



Partner of Stora Enso

The World of Volvo

Gothenburg, Sweden



Welcome to the World of Volvo! An inspirational interactive space designed for exhibitions, talks, performances, workshops, entertainment, and dining in the heart of Gothenburg, Sweden. The existing Volvo museum in Arendal will also be reconfigured and become part of the facility when they open their doors in 2024.

The five-story, 22 000 m³ space will be constructed in just two years, with doors set to open in early 2024.

Scandinavian architects Henning Larsen (Copenhagen Opera House) already has jaws dropping with their 16 m floor-to-ceiling glass walls and exposed wood on the grounds of Saab's old gearbox factory.

The biophilic design is inspired by the surrounding nature and is characterized by large sustainable glued-laminated (GLT/glulam) timber frames supplied by WiEHAG. Computer-controlled fabrication facilitated the curved GLT pieces to be cut with a high degree of precision. Rigidity and continuity in the structure are guaranteed with metal connectors that are not visible inside the wooden members. The floor slabs are constructed of Stora Enso's sustainable cross-laminated timber (CLT), inviting warmth as you enter the space.

The ambition is that the building emulates a giant tree growing out of rocks. 'Since it will be shaped like a tree, there's not a right angle anywhere, it's quite outstanding', says Thomas Thompson, Project Manager for the building construction.

Sustainability is a central factor for building the World of Volvo; not only is it built with sustainable CLT by Stora Enso and GLT by WiEHAG. The entire complex will be certified with both LEED Gold, based on the building's environmental impact. It will also be certified as WELL Gold, for the building's social sustainability because the World of Volvo is designed around the Swedish concept of allemansrätten principles. The fundamental right that all citizens share to nature: the right to roam freely on any land (public or private), showing consideration for nature and for others.

General

Delivery year
Under Construction

Building type
Commercial

Area (m²)
22000



Photo credit: WiEHAG/Christian Badenfelt



Products

Products
CLT

Product volume (m³)
2 578

Product quality
INV

Number of truck deliveries
52



Photo credit: World of Volvo

Team

Partner of Stora Enso
WIEHAG

Architect
Henning Larsen

MEP Designer
Ingenjörbyrån Andersson & Hultmark

Developer
AB Volvo

Structural Engineer
Optima Engineering

Main contractor
Billström Riemer Andersson (BRA Group)



Photo credit: WiEHAG/Christian Badenfelt

Others

Construction duration (months)
24



Photo credit: WiEHAG/Christian Badenfelt



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