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Sustainability since 1984
Local – Regional – International –
Self-funded – Non-for-profit
Independent – Foundation

Consulting

Trainings

Networks

R&D and projects





NCSH

Nordic Center for
Sustainable Healthcare

History – Sustainable healthcare for 15 years

- Sustainable Healthcare by Sweden in London, Berlin, Oslo, Copenhagen
- CleanMed Europe in Malmö 2012
- Different international collaborations and boards
- Working with Nordic hospitals, but also in UK, Taiwan, US etc
- Big international and Nordic network

Innovation agenda 2015 – start of NCSH

- Swedish hospitals and regions are very forward
- The Nordics are world leaders and a link to research and innovation.
- Conclusion: Sweden is too small. We need to make it Nordic!



START





Sustainability and healthcare

Health services in
some countries
responsible for
5 - 15 % of carbon
emissions

Around 9 % of
Sweden's GDP. In
the US it's 15-17 %



Environmental issues in the healthcare sector

The usual ...

- Transport
- Energy
- Waste
- Buildings
- Material
- Chemicals
- Procurement

Environmental issues specific for the healthcare sector

- Pharmaceuticals
- Radiation + Isotopes + Cyclotron
- Infectious waste
- PVC & phtalates
- Waste with secrecy restrictions
- Research laboratories
- Bandages with silver
- Analogue X-ray
- 24/7 activities
- Sterilization
- Laughing gas/anaesthesia
- Isocyanates in plasters
- Xylene and formalin
- Analysis kits
- Mercury
- Disinfectants
- The amount of disposable materials



The Nordic Center for Sustainable Healthcare aims to:

Raise	the status and awareness of sustainable healthcare
Boost	innovation and investments in sustainable healthcare
Bring	world-class solutions and ideas to the Nordics
Deliver	Nordic solutions & knowledge to the world

NCSH address

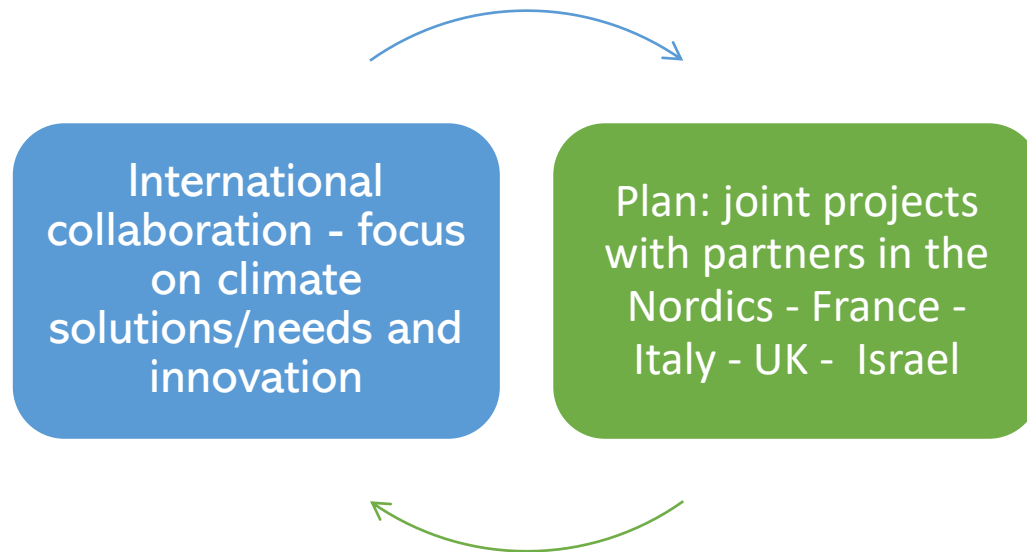
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- Energy efficiency in healthcare- and hospital buildings
- Hazardous substances in medical devices
- Transportation in healthcare
- Climate impact from healthcare operations
- Supply chain management and human rights in the supply chain
- Reduction of dangerous chemicals
- Improving the sustainability performance in Med Tech and Life Science
- Waste water treatment and water management
- Single-use items
- Green building design
- Packaging
- Pharmaceuticals in the environment
- Waste management and waste reduction
- Infectious waste treatment
- Innovation & export
- & more

Sustainable hospitals	Good environmental performance	Good environmental performance	Applications for healthcare	Good sustainability performance and applications for healthcare	Smart locally produced organic food	Support/boost sustainability performance	Management system, reporting, training
Construction industry	Life Science	Med Tech	Clean Tech	"Regular" Companies	Food Industry	ICT	Management

Horizontal not vertical

Platform for internationalisation of energy and climate smart healthcare



Kickoff meeting in Malmö, March 21

Events in Quebec 2019, Yale 2020

Collaboration with C2DS, Politecnico di Torino, Centre for Sustainable Healthcare in Oxford

The world's most sustainable healthcare 2030

Targeting Life Science and MedTech

Partners: Medeon, Swecare, Sahlgrenska Science Park, Medicon Village.

Workshops 2019

- Swecare, Stockholm, **February 22**
- Medicon Village and Medeon, Skåne, **March 28**
- Sahlgrenska Science park, Gothenburg, **April 11**
- VLL, Umeå, **May**

Interested in participating or give a presentation, contact us for more information!



Nordic Conference on Sustainable Healthcare



Healthcare management 2.0

Opportunities for members in NCSH:

- Opportunities to speak
- Meet 500 hospital managers from all over Europe
- 10 % discount on participation
- 10 % discount on sponsorship and exhibition

Contact us for more information!

Thank you!



NCSH

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