

## DomusLigneas

by [vincenzo guzzo](#) / ⌚ 2018-06-05 11:02:44 / Italie / 👁 7173 / 🇮🇹 IT



New Construction

Primary energy need :

**11** kWhpe/m<sup>2</sup>.anno

(Calculation method : )

### ENERGY CONSUMPTION

Economical building

Building

< 50 **A**

51 à 90 **B**

91 à 150 **C**

151 à 230 **D**

231 à 330 **E**

331 à 450 **F**

> 450 **G**

Energy-intensive building

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

**Construction Year** : 2017

**Delivery year** : 2017

**Address 1 - street** : via Martiri Palestinesi 20092 CINISELLO BALSAMO, Italia

**Climate zone** : [Csa] Interior Mediterranean - Mild with dry, hot summer.

**Net Floor Area** : 1 200 m<sup>2</sup>

**Construction/refurbishment cost** : 2 500 000 €

**Cost/m<sup>2</sup>** : 2083.33 €/m<sup>2</sup>

## General information

Intervention of social housing contracted in XLAM

## Data reliability

Self-declared

## Stakeholders

### Contractor

**Name** : Galimberti s.r.l.

**Contact** : via dell'Industria Paderno Dugnano (MI)

### Construction Manager

**Name** : vincenzo guzzo

**Contact** : via Carducci, 14 Cinisello Balsamo

<http://www.studioguzzopartners.com/>

### Stakeholders

**Function** : Designer

vincenzo guzzo

via Carducci, 14 Cinisello Balsamo

<http://www.studioguzzopartners.com/>

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**Function** : Structures calculist

Bernasconi Andrea

Borlini & Zanini SA Via al Molino Scaiolo 6915 Pambio Noranco

## Contracting method

Build and sell construction

## Owner approach of sustainability

Excellent balance between architectural quality / costs / obtaining the result.

## Architectural description

Ecosustainable building entirely realized with supporting structure in XLAM.

### Energy

## Energy consumption

Primary energy need : 11,00 kWhpe/m<sup>2</sup>.anno

Primary energy need for standard building : 29,00 kWhpe/m<sup>2</sup>.anno

Calculation method :

### Renewables & systems

## Systems

Heating system :

- Urban network

Hot water system :

- Urban network

Cooling system :

- Reversible heat pump

Ventilation system :

- Double flow heat exchanger

- Renewable systems :
- Solar photovoltaic

## Products

### Product

XLAM

Stora Enso

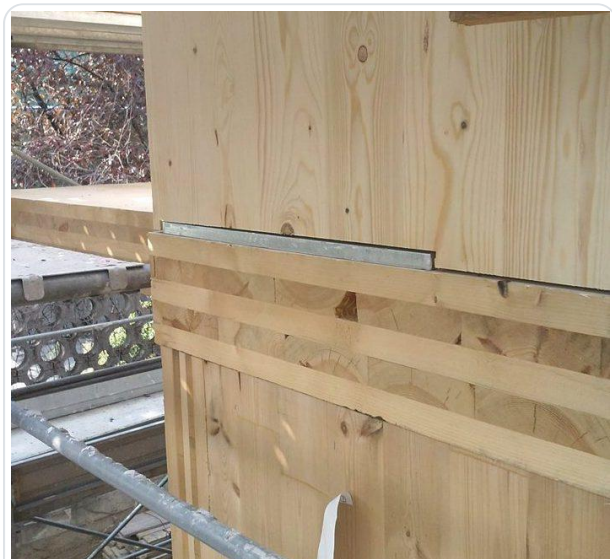
World Trade Center, Klarabergsviadukten  
70, C4 P.O. Box 70395 SE-107 24  
Stockholm, Sweden

<http://www.storaenso.com>

Product category :

Construction system in laminated wood

excellent



## Costs

### Construction and exploitation costs

Total cost of the building : 2 500 000 €

### Urban environment

Excellent inclusion in the existing context.

### Land plot area

Land plot area : 2 000,00 m<sup>2</sup>

## Built-up area

Built-up area : 1 200,00 %

## Parking spaces

26

### Building Environnemental Quality

## Building Environmental Quality

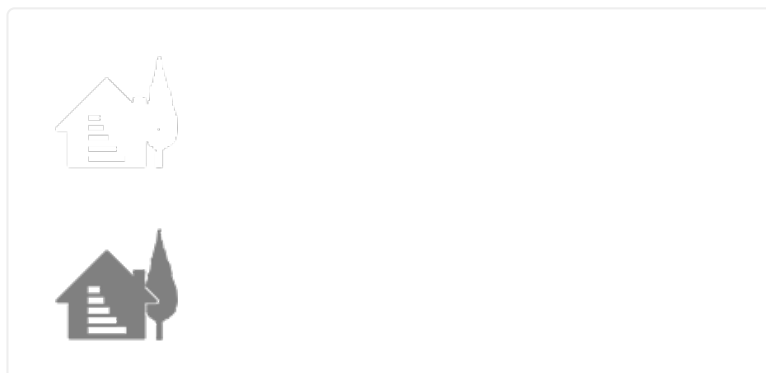
- Building flexibility
- indoor air quality and health
- consultation - cooperation
- acoustics
- comfort (visual, olfactive, thermal)
- energy efficiency
- renewable energies

### Contest

## Reasons for participating in the competition(s)

New conventioned residential building. Structure entirely in XLAM. Four floors above ground plus basement for use in garages and cellars.

## Building candidate in the category



## Energia e Climi Temperati



Bassa Emissione di Carbonio



Salute e Comfort



Utenti Preferito