

# Suomalais-venäläinen koulu (SVK) School

## Helsinki, Finland

One of the largest wooden schools has one of the smallest carbon footprints and some of the strongest health and well-being results for pupils. This case study reveals key findings leading to the sustainability success.

The design group for the urban school project was chosen via an architectural competition.

The proposals were assessed for their sustainability including creating a healthy indoor climate optimised for working and learning and for environmental impact, (air quality can have a developmental impact on young lungs and health with children spend on seven hours a day on average indoors). Costs were also a key consideration as they are for most schools.

The winning design had both an in-depth understanding of how students will use the building and demonstrated a thorough grasp of greenhouse gas emissions across all building phases, from material production to construction to the eventual deconstruction, which were fully considered and calculated during the planning and design of the school.

Read case study here: <https://www.storaenso.com/en/newsroom/news/2023/3/svk-school-finland>

DE: <https://www.storaenso.com/de-de/newsroom/news/2023/3/svk-school-finland>

FR: <https://www.storaenso.com/fr-fr/newsroom/news/2023/3/svk-school-finland>

### General

#### Delivery year

2021

#### Building type

Education

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

6500

#### Storeys

2



Photo credit: AFKS



## Products

### Products

Sylva™ CLT Floors and Roofs, Sylva™ LVL Beams and Columns

### Product quality

Sylva™ CLT Walls and Sylva LVL beams

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

1 000



Photo credit: Puurakentajat Group Oy



## Team

### Developer

Senaatti Kiinteistöt

### Architect

Arkkitehtitoimisto Frondelius + Keppo + Salmenperä Oy (AFKS)

### Structural Engineer

A-Insinöörit

### MEP Designer

Jaakko Keppo AFKS ARK

### Main contractor

SRV Rakennus Oy

### Specialist Timber

### Subcontractor

Puurakentajat Group Oy



Photo credit: Puurakentajat Group Oy



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