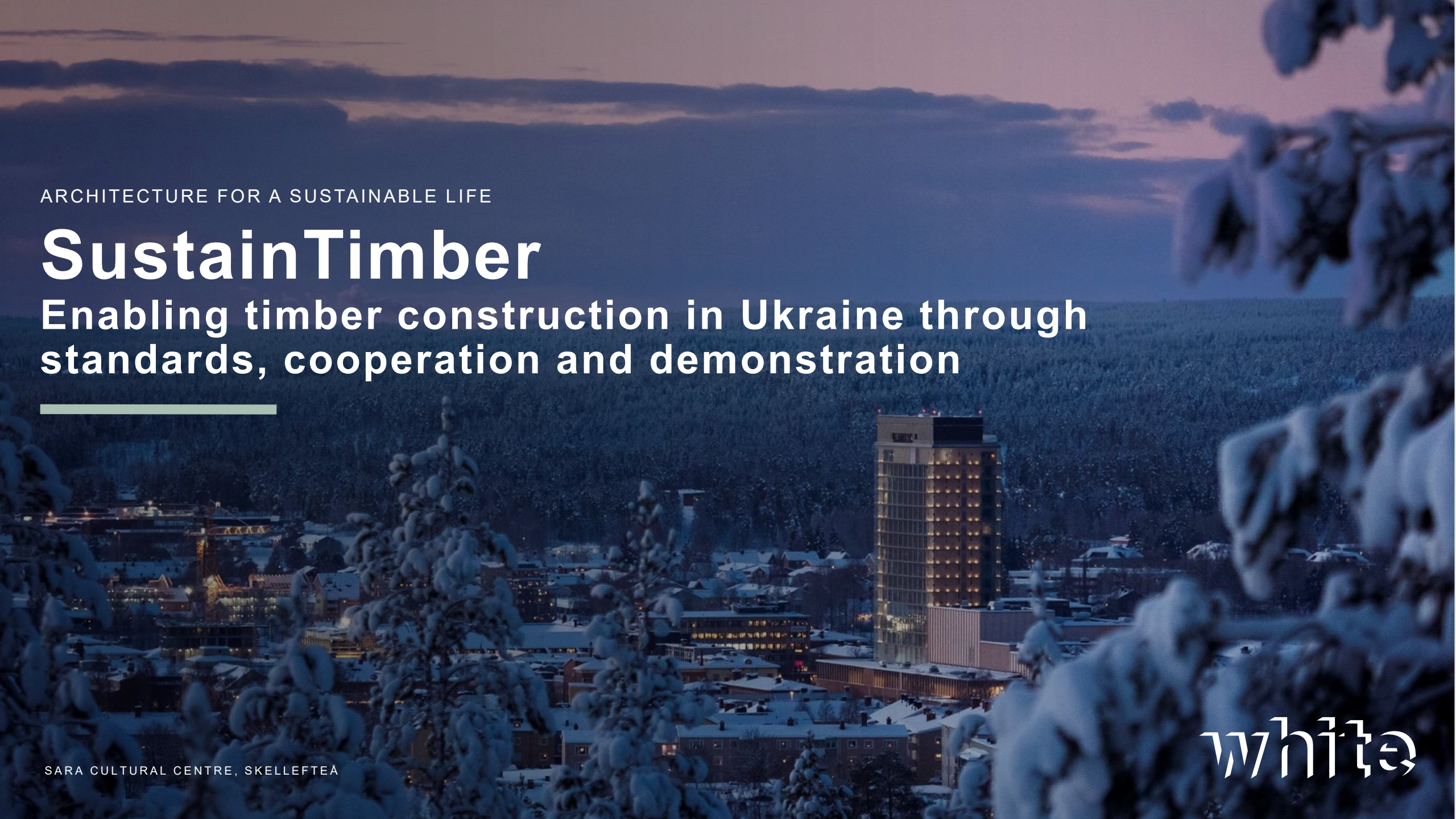
ARCHITECTURE FOR A SUSTAINABLE LIFE

SustainTimber

Enabling timber construction in Ukraine through standards, cooperation and demonstration



SARA CULTURAL CENTRE, SKELLEFTEÅ

white



Our vision is that by 2030 all our architecture will be regenerative and climate neutral through design excellence

KASTRUP SEA BATH, DENMARK

white



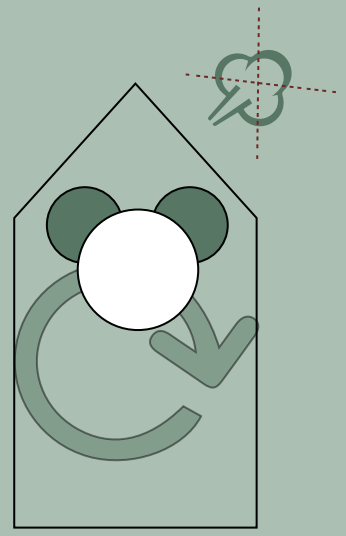
The buildings and construction sector is by far the largest emitter of greenhouse gases, accounting for 37% of global emissions.

The production and use of materials such as cement, steel, and aluminium have a significant carbon footprint.

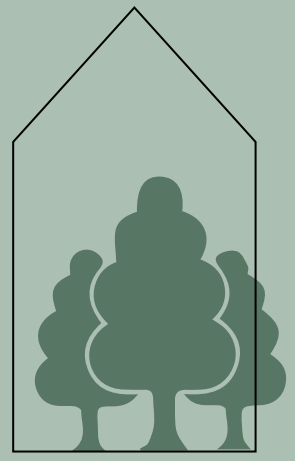
Source – UN Environment Programme

WHY BUILD IN TIMBER?

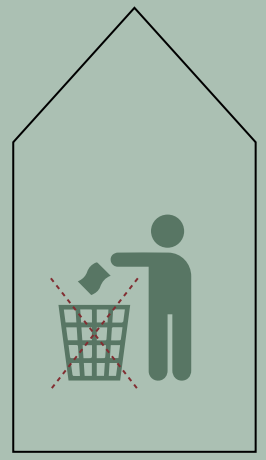
ENVIRONMENTAL ADVANTAGES



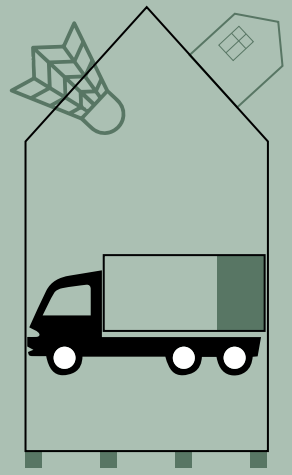
CO2-NEUTRAL



RENEWABLE



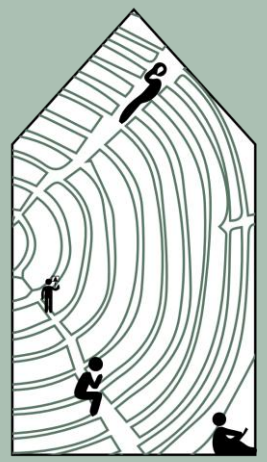
NO WASTE



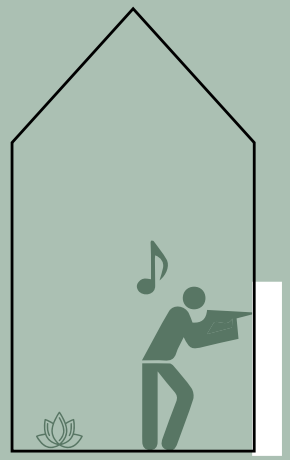
LIGHTWEIGHT

WHY BUILD IN TIMBER?

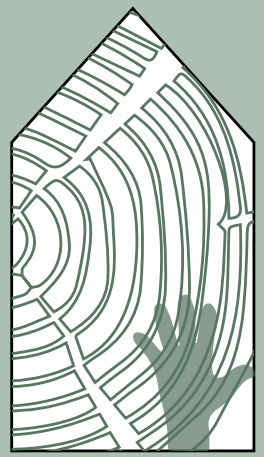
HUMAN ASPECTS



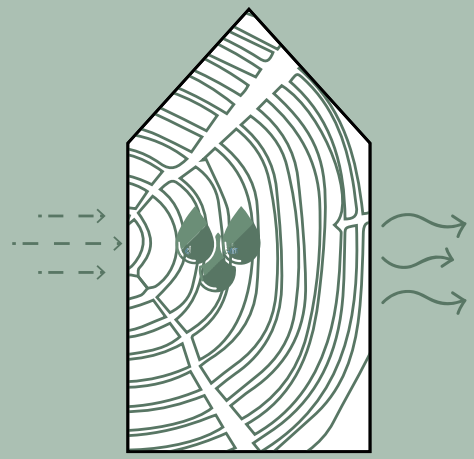
PSYCHOLOGICAL EFFECTS



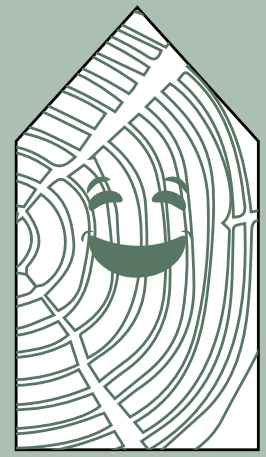
QUIET & CLEAN CONSTRUCTION SITE



WARM MATERIAL



THERMAL QUALITIES



HEALTHY MATERIAL

LVIV – TRADITION AND INNOVATION IN TIMBER



UNBROKEN Rehabilitation Center, Lviv, Architects: ABMK, Photo: CLT Rezult



Nezlamni Surgical Rehabilitation Center, Shigeru Ban and ABMK

UNBROKEN PROSTHETIC AND ORTHOTIC CENTER



Architects DELTA

SustainTimber

In order to support a sustainable rebuilding of Ukraine, the project aims to **build capacity in sustainable timber architecture** and **align with European regulations and integration goals.**

UNBROKEN Rehabilitation Center, Lviv, Architects: ABMK, Photo: CLT Rezult

Funded by Swedish Institute

Lviv city council

sis Svenska Institutet för Standarder

zmist studiozmist.com

white

Learnings

01
Standards & regulation
Aligning technical requirements with European standards and Ukrainian regulations

02
Testing & certification
Fire safety, product testing and conformity assessment to build confidence

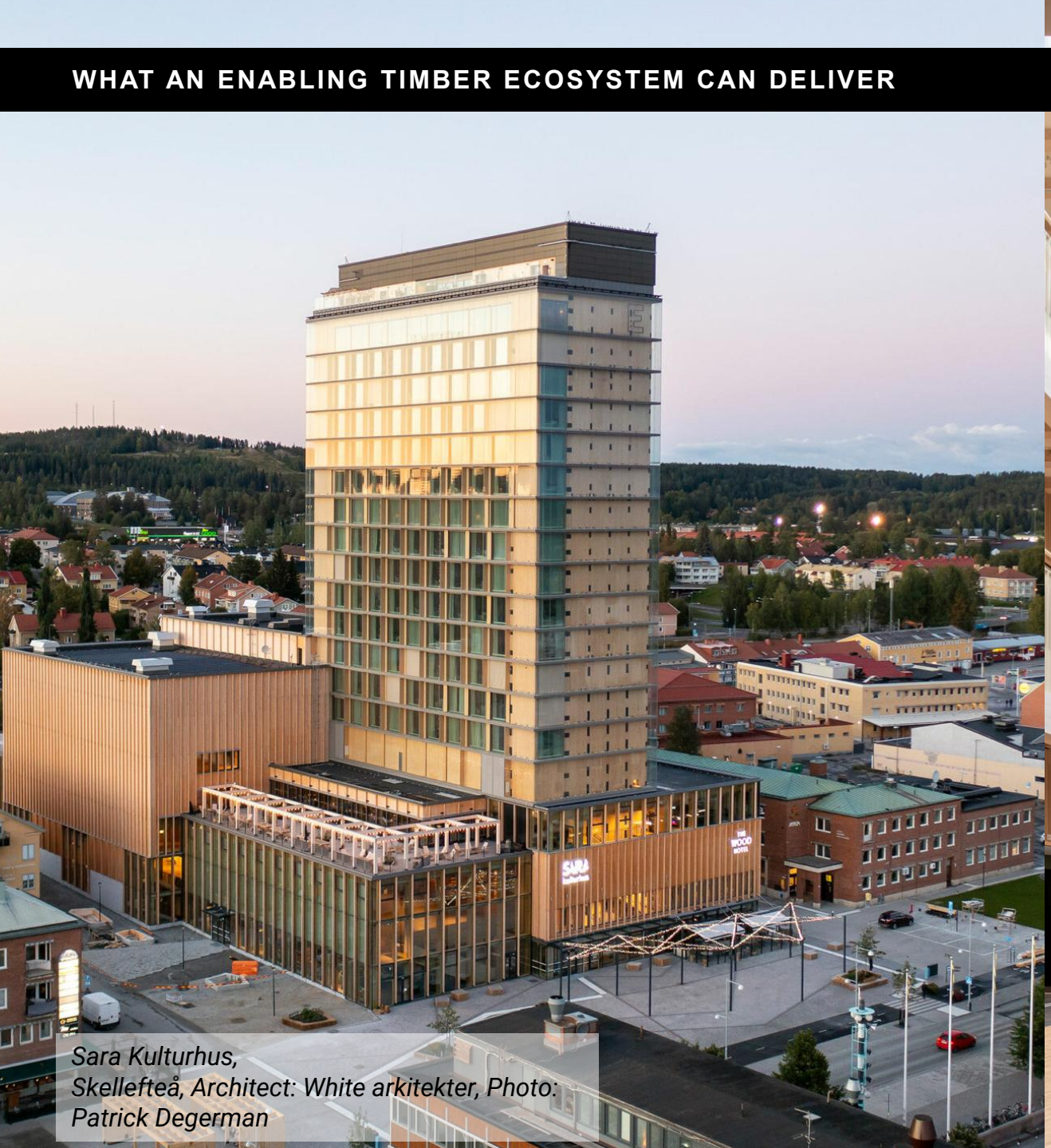
03
Knowledge & skills
Practical competence across design, engineering, construction and public authorities

04
Procurement & implementation
Enabling municipalities and industry to specify & deliver timber projects

Demonstration and shared learning
Turning regulatory frameworks and technical knowledge into buildable solutions



WHAT AN ENABLING TIMBER ECOSYSTEM CAN DELIVER



Sara Kulturhus, Skellefteå, Architect: White arkitekter, Photo: Patrick Degerman



Westerlundska Gymnasium, Enköping, Architect: White arkitekter, Photo: Anders Bobert

A REAL-LIFE DEMONSTRATOR - SUSTAINTIMBER SCHOOL

A new municipal timber school conceived as both a place of learning and a community anchor within the UNBROKEN ecosystem.



WESTERLUNDSKA GYMNASIET, ENKÖPING

SustainTimber: Stage 2

From Standards to Innovation: *Strengthening Ukraine's Sustainable Construction Ecosystem*

Design
Standards
Fire safety
Testing & certification
Public procurement
Digitalisation/BIM
Local industry

Westerlundska Gymnasium, Enköping, Architect: White arkitekter, Photo: Anders Bobert

Funded by Swedish Institute
Lviv city council
sis Svenska Institutet för Standarder
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UA-SE Collaboration

Knowledge exchange and joint learning Ukraine-Sweden

Swedish-Ukrainian project network

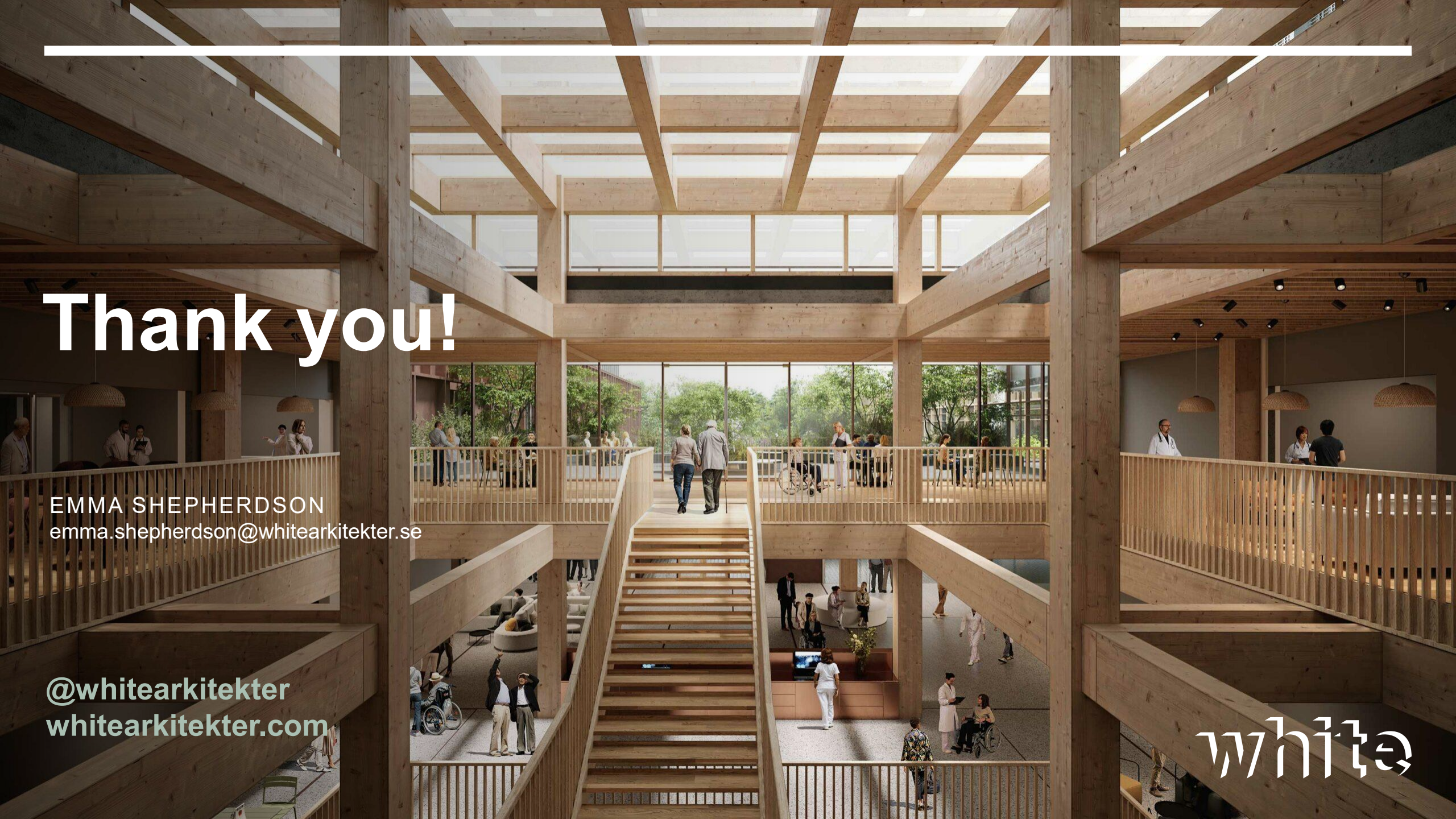
International outreach

Delegations and visits









Thank you!

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whitearkitekter.com

white