Smarter implementation of digital technology to enhance active and healthy living

Nordic Welfare Centre

Bengt Andersson
September 23rd, 2019

Nordic Welfare Centre

— An institution under the Nordic Council of Ministers

— Offices in Stockholm and Helsinki

— Four focus areas:

— Public health, Disability issues, Integration and Welfare policy

A longer and healthier life

Ageing population

— 27 million people in the Nordic region

— One in 20 inhabitants is over the age of 80

— The proportion of elderly people in the Nordic region has doubled over the past 100 years

— The life expectancy is increasing

20 percent is over the age of 65

Demographic vulnerability indicated by age group 65 and over

— A municipality is considered vulnerable when the proportion of the 65+ age group in the total population is over 19.5 percent

— In about 70 percent of the Nordic municipalities, the proportion of the population in this age group is above the threshold
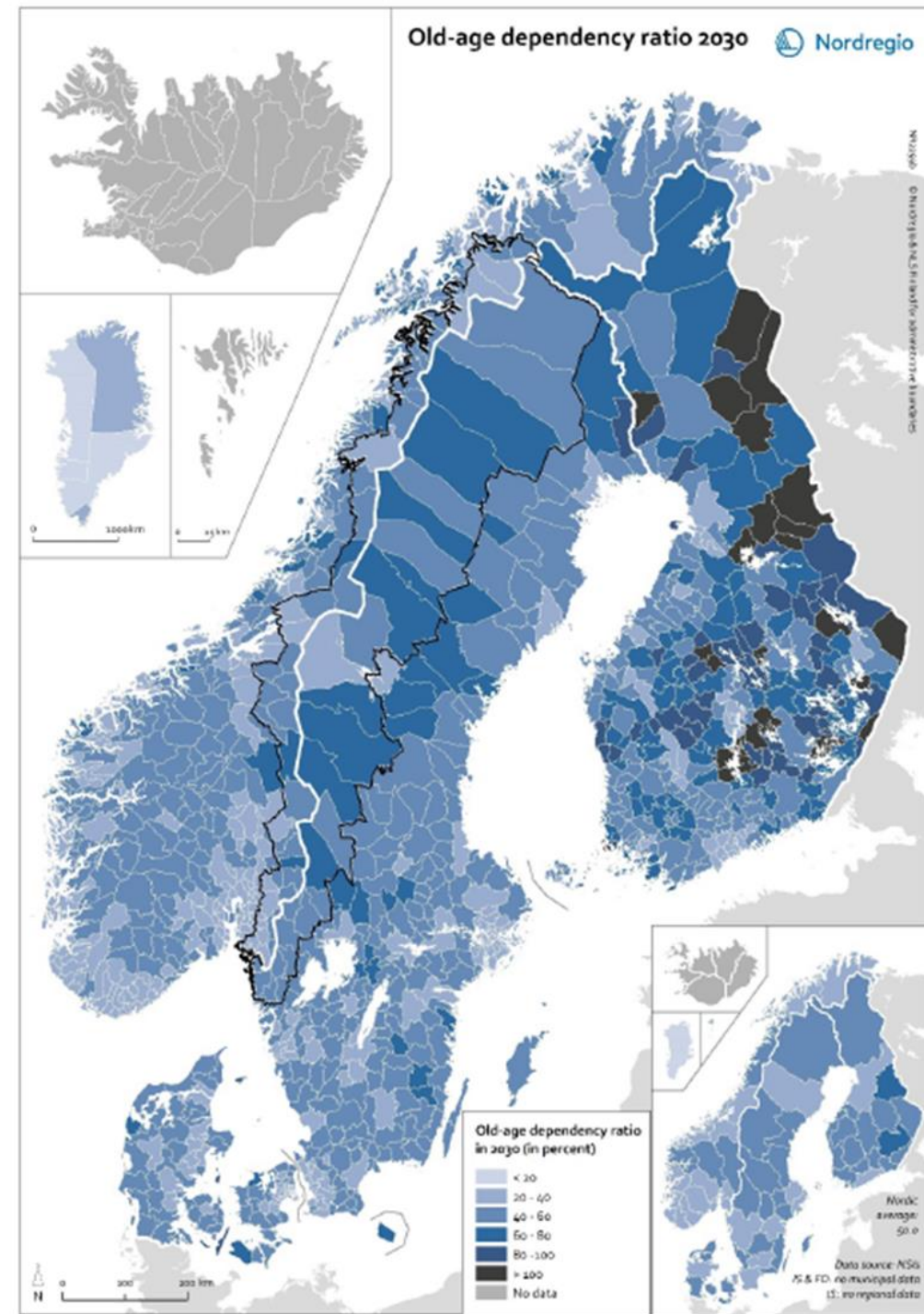

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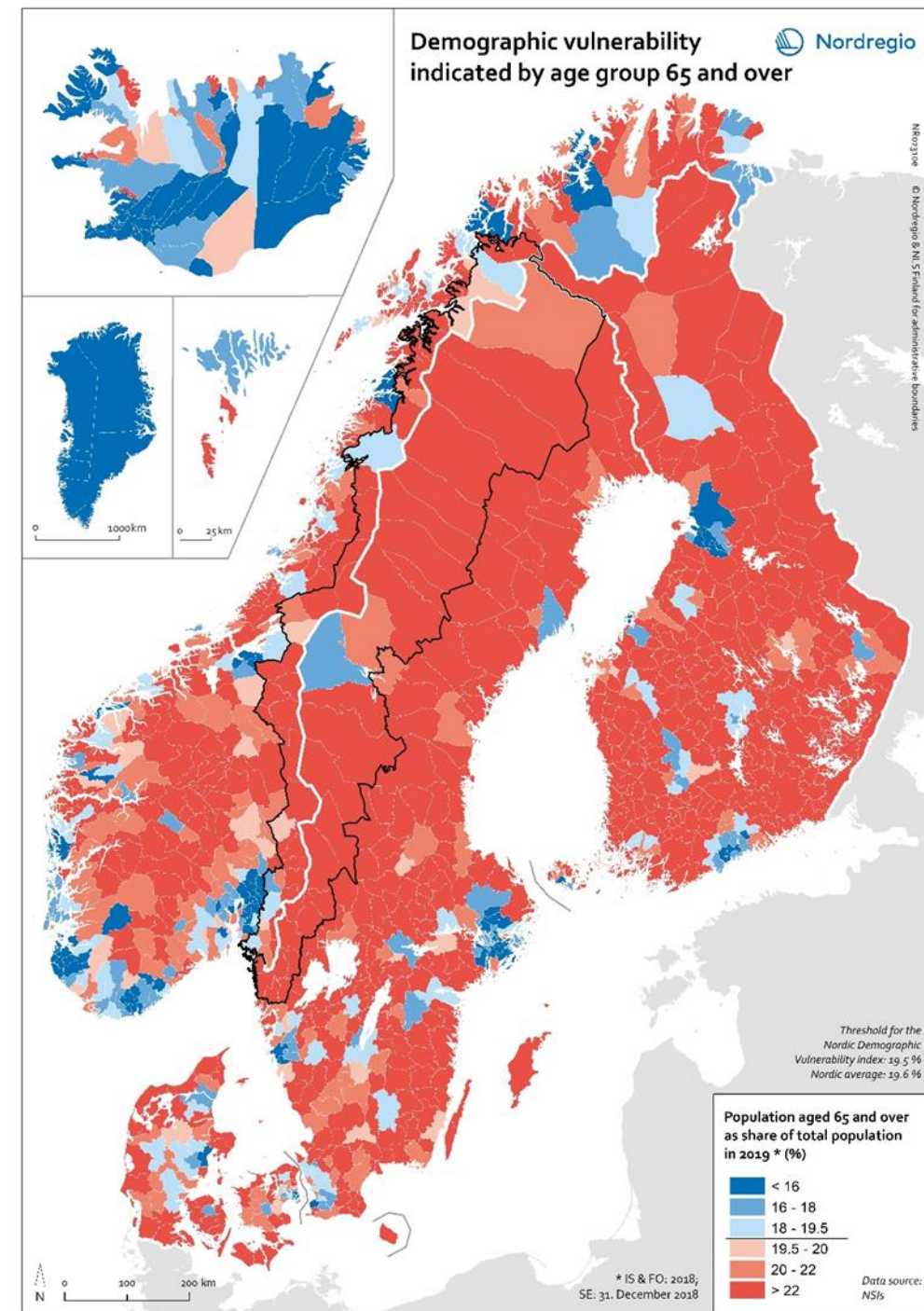
Class, gender, ethnicity and lifestyle have an effect

Ageing population impacts our social systems

— Higher old-age dependency ratio

— There will soon be a shortage of staff in healthcare and social care

Old-age dependency ratio 2030 Nordregio

Old-age dependency ratio in 2030 (in percent)
< 20
20 - 40
40 - 60
60 - 80
80 - 100
> 100
No data

Welfare Technology

Nordic Welfare Centre

Bengt Andersson
June 5th, 2019

Welfare Technology in Nordic countries 2019

— Focus on implementation:

    — Change management

    — Tools for implementation

    — How services and technologies that work today were implemented -success stories

CONNECT - Nordic project 2015-2017

Result:
A toolbox available in all Nordic languages and english

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Welfare Technology

Tool Box

CONNECT: collecting nordic best practice within welfare technology

Nordic Welfare Centre

CONNECT tool box - a process in nine steps:

1. Vision
2. Strategy
3. Communication plan
4. Needs-Analysis
5. Market Screening
6. Evaluation model
7. Procurement Plan
8. Implementation Model
9. Effect Monitoring

CONNECT – a tool for digitization

— Change Management

   — Culture in organizations - "we have always done it like this….."

   — Welfare services using new technologies – a new way how to do it

   — Same level of service quality and increased quantity

Healthcare and care through distance-spanning solutions

A priority project during 2018–2020

Nordens
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Project Healthcare and care through distance-spanning solutions

A priority project during 2018–2020 forming part of the Swedish Presidency programme of Nordic Council of Ministers 2018

www.healthcareatdistance.com

Healthcare and care through distance-spanning technologies

The project consists of three main blocks:

1. Mapping of distance spanning solutions applied in Nordic municipalities and regions

2. Identifying tools to support implementation of distance spanning technologies in Nordic municipalities and regions

3. Through calls identify Nordic municipalities and regions to provide support to in their implementation of distance-spanning technologies

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Publication September 2019 with the 24 most interesting solutions

1. Remote treatment (treatment at distance)
2. Remote monitoring (monitoring at distance)
3. Remote meetings (meetings at distance)
4. New digital services for healthcare and care – new service models etc; Including new innovative collaboration models

Vård och omsorg på distans

24 praktiska exempel från Norden

Nordens välfärdscenter

Examples distance spanning solutions remote monitoring – VOPD-publication September 2019

— GPS alarm/tracking

— Digital supervision – video visits e.g. night surveillance using webcam

— Electronic/automatic medicine dispensers

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Nordens välfärdscenter

Localisation technologies (GPS)

Night surveillance using webcam

**Electronic and automatic medicine dispensers**

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All five Nordic countries have national visions and strategies for ehealth and welfare technology
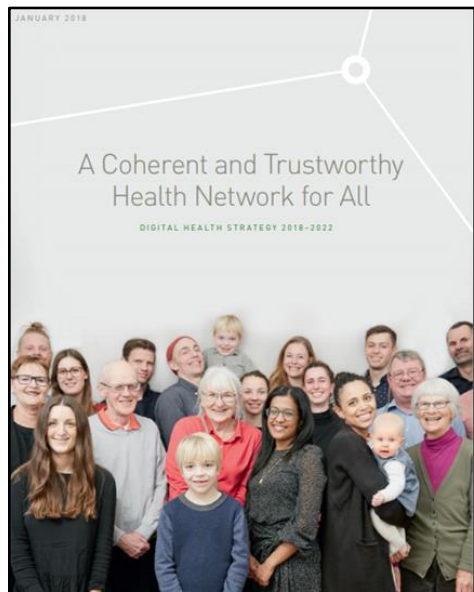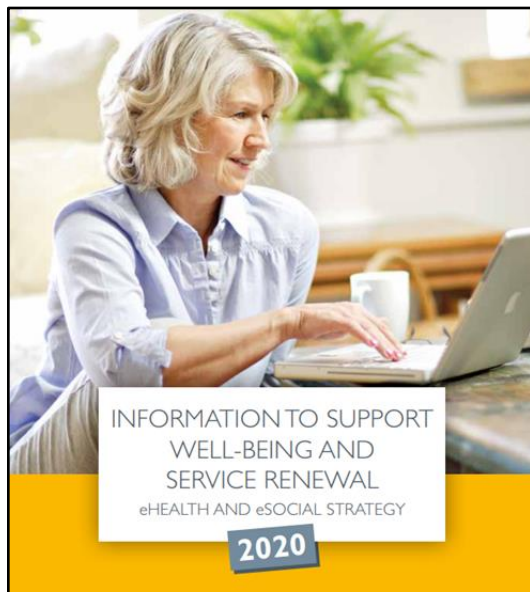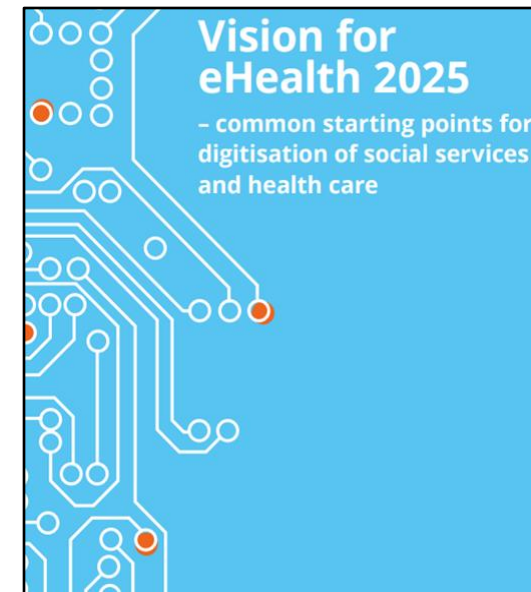

Denmark **Finland** **Iceland** **Norway** **Sweden**

Mapping of national tools to support implementation of distance spanning solutions in the Nordic countries

Summary:

— All five countries have national **visions** and **strategies** for ehealth including welfare technology

— All five countries lack of detailed strategies and **implementation tools** for distance spanning solutions for healthcare with regional responsibility

— CONNECT, Nordic tool for implementation of distance spanning solutions is used as inspiration material

— **Denmark and Norway have more detailed strategies and also implementation tools for welfare technology**

Norway

Roadmap for service innovation and welfare technology

September 2019

Nordens välfärdscenter

National tool/roadmap:
"Roadmap for service innovation and welfare technology"

Developed by The Norwegian Association of Local
and Regional Authorities (KS) and consist of six phases:

Phase 1 - Anchoring

Phase 2 - Insight

Phase 3 - Service development

Phase 4 - Pilot

Phase 5 - Transition to operation

Phase 6 - New practice

More information on:
www.ks.no/fagomrader/innovasjon/innovasjonsledelse/veikart-for-tjenesteinnovasjon/

Norway – Tools for implementation of distance spanning solutions

— Norway has national tools for implementation of distance spanning solutions as described above with main focus on municipal responsibility

— The tools are developed for all levels in the organisations

— The National Welfare Technology Program continues according to Norwegioan strategy and during 2019 reaching out to the municipalities that not are in the program via a "Quick guide"

KVIKK-GUIDE TIL VELFERDSTEKNOLOGI

Nasjonalt velferdsteknologiprogram

More information on:

www.ks.no/fagomrader/innovasjon/innovasjonsledelse/veikart-for-tjenesteinnovasjon/kvikk-guide-til-velferdsteknologi/

Change Management

— Culture in organizations - "we have always done it like this….."

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— Same level of service quality and increased quantity

Thank you!

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