelona, in the Sant Andreu district. It is bounded by the Sant Andreu, Trinitat Vella, Baró de Viver and Bon Pastor districts. Some of city's most important infrastructure projects, both in scale and also in terms of the envisaged activity, are now under construction around this site, including the transformation of railway land in Sant Andreu and La Sagrera. The site contains a study area focused on the relations between the new parks to be built on the former railway easement, Trinitat Park and the Besòs River, and also by a project area: a triangular allotment that faces the new green zones, with a direct link to the Baró de Viver residential district, the Bon Pastor industrial area and La Maquinista shopping mall.

**ADAPTABILITY: MAINS ELEMENTS TO TAKE INTO ACCOUNT**

Projects should take into account two morphological reference elements: the new large-scale green axis along the railway easement, which will renaturalize this area, and the creation of a new residential area with public facilities and spaces linked to local shops and production which will complete and regenerate the existing urban fabric. For the study area, proposals must analyse the potential generated by the projects already implemented (Trinitat Park and public spaces along the banks of the Besòs River), and the new proposal for the large linear park along the railway easement in Sant Andreu and La Sagrera. It is important to assess the possibility of giving the consolidated city clear access to the natural environment and the way the green areas are considered as a chain of public spaces that renaturalise the urban fabric.

For the project area, proposals must make reference to the urban preconditions of the area, the different residential, business and industrial suburbs which, although built at different times, form a vibrant, inhabitable community with a good urban quality. Inputs that provide for an innovative and integrating urban design, and facilitate interpersonal relations, will be viewed in a positive light. Finally, there is a third essential component that must be thought about. Environmental and technological proposals that contribute to the project's energy independence, along with elements that improve water management, will be key aspects in the success of the proposal.

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view 5 Besós river



view 6 Trinitat Vella Park



view 7 La Maquinista shopping mall



view 8 housing from Baró de Viver