

# Partial adaptation of the Turbine Hall to open the Three Chimneys site in Besòs for public use

1/4

Buit Heritage | 07A001614

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## OBJECTIVE OF THE PROJECT

The protected building holds undeniable architectural significance. The intervention aims to enhance its value and reactivate it, demonstrating its capacity to accommodate diverse uses far removed from its original purpose. The approach has been deliberately discreet to preserve the original characteristics of the space. The adaptation works have been kept to the essential minimum required to make the building accessible to the public.

## ADAPTATION

The project focuses on defining the necessary interventions in the spaces of the Turbine Hall of the Sant Adrià de Besòs Thermal Power Plant to accommodate artistic activities for the Manifesta Festival, taking place from September to November 2024. The main objectives of these interventions are:

- Ensuring universal accessibility by introducing new adapted vertical circulation cores, eliminating level differences in walkable areas, and providing access to all rehabilitated spaces.
- Guaranteeing user safety by adapting railings to current regulations, ensuring compliance with legal requirements, and carrying out necessary structural repairs.
- Equipping the building with basic facilities necessary for its operation during the event.

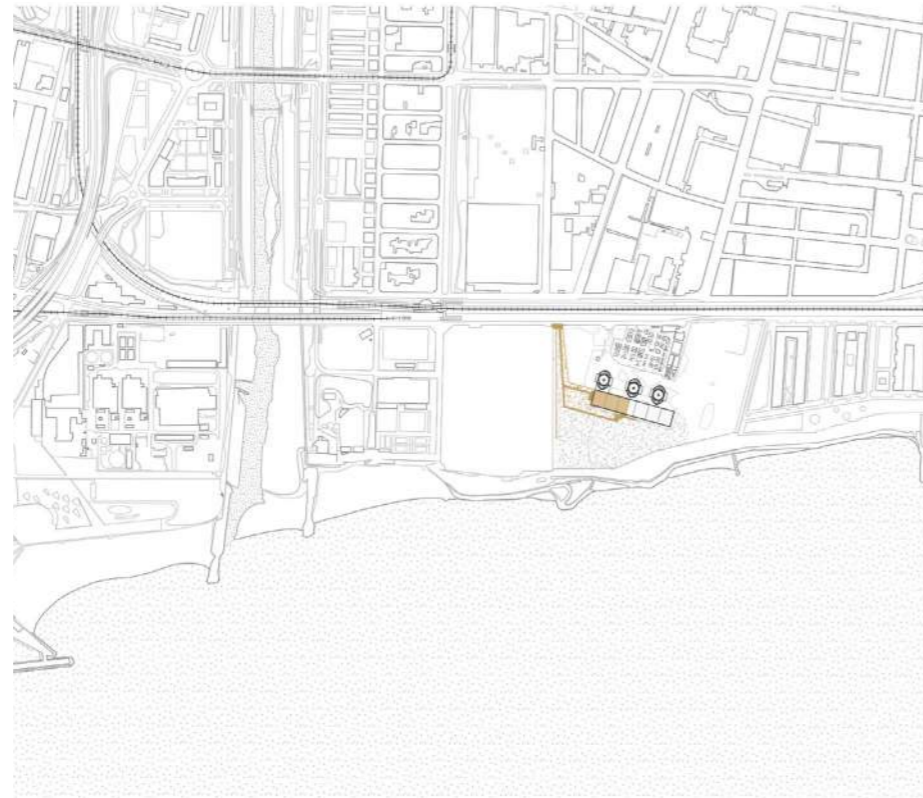
## PROCESS

The repurposing of the Turbine Hall for public use is a long-term process, initiated by this intervention. After more than ten years of closure, these adaptation works represent the essential minimum required to reopen the building to the public. The rehabilitation carried out serves as a first step towards the complete reactivation of the building, allowing it to be tested before its full conversion.

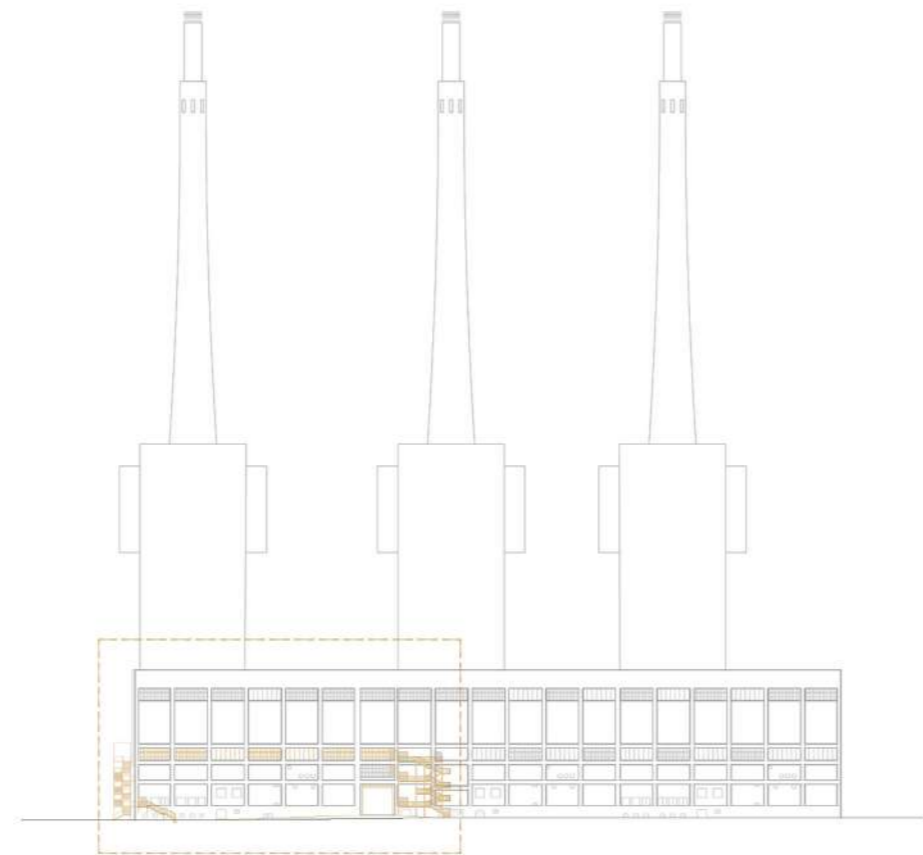
## PROPOSED SOLUTION

The building, along with the three chimneys, has been designated a Local Cultural Heritage Site (BCIL), and its preservation has been ensured by adhering to urban planning regulations. The Catalunya Media City initiative, promoted by the Generalitat, allows for provisional cultural uses within this space, including the Manifesta Biennale 2024, which brings artistic activities to various metropolitan cities.

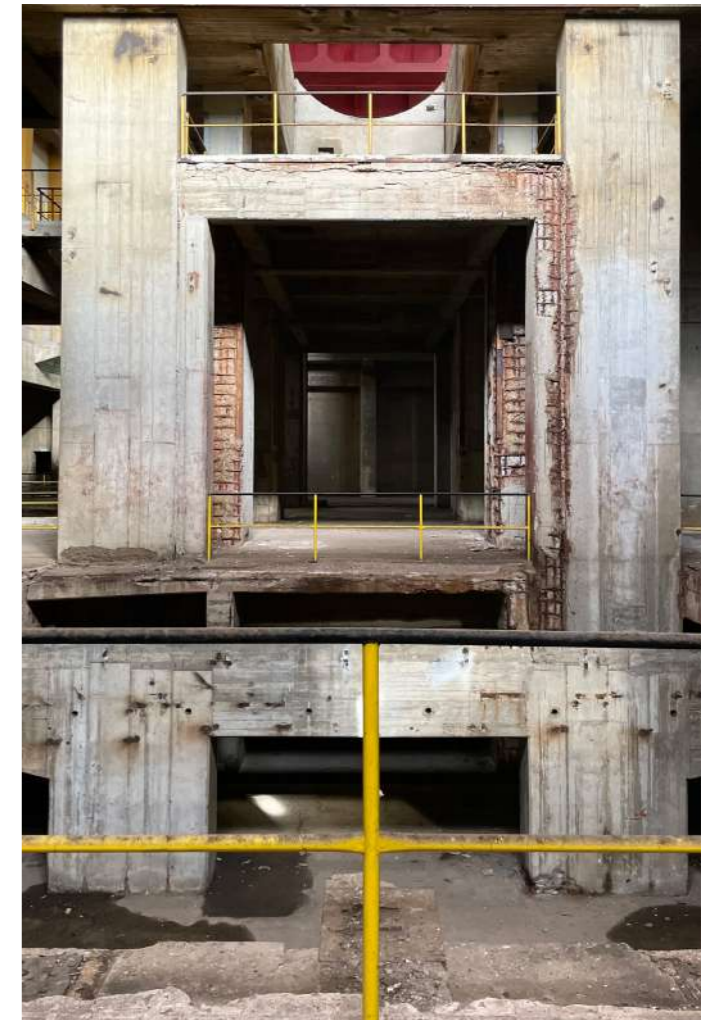
The adaptation project includes improving access and safety with new staircases and elevators, as well as reinforcing structural elements to ensure functionality. Floor openings have been covered to enhance usability, protective railings have been installed, and flooring has been reinforced. Additionally, natural ventilation is ensured through façade openings, and the building will be equipped with new electrical and water supply connections.



## LOCATION



GENERAL ELEVATION - SOUTH



Photographs of previous condition



Photographs by Albert Trepal