



StoraEnso

# Barbiano Kindergarten

## Barbiano, Italy

Partner of Stora  
Enso

Located in the heart of Barbiano, this new educational complex will host a kindergarten, nursery, and outdoor play area. Initiated in 2023 and scheduled to open in September 2025, the project aims to provide modern, functional, and sustainable spaces for children, families, and educators.

The building spans a reinforced concrete basement and two timber floors, covering approximately 810 m<sup>2</sup>, with an additional 500 m<sup>2</sup> of outdoor space. A 30-meter bridge links the school to the new tourist office, creating functional continuity between public spaces.

Constructed using a combination of reinforced concrete, CLT panels (370 m<sup>3</sup>, 140–400 mm thick), glulam beams (21 m<sup>3</sup>), and steel elements (approx. 30,000 kg), the structure balances stability, lightness, and efficiency. The intermediate floor uses 240 mm CLT panels, while the flat roof features 400 mm panels with a 9.8 m clear span. Facades are clad in durable, color-treated larch (1,900 m<sup>2</sup>), harmonizing with the surrounding landscape. High-performance insulation, triple-glazed windows, and low-energy systems ensure energy efficiency and a minimal environmental impact. Prefabrication and precise site logistics enabled safe, efficient assembly despite limited access.



Wood Architecture Prize 2026



### General

**Delivery year**

**Building type**

Photo credit: ALPENOS di STP Srl



StoraEnso

2025	Education
<b>Area (m<sup>2</sup>)</b>	<b>Storeys</b>
810	3

## Products

<b>Products and Services</b>	<b>Product volume (m<sup>3</sup>)</b>
CLT, GLT, <i>Sylva™</i> CLT Floors and Roofs, <i>Sylva™</i> GLT Beams and Columns	278
<b>Product delivery duration (weeks)</b>	<b>Number of deliveries</b>
6	8



Photo credit: ALPENOS di STP srl



Photo credit: ALPENOS di STP srl

## Team

<b>Partner of Stora Enso</b>	<b>Developer</b>
MAK Building	Comune di Barbiano (BZ)
<b>Architect</b>	<b>Structural Engineer</b>
Roland Baldi Architects	Bauburo – engineers association
<b>MEP Designer</b>	<b>Specialist Timber Subcontractor</b>
Energytech	ALPENOS di STP srl
<b>Timber Engineer</b>	
ALPENOS di STP srl	



StoraEnso

---

## Others

**Construction duration  
(months)**

24