

## 36. Parc de l'Alba

### MUNICIPALITY

Cerdanyola del Vallès

### HEADING

The Parc de l'Alba inaugurates an energy production system that is an example to Europe.

### ECONOMIC AND TECHNICAL DATA

- Surface area: 340 ha (70% for public use and 30% for building)
- New jobs: 40,000
- Residents: 10,000
- Green zones: 180 ha.
- Total floor space: 1.9 Mm<sup>2</sup> (70% productive, 24% residential and 6% commercial)
- Investment made: €448 M
  - o Urban development 1st phase: €112 M
  - o New buildings: €336 M

### DESCRIPTION OF PROJECT

The Parc de l'Alba is one of the most important urban planning initiatives in Europe. Its mission is to be a driving force in developing the Catalan economy and innovation.

This public scheme, jointly promoted by Incasol and Cerdanyola del Vallès City Council, occupies a strategic location at the heart of the B-30 business hub (between the Alba Synchrotron, the UAB Campus and the VTP). It is creating a science and technology park of the first order on a European scale, equipped with state-of-the-art infrastructures and surrounded by green zones, residential space and amenities.

The first phase of Parc de l'Alba is already operational, bringing investment of 112 million euros and allowing the creation of a thirty hectare plot for knowledge-intensive activities; restoring fifteen hectares of free space, and putting up the first buildings and urban services which have advanced technologies, an exemplary level of energy efficiency and saving of natural resources.

During 2011 the Parc de l'Alba inaugurated an energy polygeneration plant, pioneer in Europe, which produces electricity, cold and heat simultaneously. This infrastructure has achieved an energy and economic saving of 35% compared to traditional systems and provides high-quality and reliable services. This is why it has become the main energy supplier to the Alba Synchrotron and also provides a district heating and cooling system (DH&C) to service all sites of the Alba Scientific and Technology Park.

In 2012 activities of environmental interest will be completed, as will the first phase of the Parc de l'Alba green belt, and construction of new business buildings will begin.

### PROJECT ADDRESS

[www.parcdelalba.cat](http://www.parcdelalba.cat)

### RESPONSIBLE

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