

# Bridging the Gap Between Construction and Forestry

Dr Mila Duncheva, Global Projects and UK Business Development Manager

## Alliance for Sustainable Building Products Webinar



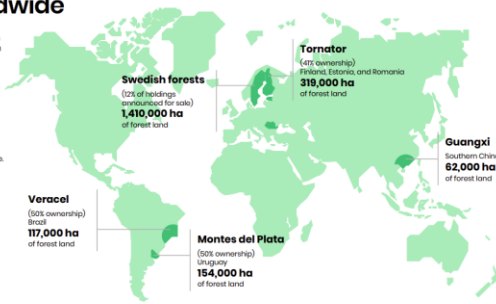
Annual Report – Investors | Stora Enso – see page 4

Annual Report – Investors | Stora Enso – see page 12

Stora Enso worldwide

Stora Enso operates globally and focuses on using renewable materials to create value in packaging, biomaterials, and wooden construction. Our customers include global companies such as packaging manufacturers, brand owners, retailers, industrial component manufacturers, and construction companies.

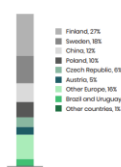
Stora Enso manages its own and leased forest land covering a total area of 23 million hectares worldwide.



Sales by destination



Employees by country\*



Europe

We are a leading European producer of packaging board, pulp, and wood-based products, with most of our sales and production located across eleven countries in Europe.

We primarily source our wood, our main raw material, from our own Northern European forests located near our production facilities. We also source wood from forest associates and private forest owners, ensuring strategic sourcing flexibility. In Central Europe, we source wood and recycled fiber for our production facilities through our own organization.

South America

We obtain high-quality pulp from eucalyptus plantations in South America. In Brazil, we have a 50/50 joint venture with Suzano, called Veracel. In Uruguay, we have a 50/50 joint venture with Arauco. Montes del Plata. Our share of the eucalyptus pulp produced is partly used in our production sites and partly sold as market pulp, primarily to Europe and Asia.

Asia

Our consumer board site in Guangxi, China, mainly serves the Asian markets with virgin fiber-based board. Our operations also include eucalyptus plantations that supply our production facilities in the region. In addition, we supply renewable packaging products to our customers in Asia through our global operations from production sites in Europe and South America.

Biodiversity in own forests

In our own forests in Sweden, we implement active biodiversity management in areas for wood production and set-aside areas. Own forest land provides us with a great platform to make sustainable choices, explore alternative forestry methods, and pilot best practices for biodiversity. [Long-term development of biodiversity](#) as well as [impact of harvesting](#) are monitored with biodiversity indicators.

Our biodiversity program – for increased biological diversity in Stora Enso's own forests

We are part of the solution and we are acting with ambition. Our Biodiversity Program for Stora Enso's own forest holdings in Sweden includes 20 concrete goals to enhance biodiversity by 2030.

This is not just a vision, it's a plan built on actions that makes a real difference. We're increasing the share of broadleaved trees, preserving and creating deadwood, restoring aquatic landscapes, and implementing targeted measures for species that need protection.

Each initiative is designed to strengthen nature's resilience and enrich forest ecosystems.



Active biodiversity management



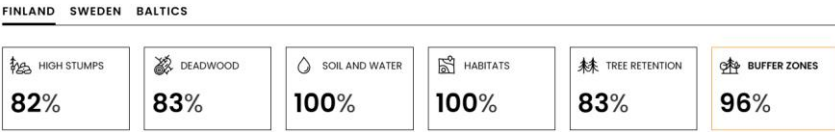
Waters



Broadleaved trees

Annual Report – Investors | Stora Enso – see page 13

Biodiversity management | Stora Enso – see Biodiversity in own forests & Biodiversity services for forest owners



Buffer zone preservation

Finland

96%

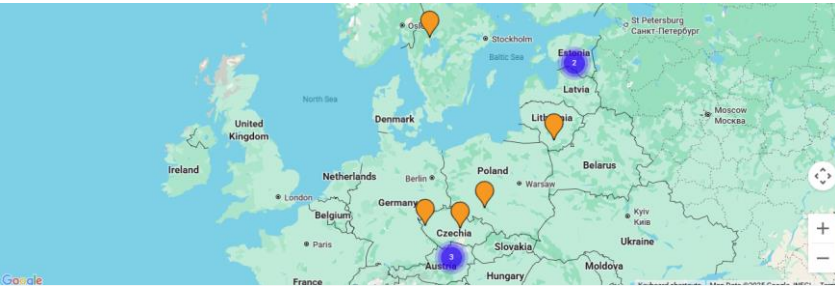
Riparian buffer zones are areas left around waters and wetlands to protect biodiversity around the water and sustain good water quality, as buffer zones protect the water from sediments and erosion.

In Finland, we leave riparian buffer zones that are at least 10 meters wide on average, with the minimum requirement of 5 meters everywhere. In 2024, this was realized on 96% of our sites where water bodies required a buffer zone. To improve, we put increased focus on buffer zone planning by developing the use of digital mapping tools as well as on training of personnel and contractors. In 2024, we also launched a new [water programme](#) in Finland, to be implemented during 2025.

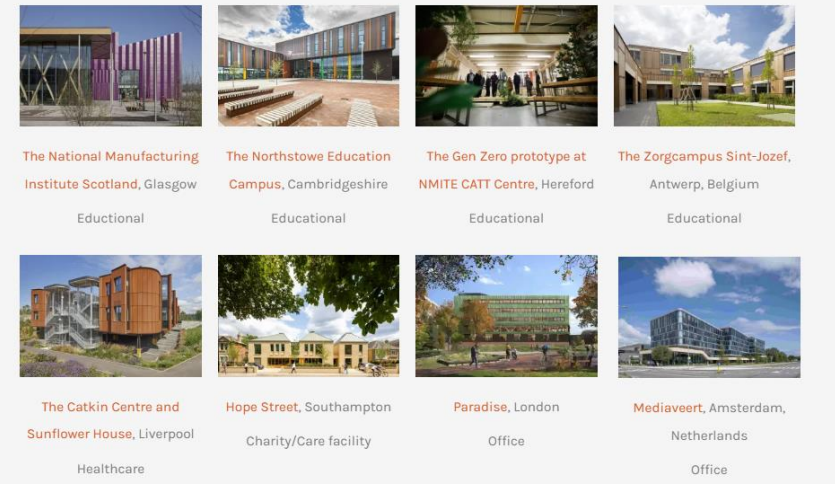


Indicators – Biodiversity | Stora Enso

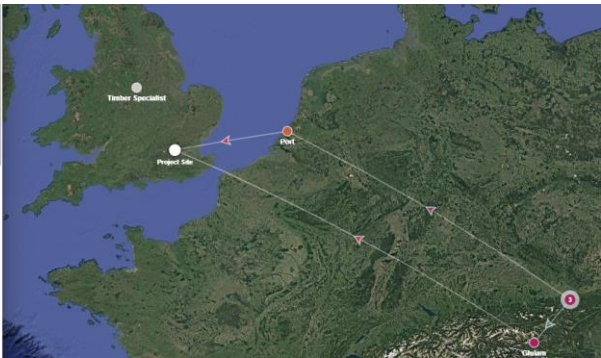
Sylva™ by Stora Enso – Mass timber construction | Stora Enso



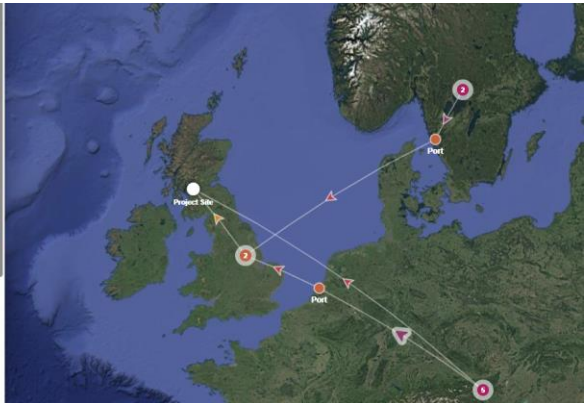
Stora Enso locations – About us | Stora Enso – select Product Area Wood Products – see Zdirec in Czechia, Ybss and Bad St Leonhard in Austria and Gruvon in Sweden



IMPACTT – The Alliance for Sustainable Building Products



Paradise on Sourcemap



The National Manufacturing Institute (NMIS) on Sourcemap

Filter concepts

Show all concepts

Industrial

Residential

Office

School

Filter by Sylva products

**Mixed use, flexible and adaptable - 7 storeys**  
Flexible beam and column structure that can adapt to different needs over time to prolong the service life of the building.  
**TPOLOGY**  
Residential, Office  
**PRODUCTS**  
CLT Walls, CLT Floors or Roofs, CLT Stairs, GLT Beams and Columns  

View

**Residential 8 storeys for highly industrialized construction**  
Mass timber internal structure optimized with a highly prefabricated timber frame envelope and self supporting balconies.  
**TPOLOGY**  
Residential  
**PRODUCTS**  
CLT Walls, CLT Floors or Roofs, CLT Stairs, GLT Beams and Columns  

View

**Office around central core - 18m wide**  
Massive central stabilizing core with beam and column flexible space around it. Narrow building width between 16 and 20 m.  
**TPOLOGY**  
Office  
**PRODUCTS**  
CLT Walls, CLT Rib Floors or Roofs, CLT Floors or Roofs, CLT Stairs, GLT Beams and Columns, LVL Beams and Columns  

View

**Office around central core - 22m wide**  
Massive central stabilizing core with beam and column flexible space around it. Wide working space, width over 20 m.  
**TPOLOGY**  
Office  
**PRODUCTS**  
CLT Walls, CLT Floors or Roofs, CLT Stairs, GLT Beams and Columns, LVL Beams and Columns  

View

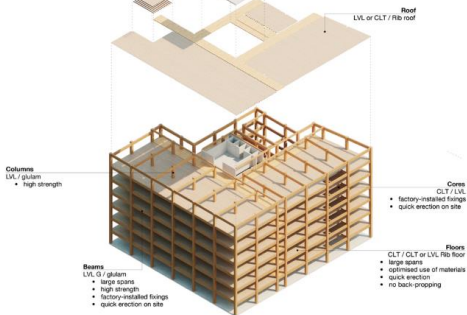
Building Concepts - Stora Enso



Office - 7 storeys

- Overview
- Sylva™ by Stora Enso
- Knowledge Hub
- Pre-dimensioning
- Cost study
- Life cycle analysis
- Download 3D model
- Project partners
- Reference library
- Share by email

Image 3D Model Technical drawings Details



StoraEnso

Menu Global map Partner Network Search

Office - 7 storeys - Building Concepts - Stora Enso

Paradise



Paradise

- London, UK, Map
- 2024
- Office

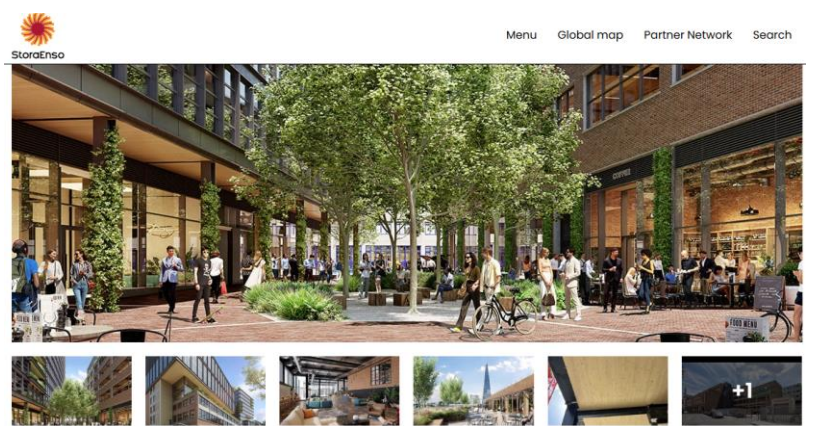
Partner of Stora Enso



Contact us

Download PDF

Version of this project



Timber Square

## Timber Square

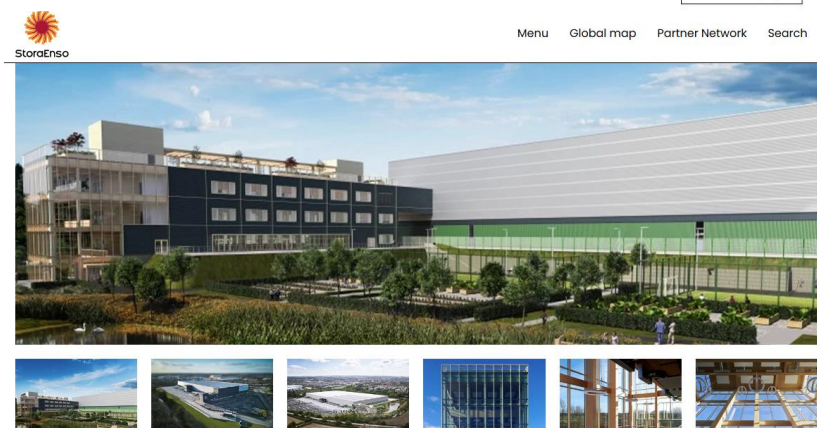
- Bankside, London, Map
- Under construction
- Office

Partner of Stora Enso



Contact us

Download PDF  
Version of this project



Baytree Nuneaton

## Baytree Nuneaton

- Nuneaton, UK, Map
- 2023
- Industrial

Partner of Stora Enso



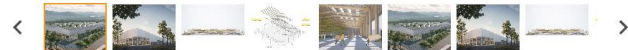
Contact us

Download PDF  
Version of this project

Beam and column 36 m

- Overview
- Sylva™ by Stora Enso
- Knowledge Hub
- Build-ups
- Embodied carbon
- Cost study
- Design assumptions
- Download 3D model
- Project partners
- Reference library
- Share by email

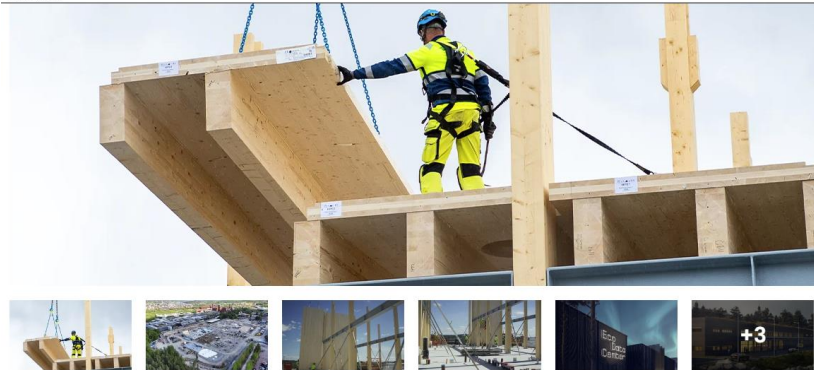
Images 3D Model Technical Drawings Details



Menu Global map Partner Network Search

Beam and column 36 m – Building Concepts – Stora Enso

EcoDataCenter



EcoDataCenter

- Falun, Sweden, Map
- Under construction
- Industrial

Partner of Stora Enso



Contact us

Download PDF  
Version of this project

Project listings

[Stora Enso Reference Library](#)

Search within page

Q

↓↑

Filter

Clear All

Building type

☐ 1-2 Family Dwellings

☐ Commercial

☐ Education

☐ Health

☐ Hotel

4 More

Products and Services

☐ Cladding and Decking

☐ CLT

☐ End Grain Sealer

☐ Fire-Resistant Lining

☐ GLT

24 More

Country

☐ Australia

☐ Austria

☐ Belgium

☐ China



Atlassian Central

📍 Sydney, Australia

Building type

Office

Area (m²)

75 000

Product volume (m³)

7 200

Delivery year

2025



EcoDataCenter

📍 Falun, Sweden

Building type

Industrial

Area (m²)

6 000

Product volume (m³)

14 000

Delivery year

2025



Neutral 1005 N Edison Street

📍 Milwaukee WI, United States

Building type

Multi Residential

Area (m²)

46 798

Product volume (m³)

5 047

Delivery year

2025

[Search for contacts](#)

Mila Duncheva

Business Development Manager, Building Solutions  
Wood products

[Contact details](#) ^

✉ [mila.duncheva@storaenso.com](mailto:mila.duncheva@storaenso.com)

☎ [+447821640868](tel:+447821640868)

☎ [+447821640868](tel:+447821640868)

🌐 United Kingdom, Ireland, Isle of Man

[mila.duncheva@storaenso.com](mailto:mila.duncheva@storaenso.com)

[+447821640868](tel:+447821640868)