

5TH

11

October

2023

**NORDIC
CONFERENCE
ON
SUSTAINABLE
HEALTHCARE**

www.nordicshc.org



Malmö Arena
Sweden



Malmö Arena Hotel
Hyllie Boulevard 12
215 32 Malmö

Are you new to the city of Malmö?

“Malmö today is a natural hub for people and cultures from worldwide.

The city's inhabitants come from around 180 countries. This diversity is one of Malmö's key assets and creates the basis for a rich cultural life. It also equips Malmö to perform well in an ever-more globalised world.”

Source: Malmö stad, 'The story of Malmö'

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THE CONFERENCE

The 5th Nordic Conference on Sustainable Healthcare is a one-day conference organised by NCSH at Malmö Arena, with side events happening the day before and after.



The conference is gathering frontrunners from across Europe in the up-and-coming industry and ecosystem of sustainable healthcare: Hospitals, the public sector, companies, clusters, regions, public procurers, trade organisations, NGOs, universities and more. We will come together to meet and build practical collaboration around green and resilient healthcare systems.



Nordic Center for Sustainable Healthcare (NCSH) is a cross-sectoral network boosting sustainable healthcare on the global arena, the Nordic way. Our platform enables multistakeholder partnerships and innovative match-making.

Do you want to join us on the journey to more sustainable healthcare?
See our unique new member deal for conference participants on page 18!



Dr. Iris Blom

Commissioner,
Lancet Commission on
Sustainable Healthcare
PhD Candidate,
London School of Hygiene
& Tropical Medicine

“Critical Trust: Urgency and Unity for Healthcare Transformation”



Carolina Pettersson

Director of Sustainability,
Region Stockholm

“How to Reach the Vision of Sustainable Healthcare”

KEYNOTE SPEAKERS

PROGRAMME

11 October 2023



08.00 Arrivals: Morning coffee & Registration

09.00

PLENARY

Welcome & Opening

Stefan Hansson

Professor Obstetrics and Gynecology, Lund University
Chairman of the Board for NCSH (Stiftelsen TEM)

09.10

Key notes: A vision for the future of sustainable healthcare

Dr. Iris Blom

Commissioner, Lancet Commission on Sustainable Healthcare
PhD Candidate, London School of Hygiene & Tropical Medicine

Carolina Pettersson

Director of Sustainability, Region Stockholm

09.40

Expert panel

*Challenges and opportunities for sustainable healthcare in Europe and beyond.
What is the role of the Nordics? Which collaboration is key to progress?*

Moderator: Nima Jokilaakso, PhD

Stakeholder Relations and Regional Manager Finland, EIT Health Scandinavia

Dr. Iris Blom

Commissioner, Lancet Commission on Sustainable Healthcare
PhD Candidate, London School of Hygiene & Tropical Medicine

Carolina Pettersson

Director of Sustainability, Region Stockholm

Marte Lauvsnes

Manager Advisory and Early Phase Planning Department, Sykehusbygg

Dr. Björn Ursing

Sr Project manager Life Science & Health, The Netherlands Embassy in Sweden

10.00 Swedish fika (coffee break)

10.45 **Parallel Sessions 1**

NET-ZERO
HEALTHCARE

CIRCULAR
SOLUTIONS FOR
HEALTHCARE

SUPPORTING THE
REBUILDING OF
UKRAINE

NET-ZERO
HEALTHCARE

Net zero is one of the most ambitious goals and priorities when it comes to sustainable healthcare. Advancing the net zero objectives requires significant changes at management and investment levels, along with adjustments in infrastructure, facilities and technical solutions that contribute to reaching the objectives. This parallel session will focus on emissions from multiple scopes and includes the participation of different related stakeholders.

Moderator: Wendy Hugoosgift

Programme Director Europe, Task Force Health Care

Katherine Calder

Head of Partnerships and Policy Alignment – Greener NHS, NHS England

Emelie Antoni

Country President Nordic, AstraZeneca

Jonas Lundh

CEO, Medclair AB

Clare Atkinson

Founder and Director of Research & Development, NuGreen Ltd

CIRCULAR
SOLUTIONS FOR
HEALTHCARE

Circular solutions have gained importance for sustainability in the healthcare sector. Such products and services can be strategic for maximizing the use of available resources to reduce environmental impact. Here, circular solutions will be discussed as strategies to reduce negative climate effects of the sector all while strengthening its resilience.

Moderator: Hjalmar Bardh Olsson
Head of Sustainability (CSO), Hållbar Teknik

Maria Käll
Healthcare Development Manager Wound Care, OneMed

Frederik van Deurs
CEO, Green Innovation Group

Maartje E. Zonderland
PhD and CEO, Zonderland & Van Zeijl

Jennifer Waspe
Anesthesiologist, Sheffield Teaching Hospitals NHS Foundation Trust

**SUPPORTING THE
REBUILDING OF
UKRAINE**

The destruction of the healthcare sector in Ukraine represents a challenge which must be addressed collectively. At the end of June 2023, WHO reported 1,004 attacks on healthcare infrastructure, and the Rapid Damage and Needs Assessment made by Ukraine, the World Bank and the European Commission estimated the cost of health sector damage to be €15 billion.

Efforts to coordinate assistance and develop new collaboration models are increasing. This session includes perspectives from development actors whose cooperation is already in place, as well as opportunities for collaborating with neighbouring countries.

Moderator: Fredrik Enander
Associate Expert, Forever Sustainable and Ny Teknik

Monica Gullberg
Senior Policy Specialist Energy, INTEM/TEMA, Sida

Mikaela Annerling
Regional Director, Swecare Foundation

Olesya Struk
Senior Director Sustainability and Access to Care, Royal Philips

Marcin Kautsch
PhD, Healthcare Management Consultant

11.45

Lunch & Networking

12.45

Parallel Sessions 2

The healthcare sector is a strategic sector which needs to be plugged into energy around the clock. Because of this, energy efficiency has been a driving force of sustainable trends in healthcare. A variety of initiatives and combined efforts are engaging in renewable energy systems as well as in more efficient energy use.

Together, we will learn about infrastructure projects that provide hospitals and healthcare facilities with affordable and renewable energy, and about solutions that facilitate efficiency, smart measurement or automatization systems for energy.

Moderator: Per-Johan Wik

Project Development Manager, Sustainable Business Hub

Jonas Höglund

Business Developer, the Swedish Energy Agency

Karin Glader

Project Manager, CIT Renergy

Mattias Fägersjö

Energy Specialist at Regionfastigheter, Region Skåne

Thomas Lindborg

VP, Export Manager and Interim CMO, Lindinvent

**RESEARCH FOR
SUSTAINABLE
HEALTHCARE**

Multisectoral coordination is an important factor for achieving sustainable healthcare. Such coordination not only includes hospitals, policymakers, the public sector in general as well as companies and other industries – it also involves the academic sector as a key player. Transdisciplinary and interdisciplinary research can contribute to the goals of a greener healthcare system. This parallel session is co-hosted by the Faculty of Medicine at Lund University and will include different perspectives on research in the area.

Moderator: Hillevi Hemphälä

Senior lecturer at Ergonomics and Aerosol Technology
Researcher at Centre for Healthy Indoor Environments, Lund University

Mariapaola Puglielli

Research Fellow at Sys - Systemic Design Lab, Politecnico di Torino

Hans Christian Holländer

Senior Executive Officer and Business Developer, DTU (Technical University of Denmark)

Johanna Eriksson

Architect MSA, Sweco Architects Malmö, Artistic Senior lecturer and Licentiate in Architecture, Chalmers University of Technology, Department of Civil Engineering, Centre for Healthcare Architecture

Peter Kelly

CCO, Pharmafilter B.V.

**SUSTAINABILITY
IN THE CLINICAL
SETTING**

Sustainability is reflected practically in daily activities, especially in the clinical setting. Medical procedures, the use of plastics and single-use items as well as the engagement of healthcare workers are fundamental issues to consider to achieve sustainable healthcare. This parallel session will present the vision of actors who are innovators in the practice and analysis of how to improve sustainability aspects in the clinical setting.

Moderator: Mikaela Annerling

Regional Director, Swecare Foundation

Johanna Albert

Senior Physician, Docent and Associate Professor, Danderyd Hospital

Eero Kaaja

Head of Quality & Sustainability, Lojer Group

Linn Hemberg

PhD student at the Department of Clinical Sciences, Lund,
and the Agenda 2030 Graduate School, Lund University

Ida Persson

Resident General Practitioner, Doctors for the Environment Skåne
Responsible for sustainable development at the medical programme, Lund University

Anna-Lina Tammen

Urologist at Skåne University Hospital, Doctors for the Environment Skåne
Responsible for sustainability at the Department of Urology

13.45

Swedish fika (coffee break)

14.30

Parallel Sessions 3GLOBAL
COLLABORATIONFUTURE HOSPITALS
- GREEN DESIGNSUSTAINABLE
PROCUREMENTGLOBAL
COLLABORATION

No single actor can deliver the necessary actions for sustainable healthcare on their own. This statement seems fundamental when it comes to the desired global, green transformation of strategic sectors like healthcare. In this session, we will be sharing and learning from other countries, and envisioning regional commitments and goals as well as desired cross-border initiatives for accelerating transformations.

Moderator: David van der Ha

Circular Healthcare Programme Manager, Health Care Without Harm

Dr. Björn Ursing

Sr Project manager Life Science & Health, The Netherlands Embassy in Sweden

Dr. Shantanu Sharma

MD, DNB + MAMTA Health Institute for Mother and Child

Josef Prygodzicz

MPH, Global Health Innovation Manager, LM International

FUTURE HOSPITALS
- GREEN DESIGN

Everything starts with the design and the way we plan a healthcare facility. This is the case when designing for better use of natural light to reduce energy consumption, designing for improved connection with other systems in a city, or designing to provide the wellbeing of patients and workers. In this session, you will be part of a collective vision for the future, green design of healthcare.

Moderator: Terhi Rasmussen

Senior Advisor, Global Opportunity Leader for Health & Wellbeing team, Business Finland

Ulla Nykter

Leading Sustainability Consultant, Integrated Hospital Design Alliance (IHDA)

Johan Eriksson

Ventilation Strategist at Regionfastigheter, Region Skåne

Per Olsson

Head of Sustainability, LINK Arkitektur AB

Günter Vos

Territory Manager Nordic Region, Kepler Vision Technologies BV

**SUSTAINABLE
PROCUREMENT**

Healthcare procurement not only guarantees that products and services with higher safety standards for patients and healthcare workers can be purchased, it also acts as a key tool for starting a more complex sustainable transformation. In this session, we will hear about experiences of sustainable procurement from different perspectives in the healthcare sector.

Moderator: Lina Åkesson

Tender & Pricing Manager – Nordic, Stryker

My Björk

Environmental Strategist at Skåne University Hospital, Region Skåne

Henrik Alfredsson

Business Development Sustainability, FrostPharma AB

Olof Bachman

Business Area Manager, Evercare Medical

Diego Cattolica

National Coordinator, National Secretariat Sustainable Public Procurement

15.30

Swedish fika (coffee break)

16.15

PLENARY
Closing Remarks

Moderator: Nima Jokilaakso, PhD

Stakeholder Relations and Regional Manager Finland, EIT Health Scandinavia

Maiken Pollestad Sele

Special Advisor on Environment and Climate, Sykehusinnkjøp

Ian Milimo

Project Manager Sustainable Healthcare, HIV and Health Group,
Bureau of Policy and Program Support, UNDP

17.00

Summary of findings & Agreements

Daniel Eriksson

CEO and Founder, Nordic Center for Sustainable Healthcare (NCSH)

17.15

End of Conference Day

18.30 until late

After party & Dinner

At medley in Malmö (Södra Promenaden 51)

Extra! Tag along on a guided walking tour through the centre of Malmö city.
From Malmö Central station to the party at medley's.
Take the train from Hyllie to the Central station after the conference finishes.



NL “Towards green & sustainable healthcare solutions from the Netherlands.”

The Dutch Life Sciences and Health sector (LSH) has a strong reputation. The industry has a broad spectrum ranging from medical devices, mobility & vitality, high tech and eHealth to sustainable hospital building and public health expertise and solutions.

Considering the global and national challenges of healthcare, the Dutch LSH sector is working on enhancing healthcare through sustainable innovation. Through efficient, effective, accessible, comfortable and high-quality healthcare solutions, costs can be reduced while capacity increases and the quality of care improves.

What are Global Healthcare Trends & Challenges

Each country is geographically, demographically, politically and economically different. Nevertheless, multiple global trends seem to affect all of us now or in the near future .

First of all, we see an aging society in which more people are confronted with chronic diseases. Whereas in The Netherlands it is estimated that seven million people will be chronically ill by 2030, it is believed that half of the world's population is chronically ill by 2050.

Second, our world population, especially the middle class, is growing rapidly. This leads to an increase in the demand for healthcare. Even today there is already a global shortage of health workers, both nurses and physicians. In the Netherlands, the shortage is estimated to be 450.000 workers by 2025.

A third global trends is the negative impact that unhealthy lifestyles have on our healthcare. Our use of tobacco, alcohol, and fast food combined with less exercise increases the prevalence of obesity, diabetes, cardiovascular diseases and cancers. These diseases increase the demands on our healthcare professionals and on the infrastructure around them.

Moreover, patients become more demanding as they have access to more information through the internet. Medical technological developments, including eHealth, telemedicine, will increase the quality and accessibility of healthcare. At the same time, we need to keep a sharp eye on the rise of costs leading to non-sustainable health systems.

Dutch Green Solutions at the NL Lounge

Kepler Vision Technologies – Neolook Solutions – Pharmafilter – Philips – SLTN – Zonderland & Van Zeijl – Task Force Health Care

Netherlands

SIDE EVENTS

10 October 2023

Exclusive Mingle Buffet at Rådhuset (the Town Hall) in Malmö

The evening before the 5th Nordic Conference on Sustainable Healthcare, Malmö stad is inviting a selected number of participants to an exclusive mingle buffet at Rådhuset in Malmö.

Date: 10 October 2023

Time: 19.00–21.00 CET

Malmö stad is the host of this event.



12 October 2023

Researcher Networking Seminar: The Future of Sustainable Health Care Environments

Registration required. *The Faculty of Engineering and the Faculty of Medicine invites you to a researcher networking seminar. The aim of this seminar is to develop a multidisciplinary network of researchers and others who are interested in and/or have experience from sustainable healthcare environments. Half of the day is for sharing research findings, and the other half for activating the network and its collaborations.*

Date: 12 October 2023

Time: 08.30–16.30 CET

Venue: BMC E16003 meeting room, Sölvegatan 17, Lund

Lund University is the host of this event.



12 October 2023**Study Visit to the New Service Building at SUS (Skåne University Hospital)**

Registration required. We will be given a guided tour of the new service building at SUS (Skåne University Hospital) by Robert Harlin, who has had a central role in decisions concerning the building's design and function. The building on the hospital grounds in Malmö of 27,000 square meters has the task of servicing the entire hospital grounds. All deliveries of products, such as medicines, goods, laundry and waste, come by here. The building was inaugurated in 2023.

Date: 12 October 2023

Time: 10.30–12.00 CET

Meeting point: The main entrance at Jan Waldenströms gata 77, Malmö

Region Skåne is the host of this event.



Come and meet us at the stand number 8 to discuss more about our new sustainability strategy.

Together on a journey to be a pioneer of sustainability within our industry

Finnish Lojer Group is the largest manufacturer of medical furniture in the Nordic countries. Our products are used in more than 115 countries. In 2022 Lojer Group bought Merivaara company expanding product portfolio with wide selection of operating room products.

www.lojer.com | www.merivaara.com



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MEDEMA

THE WORLD'S GREENEST HOSPITAL



Image design: LINK Arkitektur

Grønnsköpingkið – the world's greenest hospital – is a digital hospital making Nordic sustainable healthcare solutions accessible to a worldwide audience.

Inside as well as outside the hospital walls, green healthcare products and services that are already on-the-market and at work at physical healthcare facilities in the Nordics are gathered and showcased, ready to be used in your hospital.

This platform is a way of enabling the partnership between decision-makers and companies' solutions, first hand!

Visit Grønnsköpingkið:



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FUTURE HOSPITALS FROM FINLAND

SUSTAINABLE, DIGITAL
AND INNOVATIVE SOLUTIONS

For more information:



www.businessfinland.fi



The Embra way

Our mission is to develop responsible healthcare solutions focused on lowering the environmental impact while heightening quality for patients and caregivers. We always consider utilizing innovative processes and raw materials that enable us to reach our goals. We also hold each and every Embra® product to strong ethical codes, and to quality reviews throughout its entire value chain. This is the Embra® way. It's our way of caring for patients, caregivers and the future.



Thank you for choosing **Embra**

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