

A Nordic white paper on sustainable healthcare

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to global challenges



Linnea Turnstedt
January 29, 2019

Sustainable & innovative hospitals

- A stronghold in Nordic healthcare!
- Smart digital solutions, Ambient assisted living and Personalized care
- Sustainability is high on the Nordic agenda



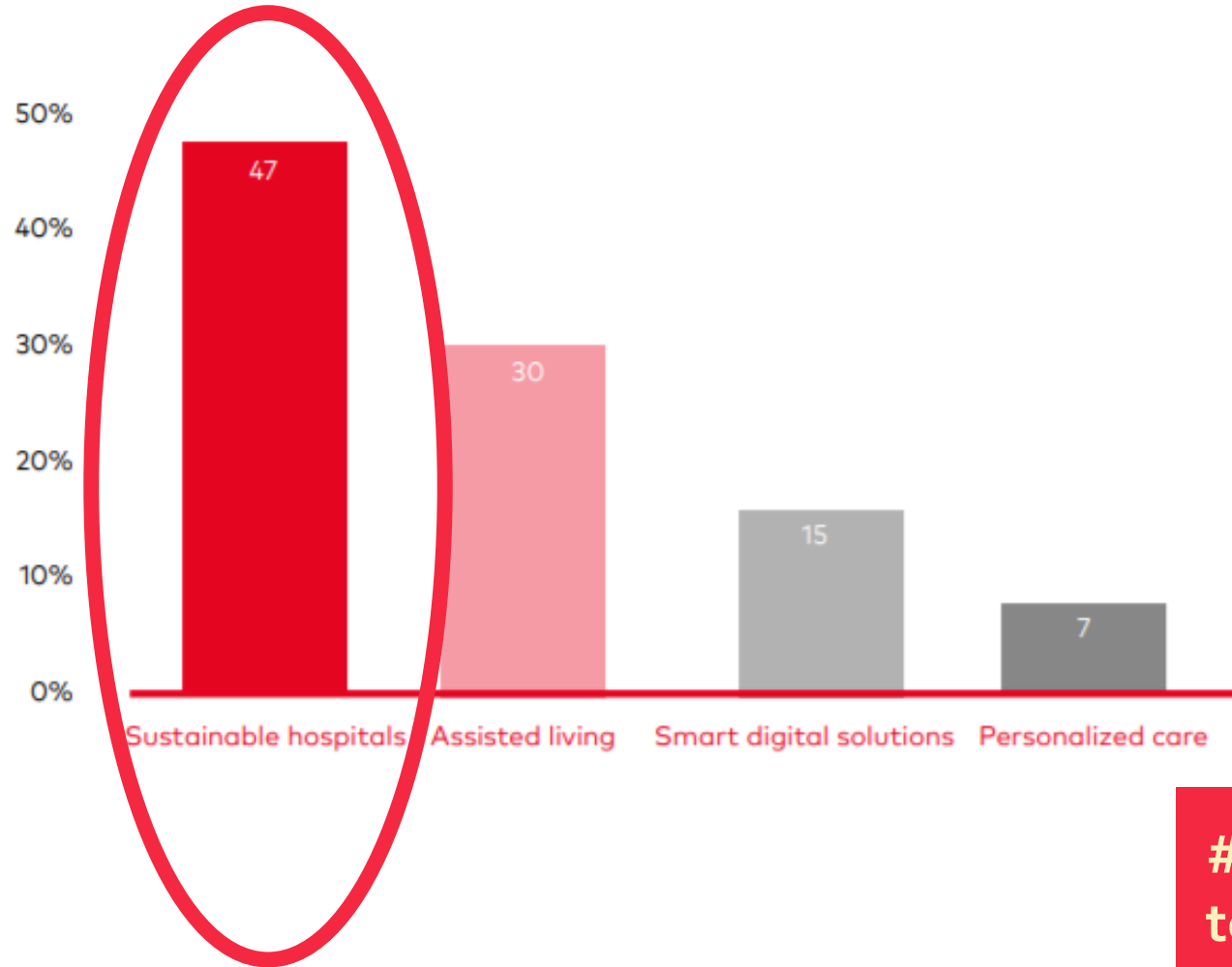
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Sustainable & innovative hospitals

Figure 3-4:
Distribution of Nordic companies by strongholds. Share of total.

Source: Menon Economics (2017).



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The process of creating a white paper

- Gathering Nordic solutions and best practice in sustainable healthcare
- Workshops in all Nordic countries
- Discussions with and contributions from over 250 stakeholders



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The Nordic way

- We want to do the right thing
- A strong connection to nature
- Strong environmental legislations
- Trust is the Nordic gold?
- Eg. Giving away left over food in Iceland



«In it's essence – we want to do the right thing»

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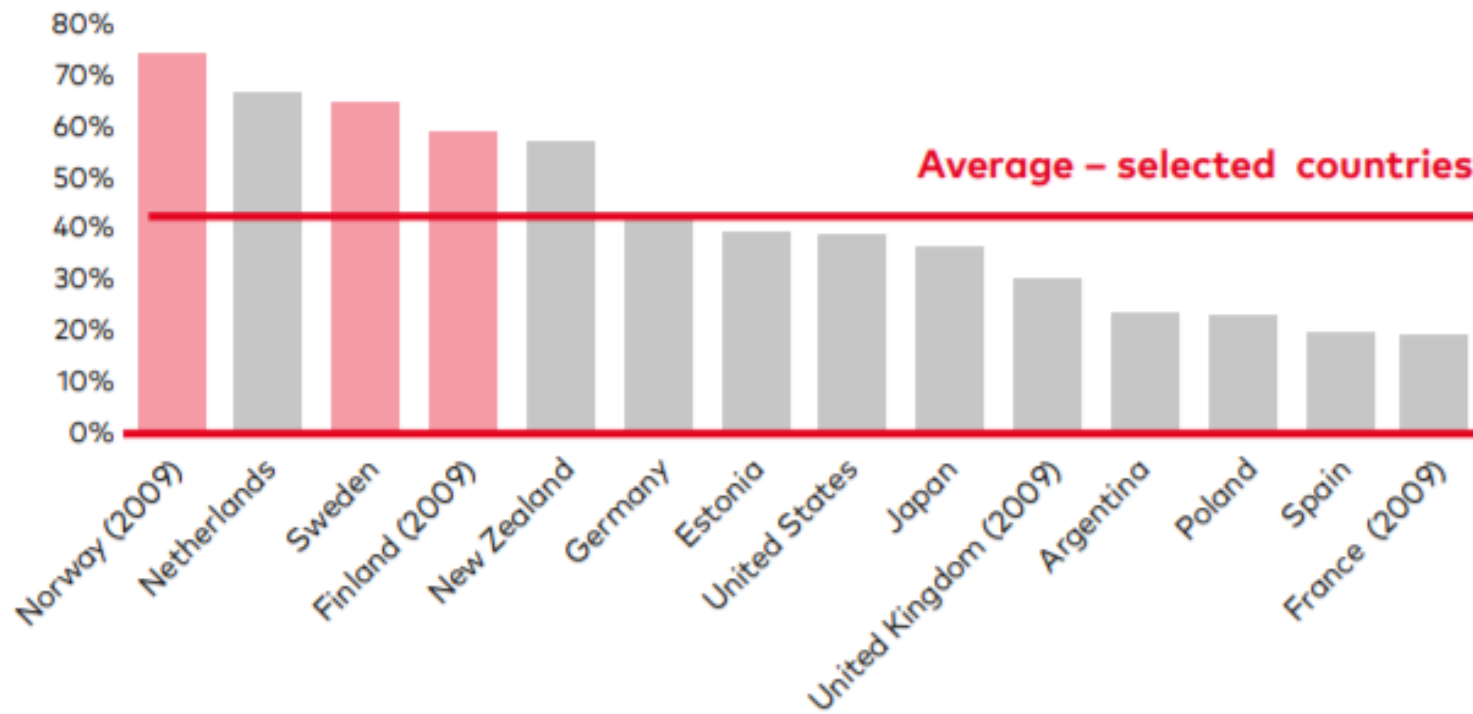


Figure 2 12: Trust in others, share of respondents agreeing to the statement "Most people can be trusted", 2014 (results from 2009, where 2014 is not reported). More than 100 countries included.

Source: Our World in Data, Oxford University.

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A holistic approach

- Most hospitals work with all environmental issues
- A holistic understanding of the lifecycle
- Top 5 % in everything?

«The Nordic are probably not the best at anything – instead we are top 5 at everything»

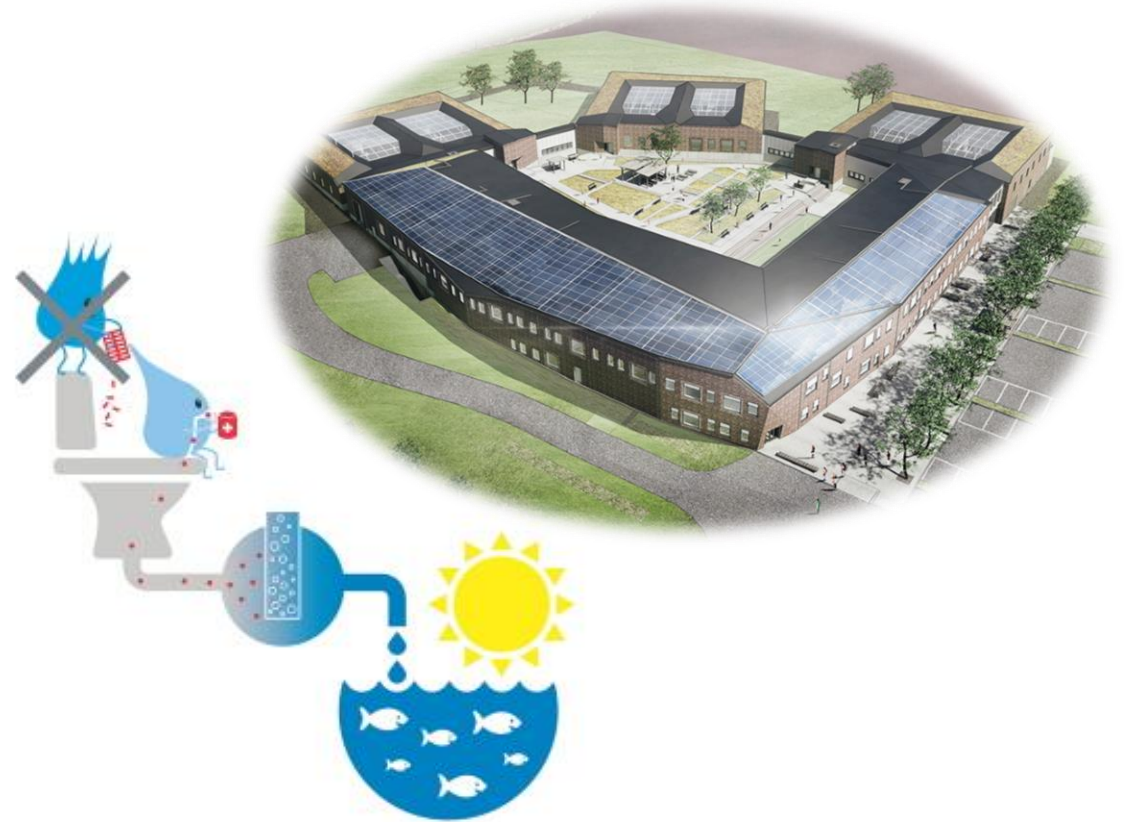
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System solutions

The hospitals are part of an ecosystem

- District heating
- District cooling
- National recycling programs
- Regional biogas digestion
- Waste water treatment
- Clean energy
- Clean water
- Clean transportations
- ... and more

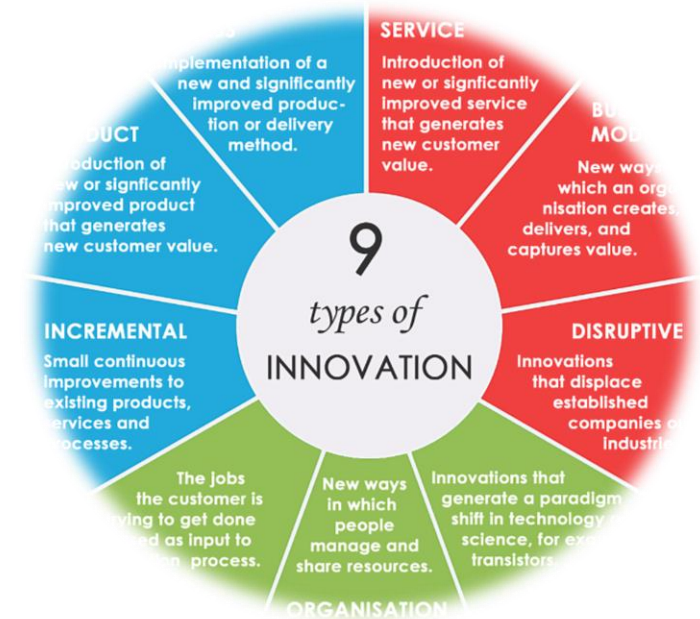


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Innovative actors

- Early adopters
- Authorities promote and fund innovations, testbeds etc.
- Technologies outside of the hospitals, waste water treatment etc.
- Global ranking of innovation

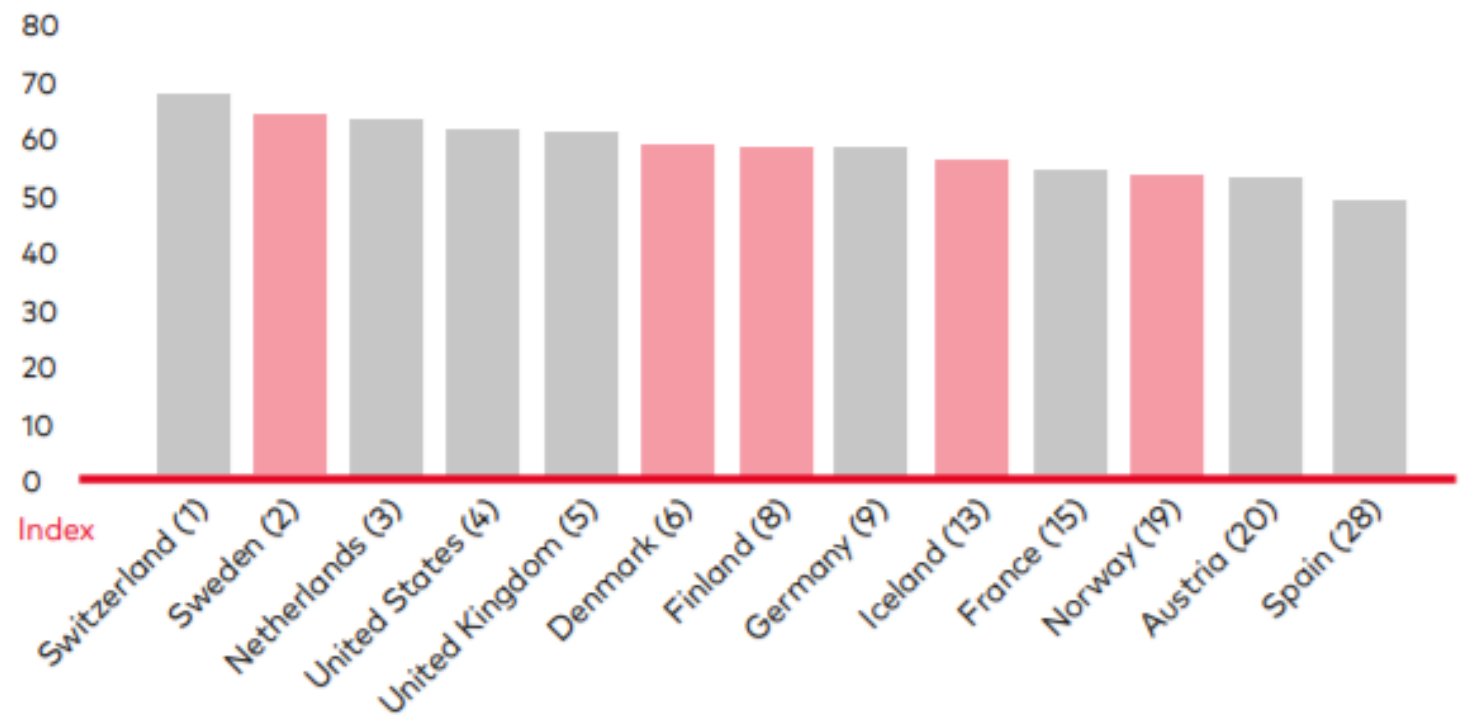


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**Figure 2-5:
Global Innovation
Index 2017. Rank in
parentheses.**

Source: Cornell University,
INSEAD, and the World
Intellectual Property
Organization, 2017.



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Hospitals at the forefront

- Public procurement is a strong tool
- Management & organisation: from environmental managers to 250 environmental coordinators
- Systems for environmental performance:
 - Environmental management systems.
 - Extensive statistics
 - Testbeds, innovation procurement etc
 - Reports

"As an obstetrician and father of five – my focus is always on the next generation . Sustainable healthcare is therefore a matter of course and we are working intensely to lower our environmental impact."

- Professor Stefan Hansson, Head of department of obstetrics and gynaecology, Lund University Hospital

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Tack.

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