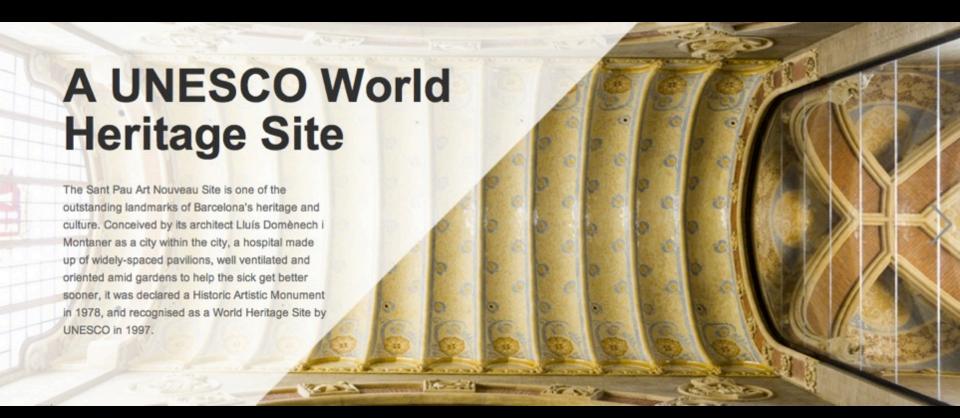


# Sant Pau Art Noveau Site The recovery of a world heritage site

Juan Carlos Belloso Pilzen, November 6, 2014









#### The Centre for Knowledge and Cultural Dissemination

After over eighty years as the site of the Hospital de la Santa Creu i Sant Pau, the Art Nouveau site has been transformed into a research centre accommodating benchmark international organisations in the fields of **healthcare**, **sustainability and education**, all three of which are consistent with the institution's foundational aims.

At present, seven entities are housed on this campus of knowledge:

- The United Nations University (UNU)
- Casa Àsia
- The Global Water Operators' Partnerships Alliance (GWOPA)
- The World Health Organisation (WHO)
- The European Forestry Institute (EFI)
- The UN-Habitat City Resilience Programme
- The Global University Network for Innovation (GUNI).

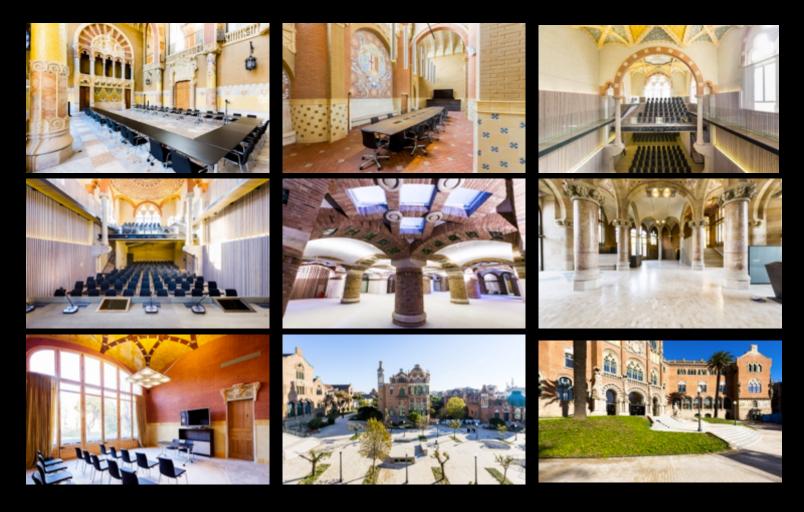


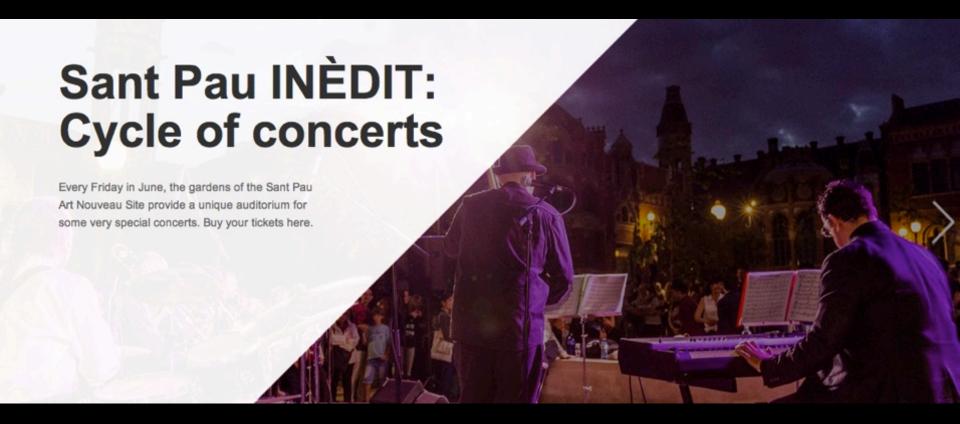




## An exceptional meeting place

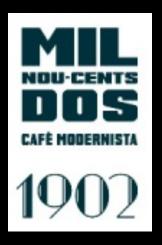
#### Rental of Venues





## Services

#### 1902 Cafè Modernista













## Services

#### Shop









GENERALITAT DE CATALUNYA







## The Origins – The Mediaeval Hospital (1450)







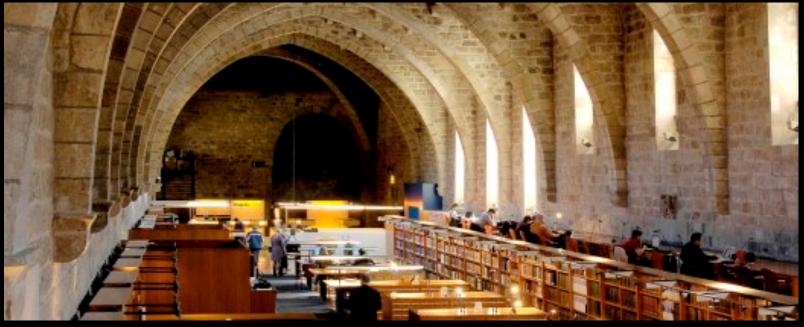


## Biblioteca Nacional de Catalunya









#### Sant Pau and its Benefactors





Pau Gil i Serra

## The Architect: Lluís Domènech i Montaner





Lluís Domènech i Montaner

## The Art Nouveau Hospital (1930)



## The concept: "A city within a city"



#### The concept: "A city within a city"

Hectàrees

Superfície equivalent
a 9 illes de l'Eixample

45189 m² d'espai exterior



29.429 m<sup>2</sup> Vials



15.760 m² Zona enjardinada

45.280 m² construïts

1km

Més d'1 quilòmetre de galeries subterrànies que connecten tots els pavellons.









Pabellones enfermeria del Larmen, de Montserrat y de la Merced







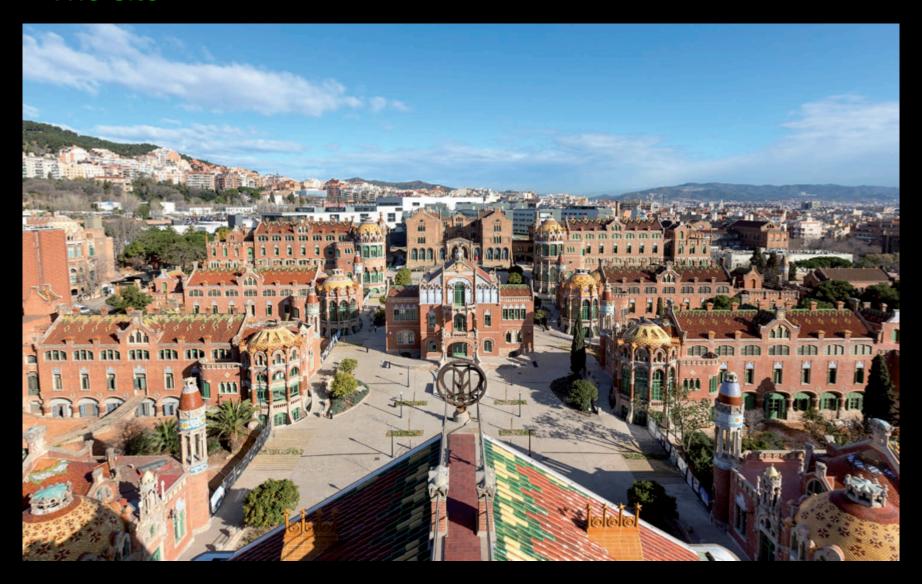








## The site



## The materials









## The gardens

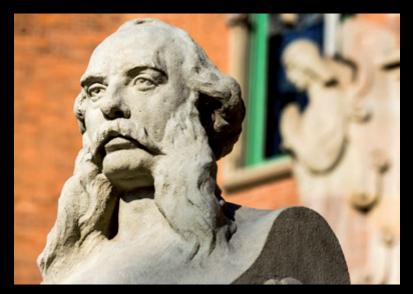








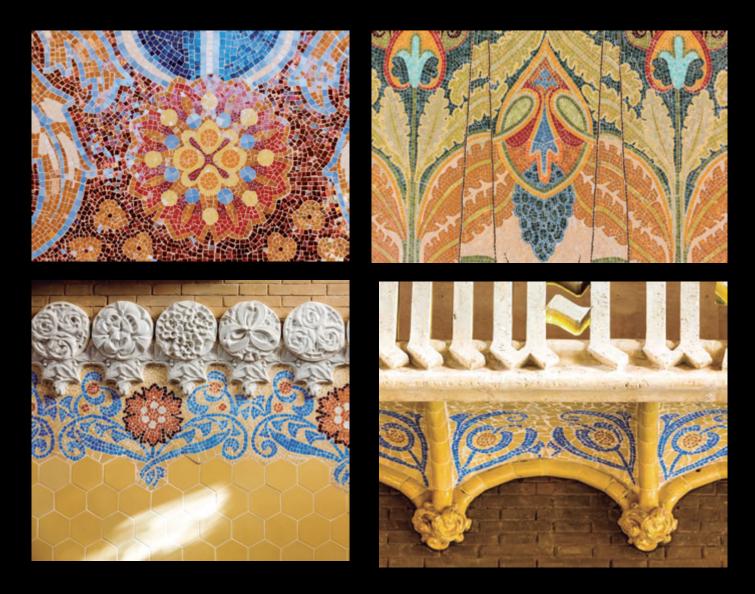
## The sculptures







## The ceramics



# Recovery of a world heritage site





# Recovery of a world heritage site: Need







View of the damage to one of the domes; collapse of the dome of the Mercè Pavilion; and the condition of some of the ornamentals elements.

## Planning and organization of the refurbishment project

Once the healthcare activity was moved off-site, the refurbishment process of the Art Nouveau Complex began.

An initial phase of action was defined in the central area of the Complex, which holds the greatest heritage value with the following features:

- A built surface area of 29,517 m2
- 31,052 m2 of outdoor space
- 12 pavilions
- 1 km of underground galleries

The refurbishment work began in October 2009 and was envisaged to be completed by the middle of 2014.





# Recovery of a world heritage site: Opportunity

SANT PAU - BARCELONA Ciutat internacional / Capital del Mediterrani

# Recovery of a world heritage site: Opportunity



#### Objectives of intervention

The recovery of the historic-cultural and architectural value of the Sant Pau Art Nouveau Site was led by **two clear objectives**:

- to provide the old pavilions with new uses capable of attracting outstanding international organisations, and
- to enable the opening up of the heritage site to the city and its visitors with a project of exceptional quality.





#### Criteria of intervention

# A commitment to a quality full – scale refurbishment that is respectful of the heritage

- a) Creation of the heritage Committee
- b) Research and documentation process
- c) Definition of restoration criteria





## Restoration criteria

## 1. To ensure a quality architectural recovery









#### Restoration criteria

2. To convert the Sant Pau Complex into a model for **energy sustainability**.









#### Restoration criteria

3. To incorporate the **new information and communication technologies**, in the commitment to attain a benchmark refurbishment in this field.



#### The result

The balance, rigour and coherence among these three objectives are essential to ensuring that the recovery of the Sant Pau Art Nouveau Complex serves as a model for heritage restoration and at the same time a benchmark for the incorporation of 21st century functional needs into the recovery of 20th-century heritage (Art Nouveau together with modernity).





#### Current state of affairs of the restoration process

- 35.505 m2 built surface
- 27.718 m2 outdoor space
- 6 completely restored buildings
- 2 pavilions are currently undergoing restoration
- The executive consolidation plan has been drafted for 4 buildings
- The installation ring has been installed, underground rooms have been annexed to the pavilions and part of the installation of the medium voltage installation has been finished
- 67 teams of architects, with a total of 90 architects involved
- 25 engineering offices.
- 103 construction companies
- 20 restoration companies
- 37 collaborating companies (gardening, signage, security, materials, etc.)
- 3 stonecutters
- 72 M € investment





#### Financing of the restoration

#### **Philosophy**

As the agreements with the different institutions to be located at the site were closed, the specific functional plans were developed and financing was obtained, drafting of executive projects for comprehensive rehabilitation were done.





#### Financing of the restoration

- FEDER Catalonia 2007 2013
- Ministry of Culture
- 1% Cultural (Ley de Patrimonio Histórico Ministerio de Fomento)
- Generalitat de Catalunya
- Ajuntament de Barcelona
- Fons Estatal d'Inversió Local
- Fundació Privada Hospital de la Santa Creu i Sant Pau





















## Sant Pau Art Nouveau Site today

- Europe's largest art nouveau site, a UNESCO World Heritage Site and one of Barcelona's most outstanding tourist sites, along with the Pedrera, the Casa Batlló and the Sagrada Família.
- An international knowledge centre
- An exceptional meeting place
- A new modern and dynamic cultural center for the city







#### First six months of the opening

- Consolidated as one of Barcelona's most outstanding tourist sites (130.000 visitors + 120.000 visitors first month of open doors).
   Original target was 120.000 visitors per year
- + 200 hundred people working in the international organizations located at Sant Pau
- Consolidated as a new modern and dynamic meeting place and cultural center for the city
- Contributed to transformation of the neighborhood.



