

# Millennium Project

Article written by Enric Ruiz Geli - May 12, 2011

Architecture is the leading cause of climate change.

We issued 40% of CO2 emissions.

This is our mission as architects.

We have a job: to be leaders and responsible.

## 0

### Intro

Our firm is working on pilot projects for energy efficiency and retrofitting as Arts Santa Monica, zero emissions and digital manufacturing as the Media-TIC, the Smart Grid as El Bulli Foundation, and in hurricane activity and micro-states in the Eastern Caribbean OECS, and sustainable tourism in Cancun, also Open Innovation projects in Panama, marine parks in New York, Green agenda in London and now Valladolid.

## 1

### Surprise

Valladolid bought the dome of the Expo Zaragoza 2008 and so we were surprised at the office, with a decision to revive, recycle unprecedented architecture, to do better in its urban fabric.

Valladolid with the Millennium Project makes "urban acupuncture" promoted by Jaime Lerner, director of Urban Affairs Advisor of the UN.

That means injecting synthetically added value in a deteriorating urban fabric.

A city project to cure the city, this is the strategy of the government team in the city of Valladolid.

## 2

### Problems

We visited the place, a city landscape of the 80's, cars, pollution, lack of respect for the environment, a city back to the river, an old concrete engineering infrastructure, no energy plan, mobility, not public space, meeting. . .

## 3

### Managing Complexity

So the policy of Valladolid, understood to be a very complex problem and is assembled with the help of complex technical tools: Cloud 9, EXP, DAD, Le Petit Français, Eduardo Sanchez and Sacyr.

In order to create the solution complex and intervening landscape + architecture + urbanism + + infrastructure + energy and mobility is what makes this historic project in Spain and a leader in Europe.

The Millennium Project is a square and a pavilion, and an urban space, and riparian forest, and mobility bike, and pacification of public space, and noise reduction, and improvement of pollution, and lower power consumption and reduced footprint, and

light metal, and recycled materials and certified wood, low lighting and LEDs, and micro wind production, and a new ETFE membrane, and more natural and less artificial light, and space to create culture, action, sports, events, and more contact with the river, and trees, and oxygenate the river, and biodiversity, and better environment for residents, and new center. . .

So it's not a square and a pavilion, but a flagship, right?

#### **4**

##### **Innovation leadership**

Valladolid today marks the roadmap micro wind energy in Spain, with 10 mills Urban Green Energy, world leaders in the sector.

Behind him there are others being planned city San Sebastian, Zaragoza, Barcelona,...

Valladolid is added to the list of pilot projects on climate change.

Because it is leader in the use of the certification tool Spain Green Building Council (GBCe).

Valladolid joins cities struggle to meet the European agenda 2020.

We are drivers of excellence in clean energy, will soon have the results, and aim high, congratulations to all the technical equipment of Sacyr.

Valladolid is added in alignment to the Green City city, SMART city, SLOW City, which are the major trends in urban innovation and technology in Europe.

Valladolid is in the league of green thinking, where we have to be as a city, and I as a citizen, visitor, with the love of a technician who seeks places, cities to plant the seed of the future that requires us citizenship and that this government is promoting.

#### **5**

##### **Missing you**

We will soon see the active Millennium Project, the architecture is a platform of knowledge for society, helps us become better, to progress.

This knowledge transfer Valladolid, excites the internal debate, brings together the best of outside and inside, and lead with excellence.

Valladolid Congratulations go together to Excellence, in empathy with the planet.