

Accelerating sustainable construction - Excursion to Sweden and Denmark

DAY 1: Wednesday, 11 March 2026, 10:45-18:00 – Lund & Malmö

10.45 Meet the group at Lund University (Klas Anshelms väg 14, V-huset, Lund)

Sustainable construction and circular building solutions at Lund University

- Lund University explores how bio-based materials can advance low-carbon building in both modern and historic contexts. **Presentation by Paulien Strandberg, Senior lecturer, Lund University**
- Brukspecialisten presents durable, circular masonry innovations developed through strong material expertise and industry collaboration. **Presentation by Johan Jönsson, Development Manager, Brukspecialisten**

Group transport by bus

Lunch (at own cost)

Visit to Ekolution's production plant

- Participants have the opportunity to explore Ekolution's production facility and learn how the company drives circular, low-carbon construction with its high-performance hemp-based insulation solutions. **Presentation by Naib Woldemariam, Co-Founder & CTO Ekolution**

Group transport by bus

Visit to a 12-story CLT & straw-element apartment building – ETC Bygg & EcoCocon

- Participants will explore a pioneering 12-story apartment building constructed with prefabricated straw-and-wood elements. The visit highlights how ETC Bygg advances climate-positive, community-oriented housing by combining low-carbon construction with renewable energy and innovative energy-sharing models. **Presentation by Stefan Jonsson, Sales Manager, EcoCocon/ETC Bygg**

Approx 18.00 Travel together to Copenhagen by arranged group transport.

A group dinner (at own cost) will be organised.

DAY 2: Thursday, 12 March 2026, 08:00–16:00 – Copenhagen**8.00 Meet the group at Hennig Larsen Architects (Vesterbrogade 76, København V)****Visit to award winning Hennig Larsen Architects**

- Hennig Larsen drives the future of sustainable architecture by uniting design excellence with climate-conscious, research-driven innovation across scales. **Host: Simon Ingvarsten, Design Director, Hennig Larsen**

Group transport by bus or public transport

Visit to Fælledby – a new green district in Amager Fælled

- Fælledby advances large-scale bio-based urban development by testing natural materials in real-life conditions and sharing insights with the wider industry. **Host: Lars Keller, Pioneer in straw building and Director EcoCocon Denmark**

Group transport by bus or by public transport

Visit to Marmormolen – timber structures in office development

- Marmormolen demonstrates how Copenhagen is transforming a former harbor into a climate-positive, low-carbon urban district that blends sustainable architecture, biodiversity and innovative public spaces. **Host: Simon Ingvarsten, Design Director, Hennig Larsen**

Lunch (at own cost)

Group transport by bus or public transport or public transport

Visit to Cobe Architects

- Cobe shapes sustainable, people-centered urban environments by transforming former industrial areas into vibrant, climate-responsive neighborhoods through innovative design and close collaboration with public and private partners. **Host: Santtu Hyvärinen, Architect & Project Manager**

Group transport by bus or public transport

Visit to Nordvest, Thoravej 29

- Thoravej 29 has undergone an extensive transformation from an old brick structure into a platform for new thinking. Architect Søren Pihlman adopted a radical reuse-first approach from the outset, an ethos that guided the entire renovation. The results include up to 88% lower CO₂ emissions compared to new construction, 95% material reuse, and 90% waste reduction. **Host: Santtu Hyvärinen, Architect & Project Manager**
- A Possible visit also to Mimers Plads if time allows. Circular design principles and material reuse shaped the development of this public space. Most elements are designed from construction waste and building debris already available in city depositories and recycling stations, demonstrating how urban design can integrate circularity at scale.

Approx. 16:00 Group transport by bus or public transport to the hotel. Travel time to the airport by public transport approx. 30-40 min, for those who want to catch the evening flight. A group dinner (at own cost) will be organized.

DAY 3: Friday, 13 March 2026, 08:30–10:00 – Copenhagen

Optional programme for those who will travel back to Finland on Friday

- Excursion summary and lessons learned at the hotel.
- Hotel Check-out and transfer to Airport by public transport (flight to Turku at 13:00)

For the excursion, contact persons:

Reeta Huhtinen, Business Turku, reeta.huhtinen@businesssturku.fi, mobile: + 358 40 0832488

Nea Metsänranta, City of Turku, Circular Tiedepuisto project, nea.metsanranta@turku.fi, mobile: +358 44 9073598

Anna Hallvar, University of Applied Sciences, Rakentaminen 2035 project, anna.hallvar@turkuamk.fi, mobile: +358 50 5985870

Cost of the excursion:

The trip is self-funded, and we estimate the total cost per participant to be around **1 000 €**, including travel cost and accommodation. Each participant is responsible for arranging their own travel tickets and accommodation. The goal is to form a group of approximately 20 participants. We aim to include companies interested in ecological and sustainable construction, public-sector representatives, and members of the academic community.

Binding registration for the excursion using the QR code below:

[Event registration form](#)



Additional Information about the trip, travel and accommodation and the companies and site visits.

Possible flights

* Traveling from Turku or Helsinki to Copenhagen by plane. By train from Copenhagen airport to Lund.

Tuesday evening 10.3.2026

Turku – Copenhagen

- o SAS at 16.05-16.25

Helsinki – Copenhagen

- o Finnair at 15.35-16.15
- o SAS at 16.05-16.25
- o Finnair at 17.50-18.35
- o SAS at 21.00-21.45

Wednesday morning 11.3.2026

Turku – Copenhagen

- o SAS at 7.00-9.15 (via ARL)

Helsinki – Copenhagen

- o SAS at 6.15-7.05
- o Finnair at 7.10-7.55

** Traveling from Denmark to Turku or Helsinki by plane.

Thursday evening 12.3.2026

Copenhagen - Turku

- o SAS at 19.00-23.40 (via ARL)

Copenhagen - Helsinki

- o Finnair 19.20-21.55

Friday 13.3.2026

Copenhagen - Turku

- o SAS at 13.00-15.25

Copenhagen - Helsinki

- o Finnair at 6.05-8.40
- o SAS at 8.00-10.40
- o Finnair at 8.25-11.00

- o SAS at 12.45-15.25
- o Finnair at 13.00-15.35

Traveling from Copenhagen Airport (CPH) to Lund in Sweden

Traveling from Copenhagen Airport (CPH) to Lund in Sweden by public transport typically takes around 35–40 minutes by train, which is by far the fastest and most convenient option. Sources indicate a travel time of approximately 35–37 minutes, or up to about 1 hour 13 minutes depending on the specific connection.

By train (fastest and recommended)

- Travel time: usually 35–40 minutes
- Departure: directly from the train station at Copenhagen Airport
- Arrival: Lund C (Lund Central Station)
- Frequency: Öresundståg trains run several times per hour

Travel possibilities by boat & train from Helsinki/Turku to Lund & from Copenhagen to Turku/Helsinki

Tuesday 10.3.2026

- o (Helsinki – Turku Satama by train at 5.28-7.39 or at 17.35-19.49)
- o Turku – Stockholm by Viking Glory at 8.45-18.55 & Stockholm – Lund by train at 23.17-6.45
- o Turku – Stockholm by Viking Glory at 8.45-18.55, hotel night in Stockholm & Stockholm – Lund by train 11.3.2026 at 6.20-10.40

Thursday 12.3.2026

- o Copenhagen – Stockholm by train at 16.59-22.36 (ticket price 108€), hotel night in Stockholm (120-180€), Stockholm – Turku 13.3.2026 by Viking Glory 7.45-19.50 (ticket price 35€)
- o (Turku Satama – Helsinki 13.3.2026 by train at 20.30-23.10)

Friday 13.3.2026

- o Copenhagen – Stockholm by train at 11.59-17.37 (ticket price 132€), Stockholm – Turku by Viking Glory at 20.00-7.35 by Viking Glory (ticket price 100€)
- o (Turku Satama – Helsinki by train 8.05-10.40)

Check prices and availability, as well as possible alternative schedules:

- o [Book, search & compare trains, buses, flights & ferries - Omio](#)
- o [Risteilyt ja reittimatkat Viking Linen Punaisilla laivoilla](#)
- o [Tallink Silja Line -laivamatkat Itämerellä](#)

Hotel recommendations

Lund: Elite Hotel Ideon Lund (approx.120€/night) or Motel Lund (approx.90€/night).

Copenhagen: Coming later

Additional information of the visits

Lund University

Lund University in Sweden is one of Europe's leading research institutions in sustainable construction and circular economy. The university brings together experts from engineering, architecture, environmental sciences, and social sciences to explore how the built environment can transition toward low-carbon, resource-efficient solutions.

Research at Lund focuses on developing new circular construction methods, evaluating the environmental impact of materials, and creating models for climate-neutral building systems. The work also examines how cities can reduce waste, extend the lifespan of buildings, and integrate bio-based and recycled materials without compromising performance or safety.

Lund University's approach combines scientific research, industry collaboration, and real-world testing, making it a key contributor to the Nordic transition toward more ecological and circular construction.

Our contact at Lund University is **Paulien Strandberg**, who works with research on sustainable construction practices and the systemic changes needed to accelerate the shift toward circularity in the building sector.

A presentation by Ekolution at Lund University and company visit at Malmö

Ekolution is a Malmö-based company specializing in innovative bio-based building materials, with a strong focus on hemp-based insulation and circular construction solutions. Their work aims to reduce the environmental footprint of buildings by replacing conventional materials with renewable, low-carbon alternatives.

The company develops and manufactures hemp-based insulation products that offer strong thermal performance, moisture regulation, and a significantly lower climate impact compared to traditional insulation. Ekolution also explores how bio-based materials can be integrated into modern construction processes and how circular principles can be applied throughout the building lifecycle.

Ekolution's approach combines material innovation, practical testing, and collaboration with developers, architects, and researchers. Their work contributes to a broader shift toward ecological and circular building solutions in the Nordic region.

Our contact at Ekolution is **Naib Woldemariam**, who works closely with partners and industry stakeholders to advance the use of bio-based materials in real projects and to support the transition toward more sustainable construction practices.

A presentation by Bruckspecialisten at Lund University

Brukspecialisten is a Swedish company specializing in high-quality masonry materials and solutions for sustainable construction. With a strong focus on durability, energy efficiency, and environmentally responsible building practices, the company supports both traditional craftsmanship and modern, low-carbon construction methods.

Their work includes developing and supplying mortar, plaster, and related masonry products that meet today's performance requirements while aligning with circular and ecological building principles.

Brukspecialisten also collaborates with researchers, architects, and contractors to test new material combinations and improve long-term building performance.

Brukspecialisten's approach combines material expertise, hands-on testing, and a commitment to reducing the environmental footprint of construction, making the company a valuable contributor to Sweden's transition toward more sustainable building practices.

Our contact for the visit is **Johan Jonsson**, who works closely with partners and clients to advance sustainable masonry solutions and share practical insights from ongoing projects.

A presentation by EcoCocon at Lund University

EcoCocon is an international company specializing in bio-based, low-carbon building systems made primarily from straw and wood. Their prefabricated wall elements are designed to deliver excellent thermal performance, healthy indoor environments, and a dramatically reduced climate footprint compared to conventional construction materials.

The company's approach is rooted in circularity: EcoCocon panels are made from renewable, non-toxic materials, are highly energy-efficient, and can be reused or safely returned to nature at the end of their lifecycle. The system enables fast, precise construction while supporting modern architectural design and long-term building durability.

EcoCocon collaborates widely with architects, engineers, and developers to advance large-scale adoption of bio-based construction. Their work demonstrates how natural materials can be integrated into contemporary building projects without compromising quality, performance, or design flexibility.

EcoCocon's combination of material innovation, circular design principles, and hands-on industry collaboration makes it a key contributor to the transition toward more sustainable and regenerative building practices.

For our visit, we will meet a true pioneer in straw building, director of EcoCocon Denmark **Lars Keller**, EcoCocon's local representative in Denmark, who will introduce the system and share practical insights from ongoing projects.

A presentation by ETC Bygg at Lund University and company visit at Hyllie

ETC Bygg is a Swedish construction company focused on developing climate-positive, socially responsible, and energy-efficient housing. The company is part of the broader ETC Group, known for its strong commitment to renewable energy, ecological solutions, and community-driven development.

ETC Bygg specializes in building multi-family housing using low-carbon materials, solar energy systems, and innovative energy-sharing models. Their projects aim to demonstrate how affordable, sustainable housing can be scaled while reducing dependence on fossil fuels and minimizing environmental impact.

The company works closely with architects, engineers, and local communities to test new construction methods, integrate renewable energy technologies, and create long-term, resilient building solutions. Their approach combines practical experimentation with a strong social mission: making sustainable living accessible to more people.

ETC Bygg's combination of ecological construction, renewable energy integration, and community-oriented development makes it a leading example of how the building sector can transition toward a more sustainable future.

Our contact for the visit is **Stefan Jonsson**, who will introduce ETC Bygg's work and share insights from their ongoing projects in Sweden. During our excursion, we will also visit ETC Hyllie, a climate-positive apartment

building in Malmö designed by Kaminsky Arkitektur — one of ETC Bygg's flagship projects showcasing low-carbon construction and renewable energy integration.

Henning Larsen architecture company visit, Copenhagen

Henning Larsen is one of Denmark's leading architecture firms, internationally recognized for its innovative, sustainable, and human-centered design. The studio works across architecture, urban planning, and landscape design, with a strong focus on creating resilient environments that support both people and the planet.

The firm is known for integrating climate-conscious strategies into every stage of design — from material choices and energy performance to biodiversity, circularity, and long-term adaptability. Their projects often serve as testbeds for new sustainable solutions, demonstrating how architecture can reduce environmental impact while enhancing quality of life.

Henning Larsen collaborates closely with engineers, researchers, and developers to push the boundaries of low-carbon and nature-based design. Their work spans public buildings, cultural institutions, housing, and large-scale urban developments across the Nordic region and beyond.

Henning Larsen's combination of design excellence, research-driven innovation, and environmental ambition makes the firm a key contributor to the future of sustainable architecture in Denmark and internationally.

During our visit, we will be welcomed by **Simon Ingvartsen**, who will introduce the firm's approach to sustainable architecture and share insights from current projects, including their work with bio-based materials and climate-positive urban development.

Site visit Fælledby, Copenhagen

Fælledby is a pioneering urban development project in Copenhagen, selected for Realdania's "Roads to Bio-based Construction" initiative. The project explores how bio-based materials—such as wood, straw, grass, and hemp—can be used at scale to reduce climate impact and support more circular construction practices.

As a testbed for innovation, Fælledby works with partners to document climate effects, study material durability, and share findings with the wider industry. A key focus is a new row-house development where several bio-based materials will be tested in real-life conditions.

The goal is to help move bio-based construction from pilot projects to mainstream practice, showing that natural materials can be integrated into modern urban development without compromising quality or long-term performance. During our excursion, we will explore key sites on Fælledby.

Site visits Marmormøllen, Copenhagen

Marmormøllen is a major waterfront development area in Copenhagen's Nordhavn district, showcasing Denmark's ambitions for climate-conscious urban design and large-scale sustainable construction. The area transforms a former industrial harbor into a vibrant, mixed-use neighborhood that combines housing, workplaces, public spaces, and innovative green solutions.

The development emphasizes low-carbon building materials, energy-efficient design, and strong connections to the surrounding blue-green landscape. Several landmark projects on Marmormolen demonstrate how modern architecture can integrate biodiversity, renewable energy systems, and circular construction principles.

Marmormolen also serves as a testbed for new urban mobility concepts, climate-adapted landscapes, and high-quality public waterfront spaces. The district is part of the broader Nordhavn masterplan, one of Europe's largest sustainable urban development initiatives.

During our excursion, we will explore key sites on Marmormolen and gain insight into how Copenhagen is shaping future-oriented, climate-positive urban districts.

Cobe architecture company visit, Copenhagen

Cobe is a Copenhagen-based architecture and urban design studio known for its bold, people-centered approach to creating sustainable cities. The firm works across architecture, landscape, and large-scale urban development, with a strong focus on livability, community, and long-term environmental responsibility.

Cobe's projects often transform former industrial areas into vibrant, inclusive neighborhoods, combining innovative design with practical climate solutions. Their work emphasizes high-quality public spaces, resilient materials, and urban environments that encourage social interaction and sustainable mobility.

The studio collaborates closely with municipalities, developers, and international partners, making Cobe a key contributor to Copenhagen's reputation as a global leader in sustainable urban design.

During our visit, we will be hosted by **Santtu Hyvärinen**, who will introduce Cobe's design philosophy and share insights from current projects shaping the future of Copenhagen.

Site visits on Nordvest, Copenhagen

Thoravej 29: Thoravej 29 has undergone an extensive transformation: from an old brick structure into a platform for new thinking. Architect Søren Pihlman took a radical approach to reuse from the very beginning, an ethos that has permeated the entire renovation. The result: CO2 emissions reduced by up to 88% compared to new construction, 95% of materials reused, and 90% of all waste minimized.

Mimers plads: "Circular design principles and reuse of materials informed the design – most of the elements composing the public space are designed to reuse construction waste and building debris already available and stocked in depositories and recycling stations in the city."