



Towards Southwest Finland's
wellbeing services county



Mot Egentliga Finlands
välfärdsområde



Kohti Varsinais-Suomen
hyvinvointialuetta

How to promote sustainable healthcare from the perspective of Finnish healthcare region

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Contents of the presentation

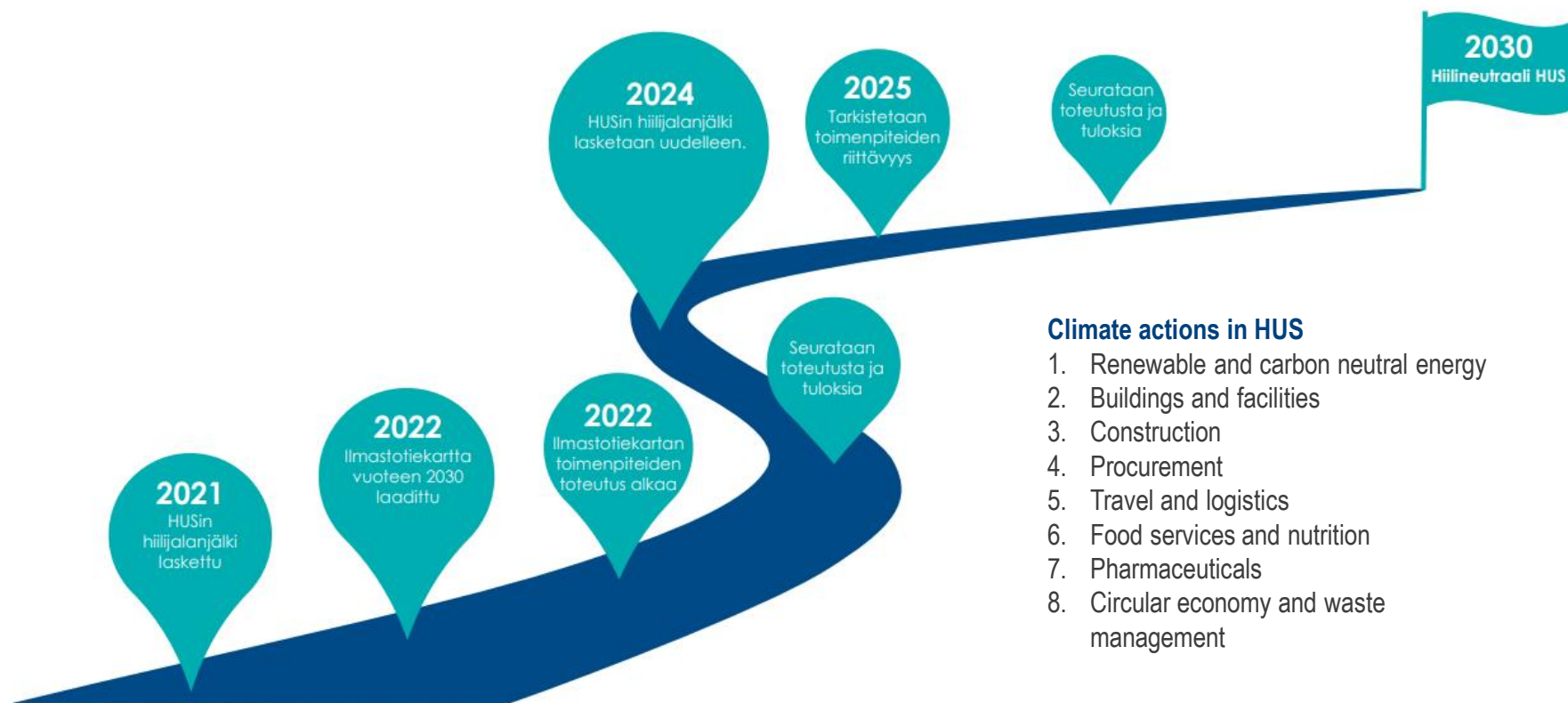
- Who are the active actors for (ecologically) sustainable healthcare among Finnish public healthcare
- What measures are they taking
- How do they utilize Finland's advanced infrastructure
- What opportunities does the on-going reform of public social and healthcare bring to sustainability
- R&D projects supporting sustainable development within healthcare



ILMASTOTIEKARTTA KOHTI HIILINEUTRAALIUTTA 2030

06/2022

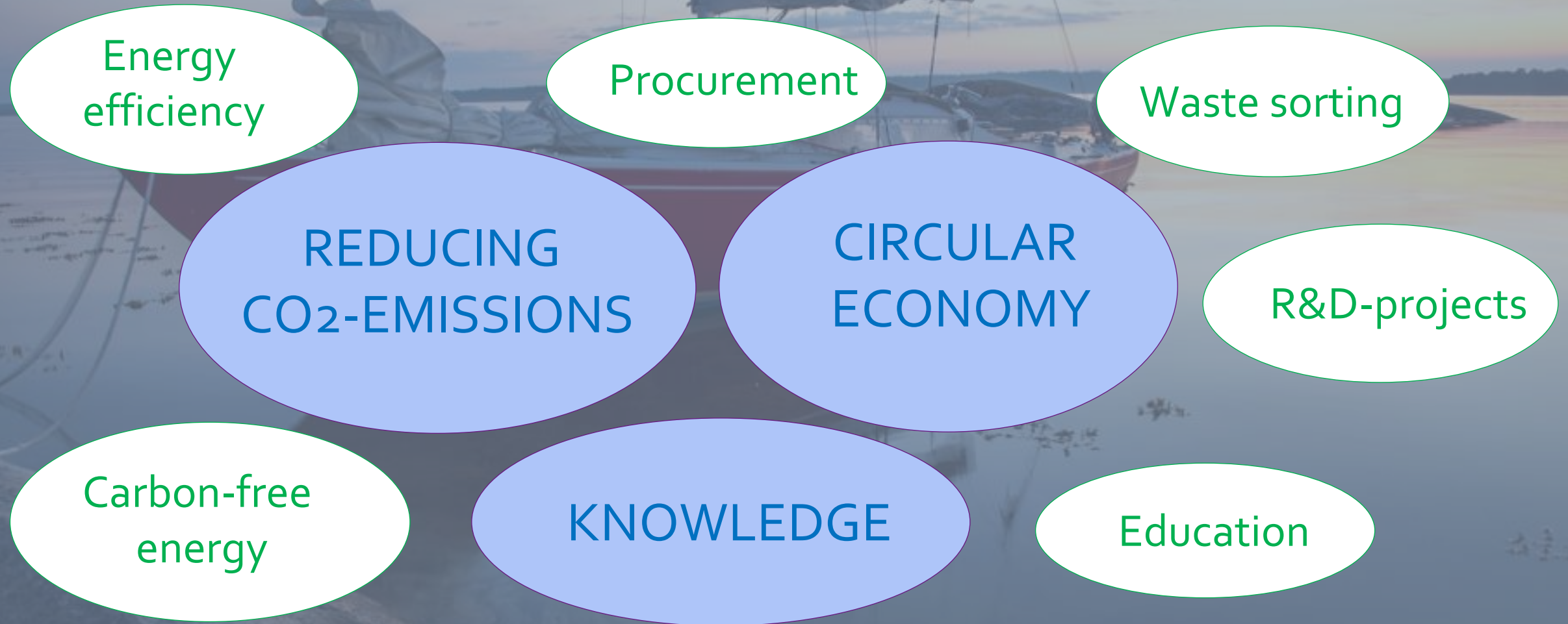
OUR ROADMAP FOR CARBON NEUTRALITY IN 2030



Climate actions in HUS

1. Renewable and carbon neutral energy
2. Buildings and facilities
3. Construction
4. Procurement
5. Travel and logistics
6. Food services and nutrition
7. Pharmaceuticals
8. Circular economy and waste management

SUSTAINABLE DEVELOPMENT PROGRAM (2020-2025) IN THE HOSPITAL DISTRICT OF SOUTHWEST FINLAND



Sustainable development projects in 2021

1. Staff education about sustainable health care

2. Recycling OR waste

3. T-hospital energy audit

4. Laboratory plastic waste audit

5. Sustainability reporting practises

Environmental sustainability is promoted by annual projects that are suited for hospital's recognized challenges and daily activities

SUSTAINABLE DEVELOPMENT PROGRAM 2020-2025 IN THE HOSPITAL DISTRICT OF SOUTHWEST FINLAND

Sustainable development projects in 2022

1. CO2 emissions of motor vehicles and transport services

2. Hospital food waste management

3. Procurement of waste management services

4. The environmental impacts of anesthetic gas use

5. OR waste management – distributing best practises

Healthcare actions supporting ecological sustainability

- Utilizing the developed infrastructure of the society
 - access to low-carbon energy sources and energy recycling
 - innovative and sustainable public procurement
 - recycling opportunities and circular economy
 - tools to increase resource efficiency, e.g. digitalization
- Disease prevention to decrease the need for resource-intensive health services
 - Health promotion (nutrition, exercise, temperance)
 - Early access to necessary services
- Value based health care VBHC
 - Using resources to promote best practises and avoiding resource-use in low-impact services



The actors of sustainable healthcare in Finland



MINISTRY OF
SOCIAL AFFAIRS AND HEALTH



Ministry of Economic Affairs
and Employment of Finland



Ympäristöministeriö
Miljöministeriet
Ministry of the Environment



Finnish institute for
health and welfare



S Y K E

Finnish Environment Institute

Hospital districts

Municipalities

Companies

Wellbeing services
counties



The role of wellbeing services counties for ecologically sustainable healthcare

Mot Egentliga
Finlands
vårdförskåda

- Centralized property management: energy efficiency, energy procurement
- Optimization of the social and healthcare service network: access to services by foot/bike/public transport, digital services
- Sustainable procurement in large scale, effective logistics and stock management
- Recycling of movables within a large region (e.g. hospital beds, medical devices)
- Scale benefits for waste management and waste sorting (e.g. chemical waste, plastic recovery for recycling)
- Education for all personnel (23 000 staff members in Southwest Finland)
- The central role of health promotion in the reform



How to support wellbeing services counties in ecological sustainability?

Research

EKO-SOTE research project

- funded by the Government
- Calculating the carbon-footprint of Finnish social and healthcare
- Creating a control model to promote ecological sustainability within wellbeing services counties

Sustainable digitalization

<https://tietokayttoon.fi/-/julkisten-palveluiden-kestava-digitalisaatio-ilmasto-ja-ymparistovaikutukset>

Development projects

CIRCWASTE

- <https://www.materiaalitkiertoon.fi/en-US/Circwaste>

Circular economy in healthcare

(in preparation)

- Healthcare material streams and waste sorting
- Sustainable textiles
- Circular economy of medical devices and movables



Thank you!

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