

GREEN ISLAND

PROJECT: GREEN ISLAND

LOCATION: BARCELONA . SPAIN

BUILT SURFACE: 33.950 sqm

YEAR: 1992

La Isla Verde© is a self-contained urban community, in spite of being designed on reclaimed land; it was to be built on a rock foundation that generates a biotype for marine life, as well as human occupation. The project is planned for the coast of Barcelona, although it is perfectly applicable to any coastal area around the world.

The community includes 344,445.133 sq ft for 202 bioclimatic houses, which make full use of the existing resources, reducing energy consumption; 1, 02257.148 sq ft are planned for private gardens and 164,580.190 sq ft for parking lots, located on the wooded hillside that surrounds the complex.

In addition, 20,989.625 sq ft are projected for shops, a hotel, a spa, a marina, bars, and restaurants, as well as 147,465.572 sq ft for promenades and a beach.

On La Isla Verde©, it is worth mentioning the use of efficient energy both in homes and in the half-buried public spaces. The use of renewable energy, such as wind, solar and geothermal, is paramount. It also treats and recycles gray water. Traffic on the island is limited to electric vehicles.

This project was included in the exhibition Il.luminacions. Catalunya Visionària produced by the Barcelona Contemporary Culture Center (CCCB).It also received the support of Greenpeace, as an example of sustainable development.
