



StoraEnso

# IC "Chini" - MEZZOCORONA

## Mezzocorona (TN), Italy

Partner of Stora  
Enso

The primary objective of this project was to create educational buildings with high environmental sustainability and a natural look and feel in an urban setting.

The result is a complex structure consisting of seven buildings organized according to a comb structure. There are 25 classrooms/laboratories, a library, an archive and an auditorium, a gym and a canteen.

To ensure the school's values were reflected in the building it was important to use high quality and environmental materials. This meant only class A +, "ARCA GOLD" certification and LEED SILVER level certification products were used. With the construction goal of very high energy performance, over 3 000 cubic meters of wood were used to build the structure between walls and floors. The Stora Enso CLT panels used were engineered from wood from sustainably managed forests.

The materials used for the finishes have a very low emissivity, with minimum Volatile Organic Components (VOC) values, in order to comply with the GEVE standard and the 2004/42 / EC directive. The use of these products has attractive aesthetic and tactile qualities, certainly an important theme as it is within the school environment.

The heat pump is powered by the photovoltaic system which has an electrical capacity capable of meeting almost all of the school's energy needs. In addition, the air system and radiant floor allow for seasonal switching, operating in both the summer and winter seasons.

### General

#### Delivery year

2019

#### Building type

Education

#### Area (m<sup>2</sup>)

15,000



Photo credit: Fabrizio Tait



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## Products

### Products and Services

Sylva™ CLT Floors and Roofs,  
Sylva™ CLT Walls

### Product quality

NVI

### Product volume (m<sup>3</sup>)

1,603



Photo credit: Fabrizio Tait

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## Team

### Partner of Stora Enso

MAK Building

### Architect

Welltech Engineering / Arch.  
Calo Baldo

### Main contractor

ALPENOS di STP srl

### Specialist Timber Subcontractor

ALPENOS di STP srl



Photo credit: Fabrizio Tait



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