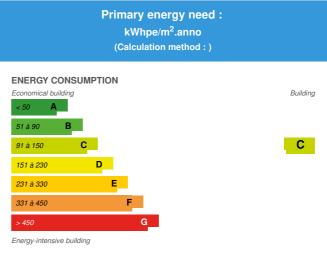


## **Zenale Building**

by Filippo Taidelli Architetto / ( 2017-05-31 15:49:51 / Italie / ⊚ 8999 / | IT





**Building Type**: Collective housing < 50m

Construction Year : 2012 Delivery year : 2012

Address 1 - street : 20123 MILANO, Italia

Climate zone: [Cfb] Marine Mild Winter, warm summer, no dry season.

Net Floor Area: 3 000 m<sup>2</sup>

Construction/refurbishment cost : 4 000 000 €

Number of Dwelling : 12 Dwelling

Cost/m2 : 1333.33 €/m<sup>2</sup>

#### Proposed by :



#### General information

The intervention involves the complete renovation of a 1901 building in the historic center of Milan. The building thatHas a "L" shape and overlooks an inner courtyard, spreads over five floors and houses flats, laboratories and new shops on the ground floor. On the outside as well as for the restoration of the existing façades, a new prospect faces the neighboring garden. At the center of this front is created a full-height recess that accommodates the loggia and creates the feeling of being faced with two distinct factory buildings: a brick tower with views of the park's openings and a classic facade that goes on camouflaging The street front. The formal result obtained allows the building to integrate harmoniously with architectural preesistence. The loggias, which are born in the new cavity, are characterized by a steel parapet arranged for the placement of plants and flowers; On the top floor instead a terrace is created that highlights the gap between the two volumes. The intervention on the inner court is aimed at ensuring visual continuity between the road and the inner park thanks to the large glazed openings that bring air and natural light even in the underground spaces of the building. In the building a new enclosure insulation and modern plant solutions such as a water heat pump and radiant floors have been set up to provide maximum thermal comfort for users with minimal energy consumption.

• CUSTOMER

DESIGN AND DL

Arch. Filippo Taidelli

PARTNER

Arch. Piero Castellini

• GENERAL CONTRACTOR

Coima Project S.r.l.

WOODEN WORKS

Ori & Bonetti

• INSTALLATIONS

Manens Intertecnica

• GEOTHERMAL

Ing. Stefano Sesana

• STRUCTURES

Enco Engineering ConsultingcalculationsStudio Three

SAFETY

Arch. Carmine Concas

• PHOTOGRAPHER

Andrea Martiradonna

• COLLABORATORS

Marta Brambilla, Josè Bove, Elisa Castelli, Roberto Leva, Francesco Nava, Franco Bucci, Claudia Brunelli, Vincenzo Cuozzo, Luigi Martinelli

## Data reliability

Self-declared

# Stakeholders

## Stakeholders

Function: Contractor Immobiliare Zenale S.r.L.

Corso Vittorio Emanuele 9 - 20122 Milano

Function: Designer

Filippo Taidelli Architetto - FTA

Filippo Taidelli - Via Ascanio Sforza 81/A - 20144 Milano

Function: Company

Coima S.r.L.

via Fatebenefratelli 9 - 20121 Milano

Function: Company

Ori & Bonetti

via Oglio 4 - 26030 Cicognolo (Cremona)

Function: Thermal consultancy agency

Manens Intertecnica S.r.L.

Via Campofiore 21 - 37129 Verona

Function: Structures calculist Enco Engineering Consulting S.r.L. Function: Others

Studio Dott. Geol. Stefano Sesana

S.S.dei Giovi 22 - 22070 Vertemate con Minoprio (CO)

## Contracting method

General Contractor

## Energy

## Renewables & systems

## **Systems**

#### Heating system :

- Geothermal heat pump
- Low temperature floor heating

#### Hot water system:

- Condensing gas boiler
- Heat pump

#### Cooling system:

Geothermal heat pump

#### Ventilation system:

o humidity sensitive Air Handling Unit (hygro A

## Renewable systems:

Heat pump (geothermal)

#### Costs

## Construction and exploitation costs

Cost of studies : 4 000 000 €

## Land plot area

Land plot area: 630,00 m<sup>2</sup>

## Built-up area

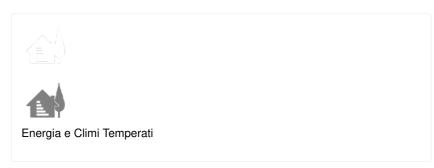
Built-up area : 74,00 %

## **Building Environnemental Quality**

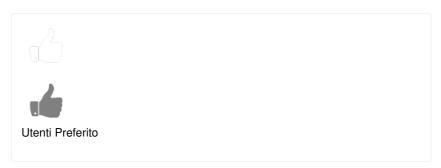
## **Building Environmental Quality**

• energy efficiency

## **Building candidate in the category**









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