



StoraEnso

Partner of Stora
Enso

Calle Descalzos 33–35

Pamplona, Spain



Madergia and Diaz Garcia Construction make building in a tight infill look effortless with their ingenious application of modern, sustainable cross-laminated timber (CLT).

With Architech's Óscar Mongay (OM ARQ) design, they have entirely transformed any notions you ever had of social housing into seven sustainable sanctuaries in the heart of Pamplona.

The location was particularly challenging to access on a narrow, medieval, busy street. Specifying a building material that could be fast to install, lightweight to assemble with a small crane, and kept construction noise/traffic to a minimum was critical.

The project had to meet international Passive House standards and be **nearly zero energy** in construction and long-term operations – a requirement by the developers, Pamplona Centro Histórico, who, like most municipalities, are dogged about ensuring their once-in-a-generation developments are healthy and sustainable. **Sylva™ by Stora Enso** offsite-manufactured kit of parts ticked all of those boxes and delivered impressive results.

The **100% PEFC**-exposed wood homes range from 41 to 89 m². The ground floor is a commercial premises and shares access to the vertical central core (elevator and stairs), providing air-tight, low-cost to maintain social housing for many years.

General

Delivery year

2021

Building type

Multi Residential

Area (m²)

755

Storeys

4

Units

7



Photo credit: ©Madergia



StoraEnso

Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Walls

Product quality

100 % PEFC Certified, Grade
(INV, VI) precoated and
preinstalled with lifting slings
(618)

Product volume (m³)

271

Team

Partner of Stora Enso

Madergia

Developer

Pamplona Centro Histórico
(PCH)
Iruña Biziberritzen s.a.

Architect

Descalzos Óscar Mongay (OM
ARQ)

Main contractor

José Díaz García, S.A.

Others

Construction cost (€)

1,298,000