



StoraEnso

Wood Hotel, Bodø

Rønvikfjellet, Norway

The five-star hotel and apartment complex in Bodø, located within the Arctic Circle, is a remarkable example of sustainable and innovative architecture. This project, which played a significant role during Bodø's tenure as the European Capital of Culture in 2024, showcases the effective use of prefabricated Sylva™ materials to overcome environmental challenges.

Overcoming Construction Challenges with Prefabricated Sylva™

Rønvikfjellet, located directly on the coast, presents significant construction challenges due to high winds and its remote hilltop location. These factors complicate crane usage and site access. However, the use of lightweight prefabricated [Sylva™ CLT elements](#) successfully mitigated these issues. The [Sylva360™](#) digital tool further streamlined the installation process, ensuring efficiency and precision.

Sustainable Design and Reduced Carbon Footprint

The hotel and apartment complex was made using Sylva™ CLT elements, resulting in a lower carbon footprint compared to traditional steel and concrete construction. This sustainable approach is complemented by a collaboration with Bodø Energi, which enables the hotel to generate its own energy through rooftop solar panels.

Visual Insight into the Construction Process

[Watch short video on the construction process](#)



Grand Travel Award Best Hotel Norway nomination

General

Delivery year

2023

Building type

Hotel

Area (m²)

10,000

Storeys

8

Units

147



Photo credit: 3DEstate/AB Invest



Photo credit: 3DEstate/AB Invest

Products

Products and Services

Sylva™ CLT Floors and Roofs,
Sylva™ CLT Stairs

Product quality

NVI, VI

Product volume (m³)

2,625





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Photo credit: Sweco

Team

Developer

Operated by Strawberry Hotels
AB Invest AS
Rønvikfjellet Invest

Architect

KB Architects

Main contractor

HENT AS

Specialist Timber Subcontractor

Rothoblaas srl
Woodplan GmbH

Timber Engineer

HASSLACHER NORICA TIMBER
Sweco



Photo credit: Sweco



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