



## Metro de Madrid Headquarters and Transport Complex

Madrid, Spain, 2016-2022

Nexo + Gutiérrez-de-laFuente + Perea

### Architects. Design Studio

Nexo Arquitectura + Gutiérrez-de-laFuente Arquitectos + Andrés Perea Arquitecto  
Madrid, Spain

### Design Team. Collaborators

Pasquale Ludovico, María Herranz, Silvia Acera, José Antonio Arias, Teresa Castillo, Javier García, Flavio Martella, Eva Martínez, Marta Guedán, Ignacio Cimadevilla, Alejandro Estébanez, Laura Puchades, José M<sup>a</sup> Nuñez (concurso)

### Consultants

Carrión Arquitectura Técnica (Quantity Surveyor, Jorge Carrión), Batlle i Roig Arquitectes (Landscape), (Structure and MEP) Valladares Ingeniería, BAC Ingeniería, Aiguasol, Safecor (Safety Management), CPV-CEP Ibérica (Technical Risk Management), Three\_visual (3D visualization), MaqGil Maquetas, Gilberto Ruiz (Model)

### Environmental Certificate

VERDE - GBCe (Green Building Council)

### Contractors

Ferrovial Agromán / COMSA / ECISA-MURIAS

### Start and Completion Year

2016 (Competition), 2016-2022

### Gross Area

23 000 m<sup>2</sup>

### Sustainable Systems and materials

NZEB, natural resources, geothermia

### Photography

Fernando Alda

### Expert committee. Sust. Outstanding Qualities

The scientific committee summarizes main issues as: « near-zero energy consumption nZEB, 56 geothermal wells + 512 solar photovoltaic modules, garden roofs, central garden built from the existing structure of the garages, renaturalisation of the site's heritage. », and the following aspects from the report provided by the architects: « the key factors to reduce energy consumption are divided in between passive and active strategies. Passive strategies: reduce at maximum the energy demand by working with the form of the building; and active strategies: the implemented system and the heat, cooling and electricity production is based on boilers, heat-pump equipment with geothermia and air to water chillers. »

### Website studio and work (link)

<https://www.nexo-arquitectura.com/centro-integral-transportes>

IG @nexo\_arquitectura, @gutierrez\_delafuente