



Norwegian  
Smart Care  
Cluster



NORWEGIAN  
INNOVATION  
CLUSTERS



ARENA



## Norwegian Smart Care Cluster

Marit Hagland, Manager NSCL  
epost: [marit.h@valide.no](mailto:marit.h@valide.no)  
Tlf. +47 45261799

[www.smartcarecluster.no](http://www.smartcarecluster.no)



Trygghet  
og sikkerhet



Behandling  
og pleie



Sosial  
kontakt



Hjelpemidler



Livsstil og  
forebygging



Smarthus



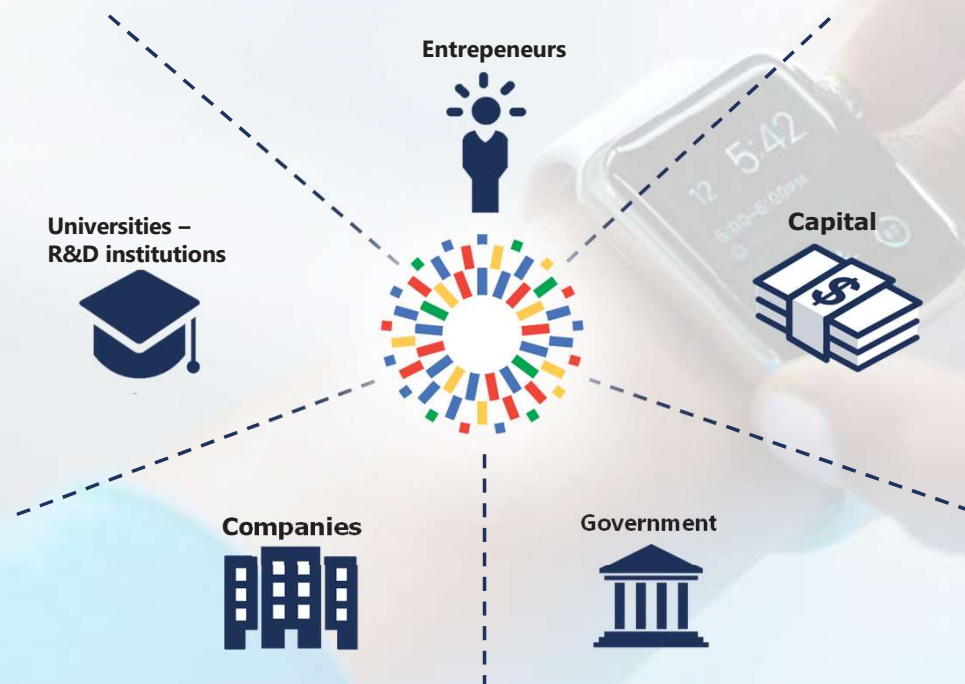
Spesialiserte  
underleverandører



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ARENA



**120 companies**  
**50 municipalities – public institutions**  
**3 universities**  
**2 university colleges**  
**2 research institutes**

**5 years in the national innovation cluster  
program**  
**Silver certified in the ESCA clusterprogram**

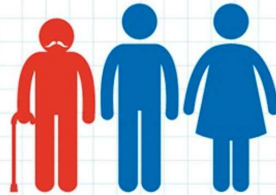
**HQ in Stavanger**  
**Members from all over Norway, but with a  
main concentration in the south-west region**

**Norwegian Smart Care Cluster –  
From marked to industry**



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Europe is **ageing**.

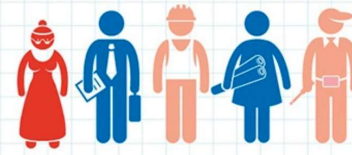


By **2060**  
**one in three** Europeans  
will be **over 65**.



**Today**

The ratio of **working** people  
to the **'inactive'** others  
is shifting  
from **4 to 1 today**  
to **2 to 1 by 2060**.



**2060**

**Costs for care are rising sharply.**  
**If we don't change** our systems for health and social care,  
**we will not have the money and the people**  
to **guarantee a good and healthy life for all.**





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**SmartCare - digital healthcare solutions for the  
interplay between user-patient in their home and  
municipality / hospital.**



**SmartCare**





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## Solutions areas in the cluster



### Safety and security

Eg. Digital security alarms, notification and localization technology, medicine dispensers, and various forms of sensors.



### Treatment and care

Give people the opportunity to better master their own health, for example, chronic disorder. Diabetes, COPD, Automatic measurement of blood glucose, blood pressure, etc.. Remote monitoring, Hospital at Home



### Medical aids

Assists for example when memory gets worse, or physical malfunctions. This also includes technology that makes everyday life easier, such as control of light and heat and transfer aids and aids that compensate for physical disabilities and lack of strength, wheelchairs, hearing aids, visual aids



### Lifestyle & prevention

Solutions that works on preventing bad health – thus delaying the need for medical treatment. Exercise, diet, stop smoking...



### Social contact

Assists people to get in contact with others, such as video communication technology, web services and robotics



### Smart Homes

Design, facilitation, steering and management systems, etc. electronic door locks, sensor systems - light, heat, cameras



### Specialised subcontractors

Design companies, platform vendors, programdevelopment, AI, BigData, HW development, programmable systems



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**VISION: Generating Impact  
through Smart Care Solutions**

**Mission: We work to develop the Norwegian health industry by promoting sustainable solutions that provide a better life for users as well as cost-effective and quality-assured deliveries of health & care services.**



**National  
testcenter**  
Norwegian Smart  
Care Lab

**Research &  
Development**

**Internationali  
sation**

**Scaling of  
growth  
companies**

**Continous  
development  
of the clusters  
networking  
engine**

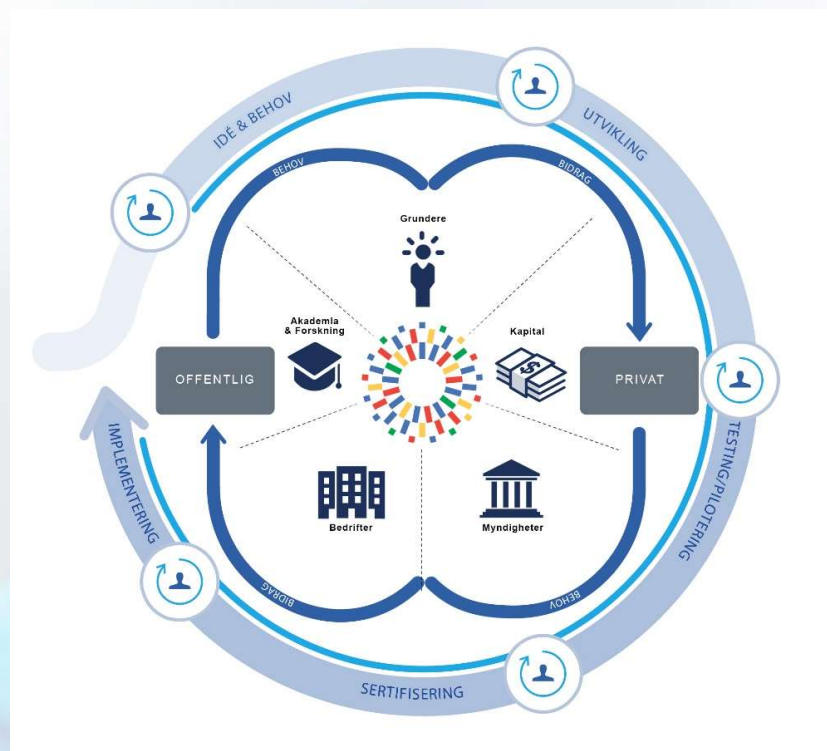
**Develop  
regional  
innovation  
systems**

**Knowledge lift  
for the health  
sector**

**Norwegian Smart Care Cluster**



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- Contracts, systems, project management, expertise
- Access to relevant user groups for test persons
- Access to relevant test facilities - both physical and virtual!

**Norwegian Smart Care Lab**

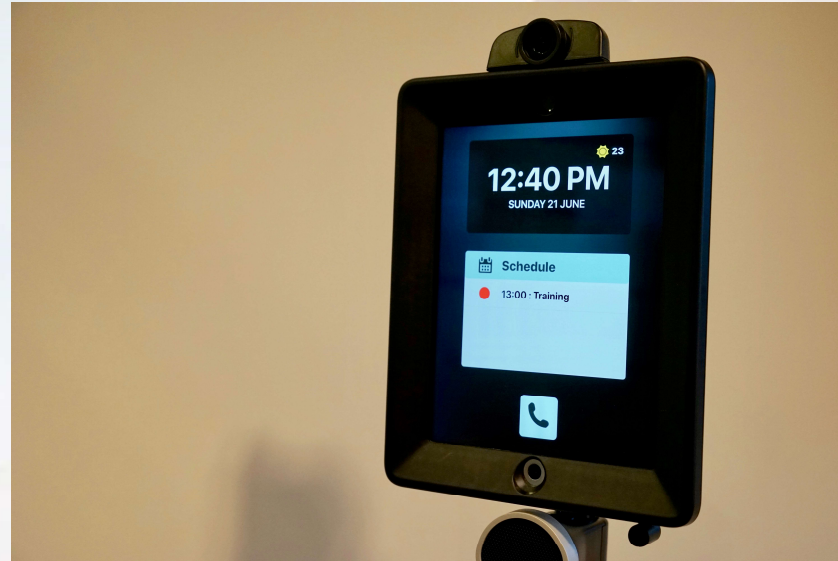








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Testing of new technologies



Norwegian Smart Care Lab

# Norwegian Smart Care Lab, Norway

Norwegian Smart Care Lab focuses on testing solutions in a primary care setting. This could be done at Inhouse Lab facilities or at out clinic testing with real users at institutions or in homes.

## Core competence and focus area

- Safety and security
- Medical Aids
- Social contact
- Treatment and care
- Lifestyle and prevention
- Smart homes
- Specialized subcontractors

## Services offered

- Contracts, systems, project management, expertise
- Access to relevant user groups for test persons
- Access to relevant test facilities both physical and virtual



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