

The Millennium Project

The project is part of an integrated action by other functional units being DAD ARCHITECTURE (Sara Vázquez Delgado) and EXP ARCHITECTES responsible for the management of public spaces and the refurbishment of the bridge of Isabel the Catholic. The action has had a wide social acceptance, and has been incorporated immediately into the system of city life.

BACKGROUND AND APPROACH

The river divides Pisuerga Valladolid from north to south forming a green corridor of the first order. The bridge links the area to the traditional old town.

The project integrated the square with the riverbanks vegetaling space and architecture will contain. The water is closely linked to it appearing as a living element and forming. The performance incredible and magic elements contain: Sources, springs, geysers and water curtains. The light and color define the set of citizens.

We want an urban bubble of happy people. A quiet, quiet, relaxing, understood as an intercultural space. A place for everyone and that everyone can enjoy.

Environmental concerns and sustainability are the foundation of our approach of projecting, and are the premise for the implementation of any design criteria.

THE MILLENNIUM PLAZA, URBAN LANDSCAPE

The museum features all strata simultaneously cultural and social offering content and activities so that makes up a relational node, using the polarity of the Dome of Thirst.

The performance is all the space-square and banks, as a continuous unit, stratified at different levels, needs and issues: banks of the river, meadow and square.

The square is a project of soil, topography designed. The area of upwelling and fog keeps the continuity of the pavement. The slopes change their status allowing it to be trampled flat, forming an amphitheater in which large banks follow the contours. Several concrete deck chairs invite you to relax or to use public WiFi. A group of cypress trees begins the series of emblematic shade the beds.

Part of the furnishing is designed specifically. His character responds to demands related to the stratum of landscape in which it is located, taking into account the levels of flooding near the river.

INTEGRATION WITH THE RIVER: NATURAL LANDSCAPE

We strengthen the ecosystem of the river promoting biodiversity, taking into account the reversibility of all actions and minimal footprint. We have pursued three objectives: the quality of view, the quality of vegetation structure and ecological quality of the area influenced by the river.

Typological discriminate three strata ranging from the most natural thing in the bank at the most architectural in the square, going through the intermediate slopes. Do not bring anything that does not already exist.

Wood pallets allow a relationship with the water more intimate, more interesting, more alive. Its seats offering views spout projecting from the floating island. They are an ideal place for bird watching, fishing or reading. We plan a picnic area that allows the relationship to the natural environment.

The materials used are designed to withstand floods. The furniture in this area is different, more natural-looking, made of wood and steel treated. Three parallel rows of benches serve as bleachers for events in the river or small shows in the bank. They are associated with bright lines in the night draw contour lines.

REGENERATION OF BRIDGE ISABEL THE CATHOLIC

We lightened the bridge deck by removing existing pavement and place a wooden substructures flying on both sides to expand the scope allowing to integrate a bicycle lane. Pedestrians and vehicles traveling at different levels.

The new rail closed in the wind, humanizes the bridge. Its exterior is coated in solar panels. The row of generators that run the bridge us into the square. Its energy illuminates the surgical site, making Valladolid in a pioneer town. Improve accessibility by grazing light night. We incorporate a guide rod at the base of the railing and a Braille system of the position occupied in the handrails.

WATER AND LIGHT

The river is the large pond. The obstacle to be overcome. His quiet dynamic is changing in strength and extension. Is alive and gives life.

Water exists on the square in the ponds surrounding the pavilion. Appears in the playground area and forms the emerging sources and mists. Their sound fills the square, creating a unique microclimate. Integrates into aedicules cascading of changing colors. Hails from the great stream down the middle of the river.

On the other hand, is light, the container in which things exist. Nothing fits in your absence.

The project is also a project of light. We need a humane light. We use LED technology with which we create "scenes" almost theatrical and themed projections context. The small number of canes avoids unnecessary obstacles. Light environments reinforcing the points of interest and the water turns on and live.

ECOLOGY AND SUSTAINABILITY

We committed from the start in making a sustainable plan that uses runoff rainwater in non-potable uses. We use concrete made with gravel excavation. We use wood technology, we avoid 50% of installed electrical power and generate some of the energy we consume.

Incorporate the project management and habitat restoration to improve its quality. Respect to vegetation has been extreme, using native species chosen for their low water demand. Irrigation was performed with natural water from the river, which functions as a large cistern.

The vegetation invades the urban space increasing biodiversity. The oasis of calm that is generated will encourage the public experience of the square. Produce environmental quality and function as a sink for CO₂, We made the management of biomass from mowing and pruning for later use as fertilizer.

We designed a Selective Demolition Plan for the recovery of the construction elements at the end of life that includes innovative strategies, such as the cutting of the walls and concrete slabs for the production of reusable blocks. The performance is sensitive to accessibility issues. Each and every one of the areas of intervention are accessible for disabled drivers, and there Braille signs on the bridge and underground parking.