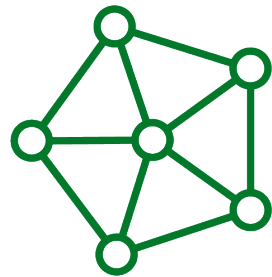




European Innovation
Partnership on Active
and Healthy Ageing

REFERENCE SITE



**REGIONAL
COORDINATION GROUP**
E-HEALTH AND WELFARE TECHNOLOGY
AGDER

 **UiA Centre for e-health**

Agder - Norway

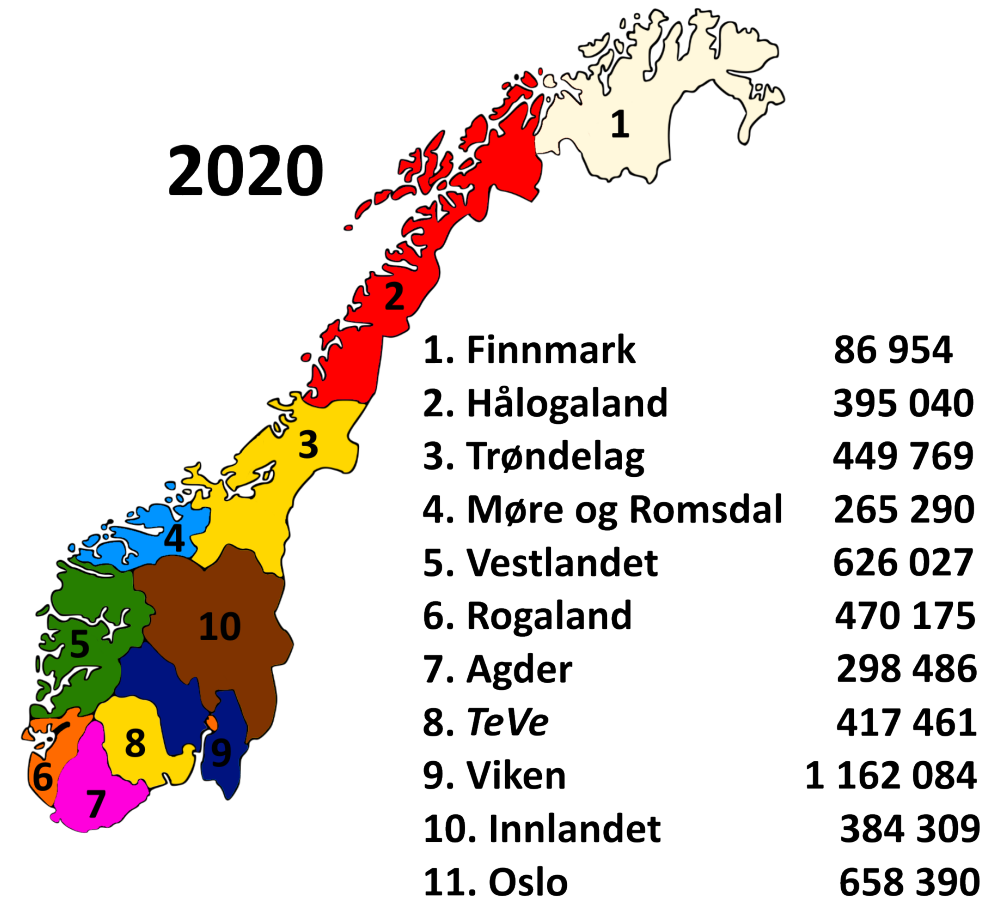
University of Agder	Ragni MacQueen Leifson	Project Manager Center for e-health
Grimstad municipality	Silje Bjerkås	Manager, USHT Agder East
Agder Region	Kjetil Løyning	Program-manager eHealth Agder 2030
Agder Region	Silje Skeie Stray	Project manager, Digital telecare
Agder Region	Morten Lauknes	Project manager, Digital Telehealth
Agder Region	Renate Neteland Olstad	Manager, Call-center Telecare
Agder Region	Kathrine Melby Holmerud	Project Manager, Agder Living Lab

Agenda:

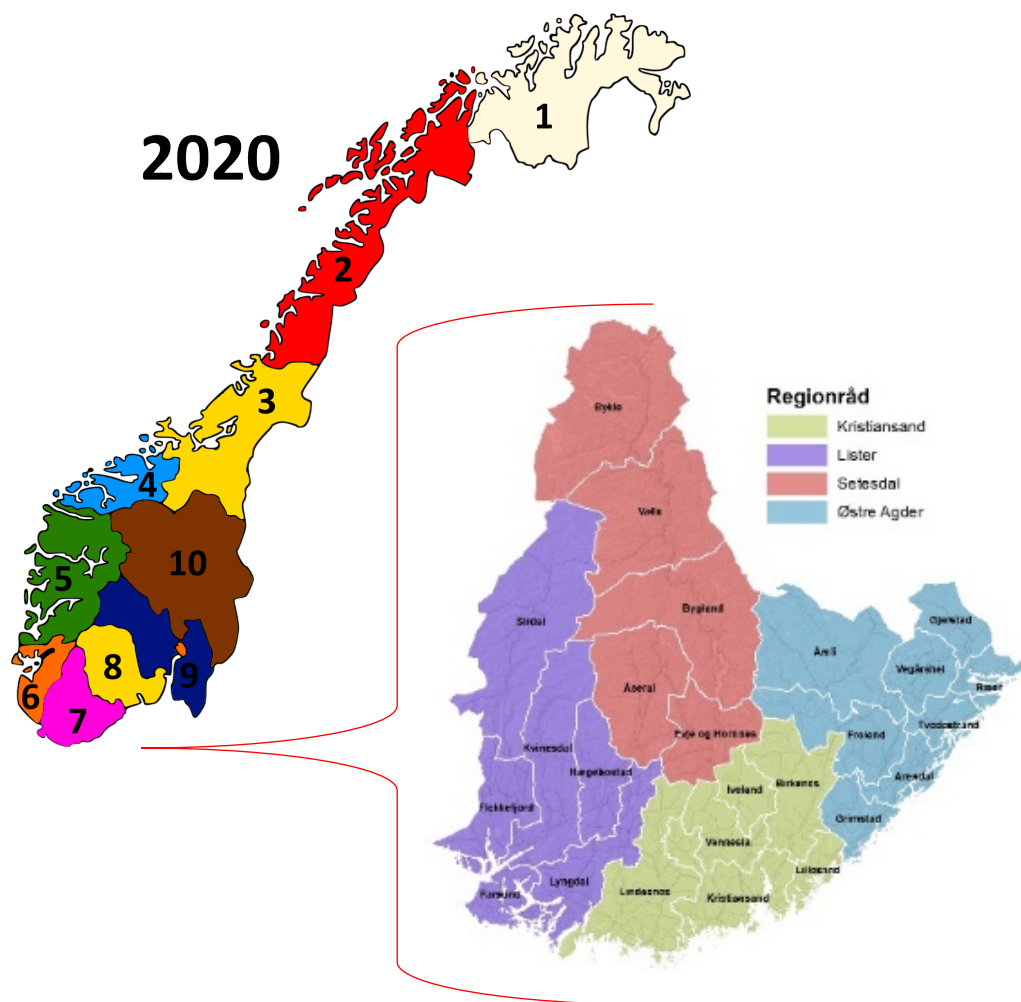
1. **Norway, Agder**
 1. National Welfare Technology Program
2. **Our region's digital telecare strategy** (incl current status)
 1. Digital telecare Agder
 2. Digital telehealthcare Agder
3. **Successes**
4. **Challenges**

Norway

- 5, 3 million inhabitants
- Municipalities (356)
 - Primary health care
 - General practitioners
- Hospitals



Agder



- 25 municipalities (300 000 citizens)
- The regional coordination group for E-Health and Welfare technology involves administrative as well as political decisionmakers.



- South Norway European office
- European Innovation partnership - Active and Healthy Ageing
- Reference Site (2016 & 2019)

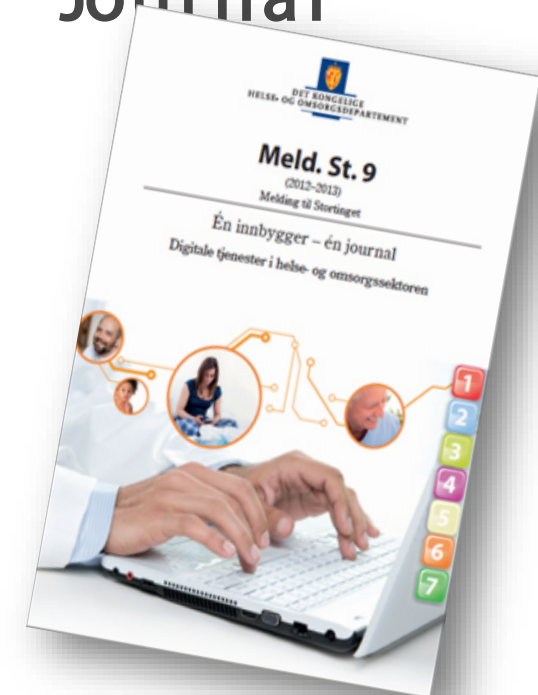
Two main strategies in Norway

- Welfare technology projects
 - Telecare
 - Telehealth



Photo: Erling Hægeland

- One citizen
– One
Journal

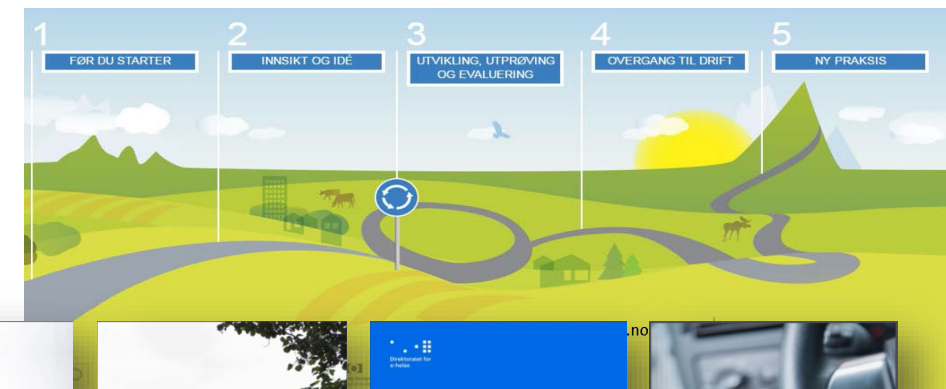


National Welfare Technology Program

Think big – Start small – Scale fast



- Develop common practical tools and methods
- Financial support schemes
- National recommendations and demands.



Agenda:

1. Norway, Agder

1. National Welfare Technology Program

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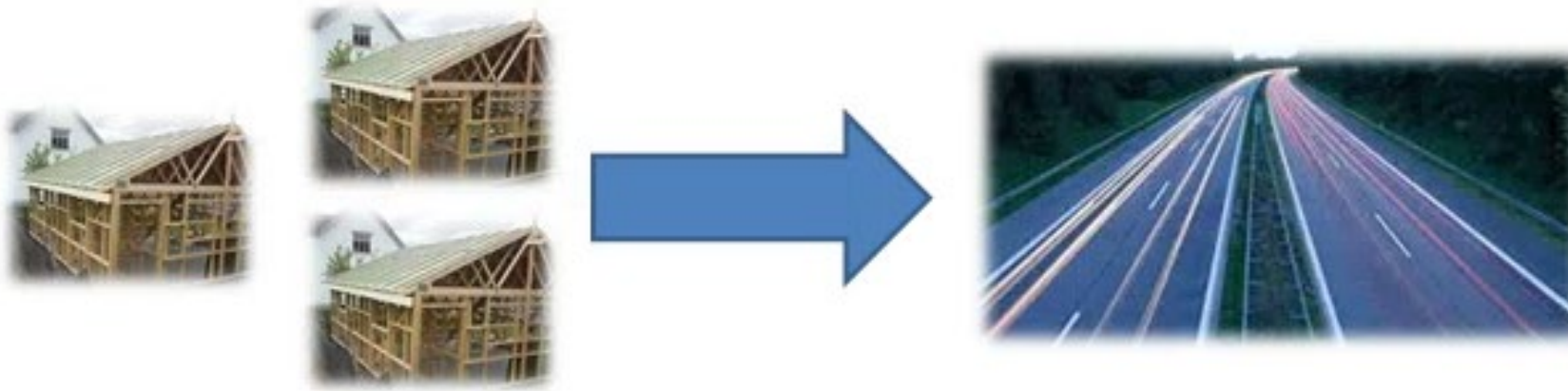
1. Digital telecare Agder

2. Digital telehealthcare Agder

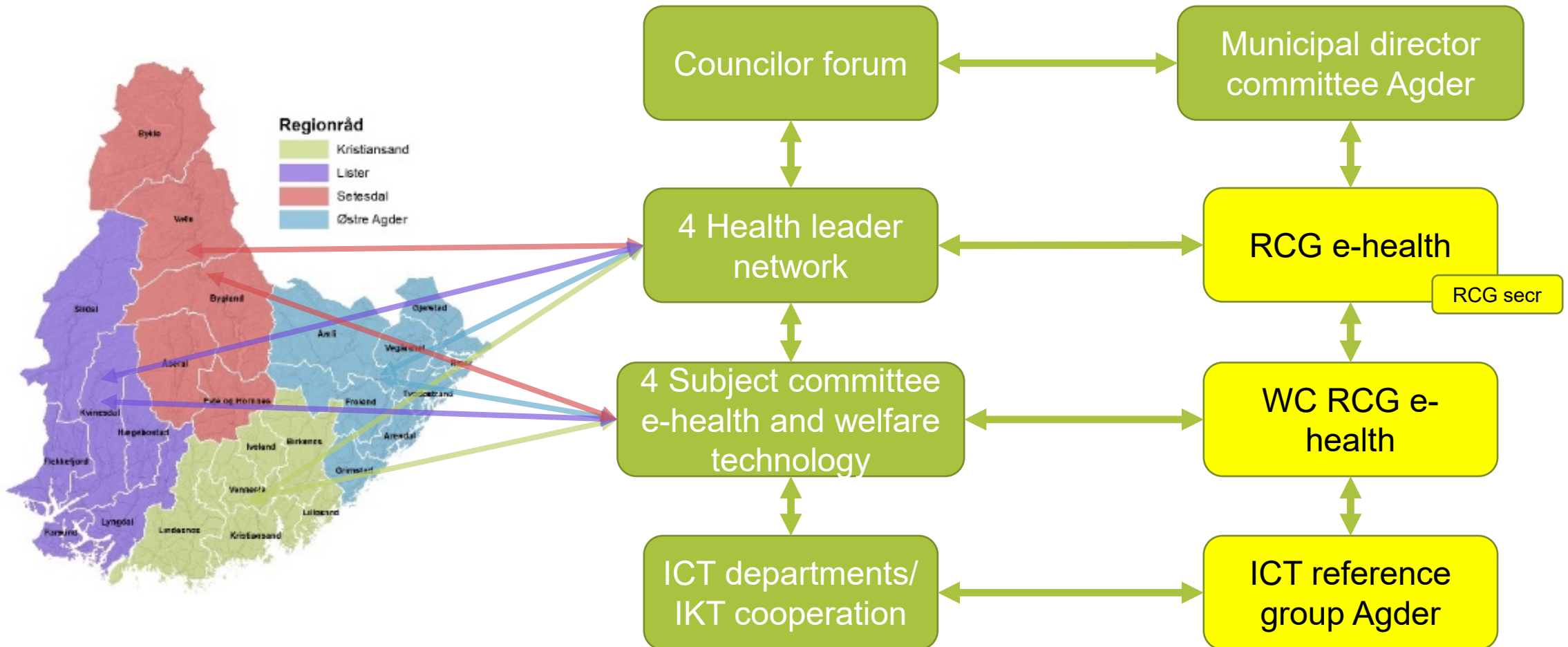
3. Successes

4. Challenges

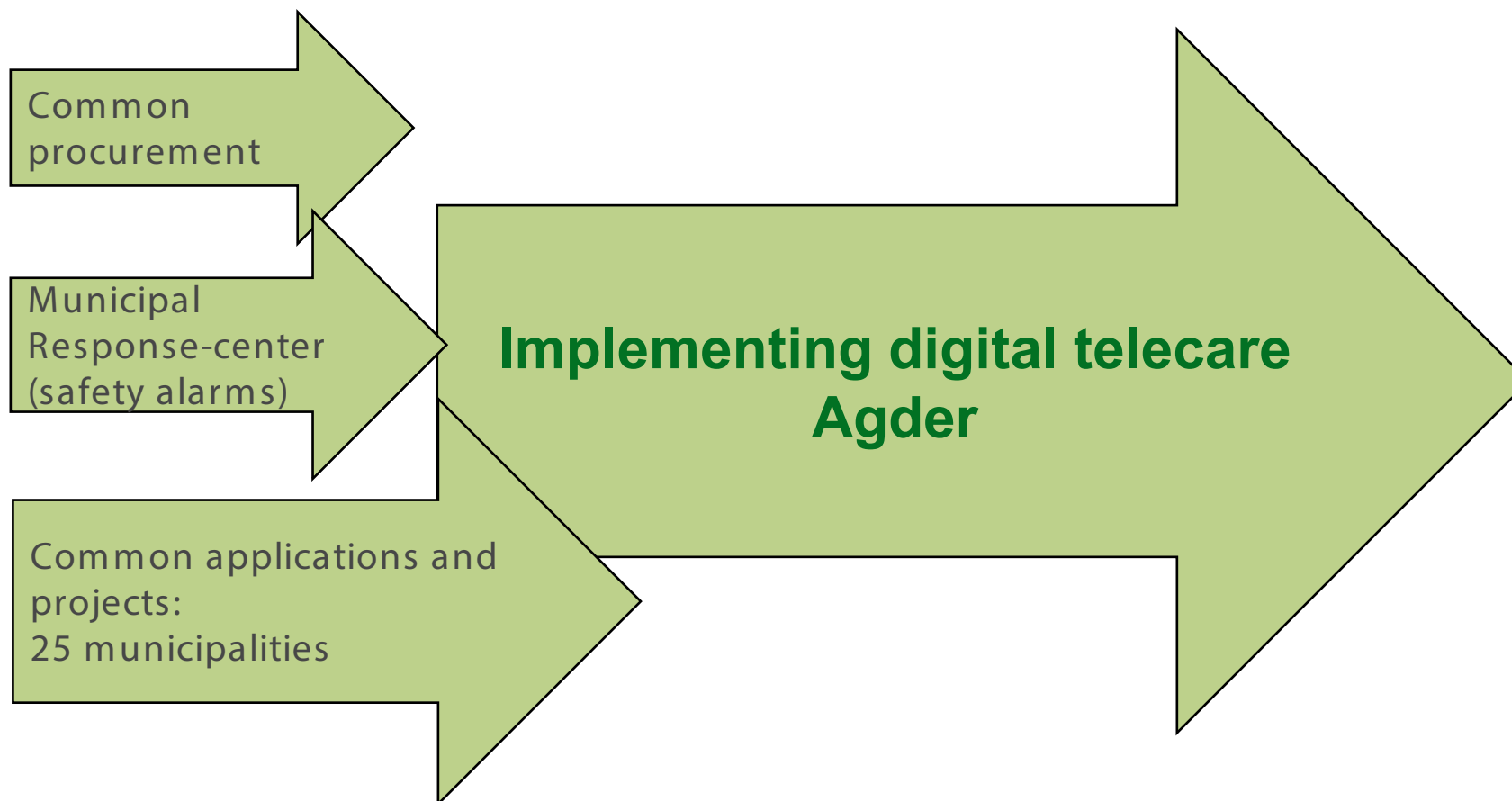
Agder strategy: From testing to large-scale operation



Regional coordination group e-health and welfare technology Agder - RKG e-health



Digital telecare Agder



Status digital telecare

- 5448 digital safety alarms in operation in Agder.
- Safety technology at institution/nursing homes:
 - 25 medical systems are in operation in Agder (in 15 municipalities)
 - A further 7 systems are under design and installation

Technology	Municipalities	Users
E-lock	5	482
Dooralarm	9	105
GPS	9	94
Bedsensor	7	19
Medicine dispenser	8	52



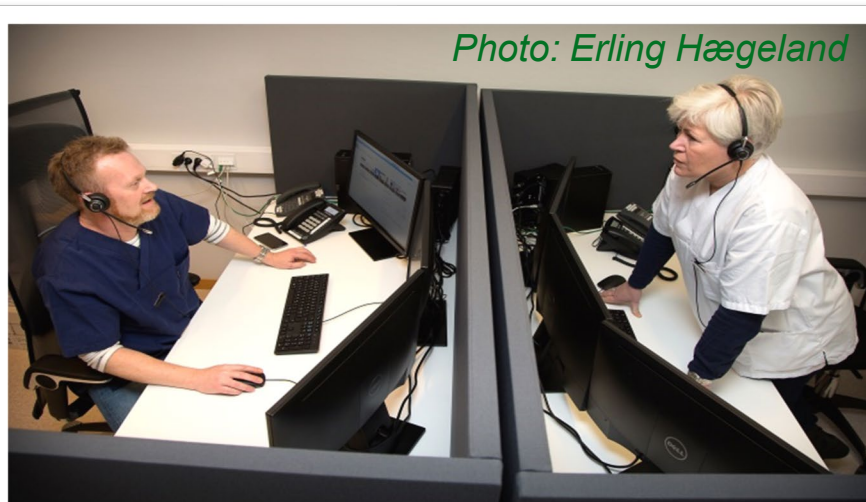
Municipal Response Center Service

Outcome:

- Users can stay safe and well at home longer
- Services that are more adapted to users' needs
- Personnel – less required

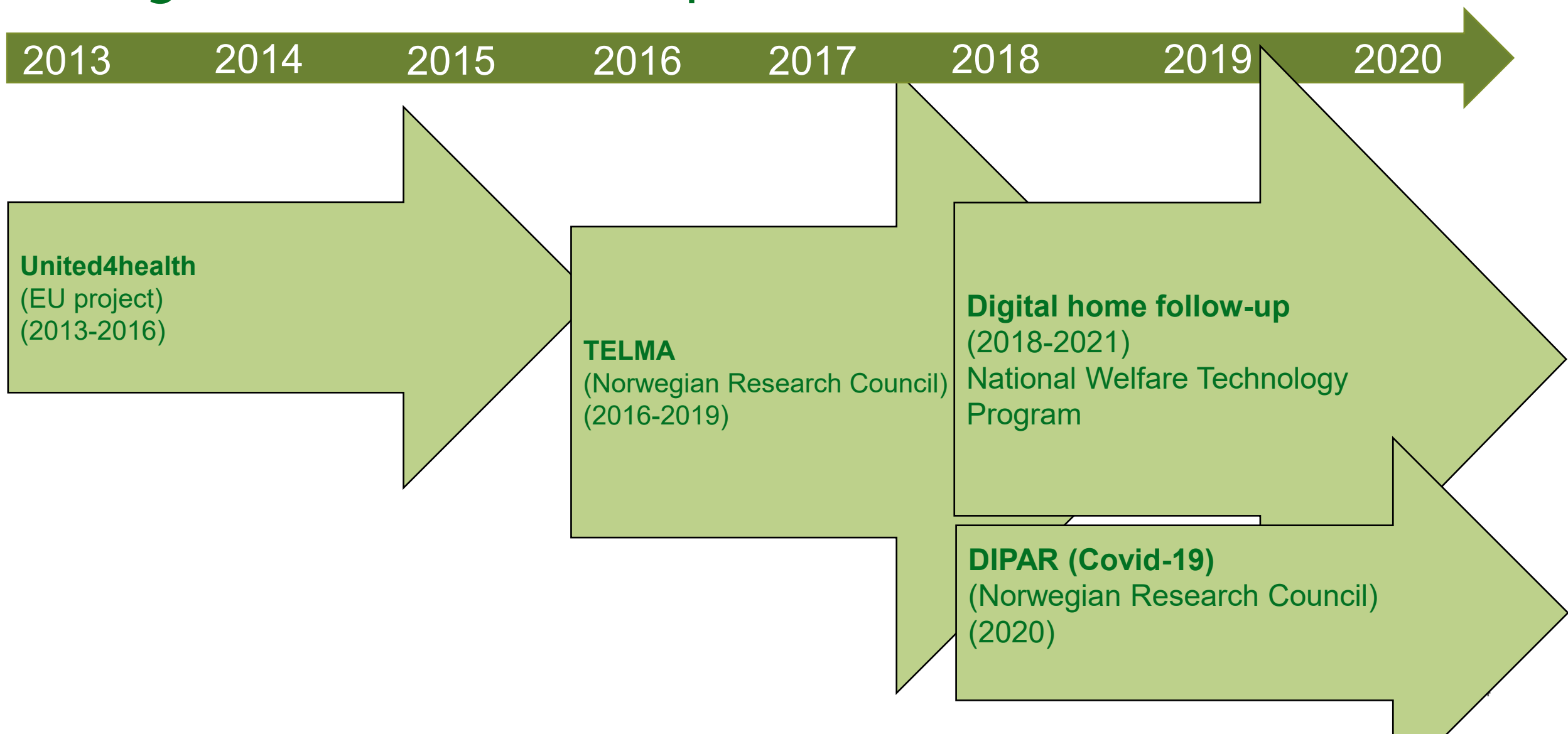
Status: over 13,000 users connected

- 30 municipalities with full response center service, digital telecare
- Receives alarms from Safety alarms and smoke detectors, door alarms, bed sensor, epilepsy sensor, etc.
- Prevents nearly 70-80% of the alarms from further actions



Digital Telehealth Agder

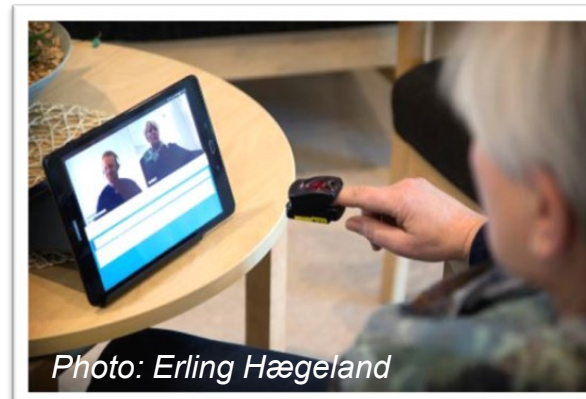
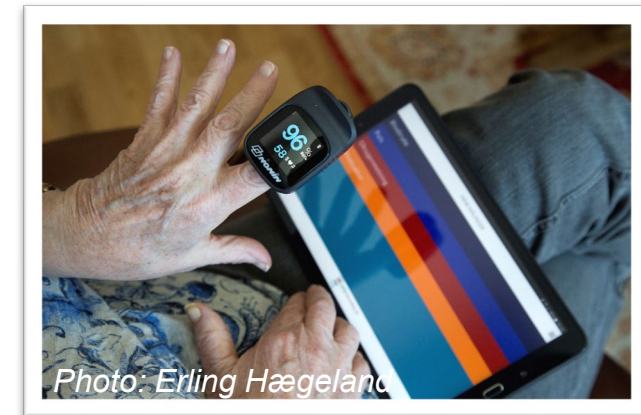
- Digital home follow-up



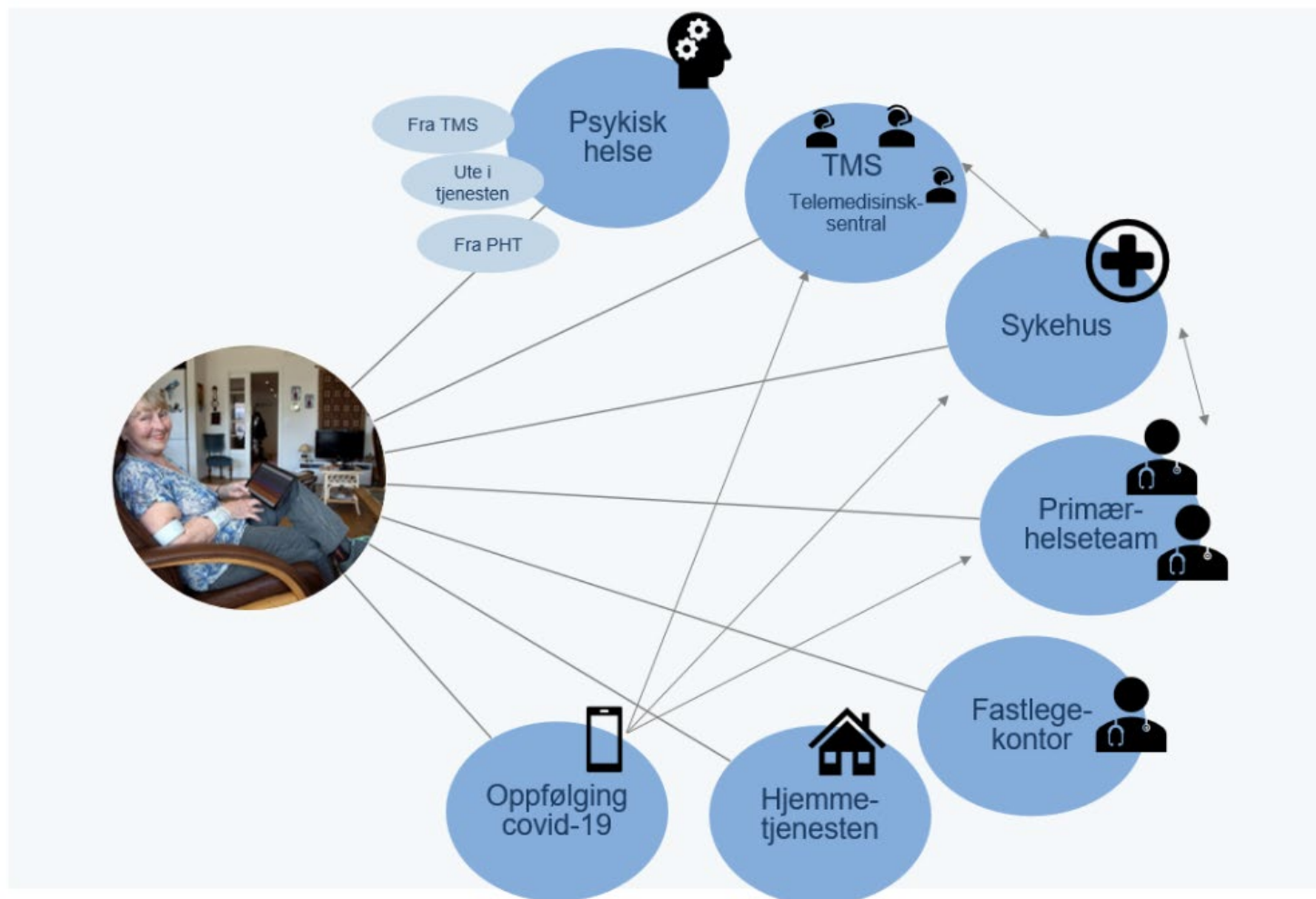
Telehealth - Digital home follow-up

Scheduled follow-up in their own homes, including people with:

- COPD
 - Diabetes
 - Heart failure
 - Multiple diseases
 - Mental Health
-
- Oct 2020: 170 included.



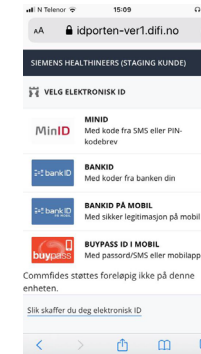
Telehealth - Digital home follow-up



Technological development Q3, Q4 2020



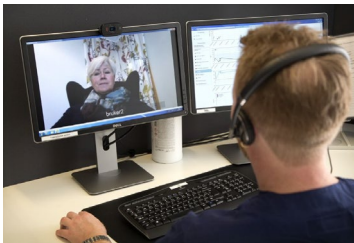
← From manual plotting of data
To automated processes →



Register personlige data

Fødselsnummer *	18079415142
Fornavn *	Test
Etternavn *	Testing
Adresse *	Gatenavn
Postnummer *	1487
Sted *	Hakadal
E-Post *	a@a.com
Mobil *	123456789
Fastleie	Dr. Dracula

[Send inn](#)



← From only stationary follow-up
To flexible follow-up in the
service →

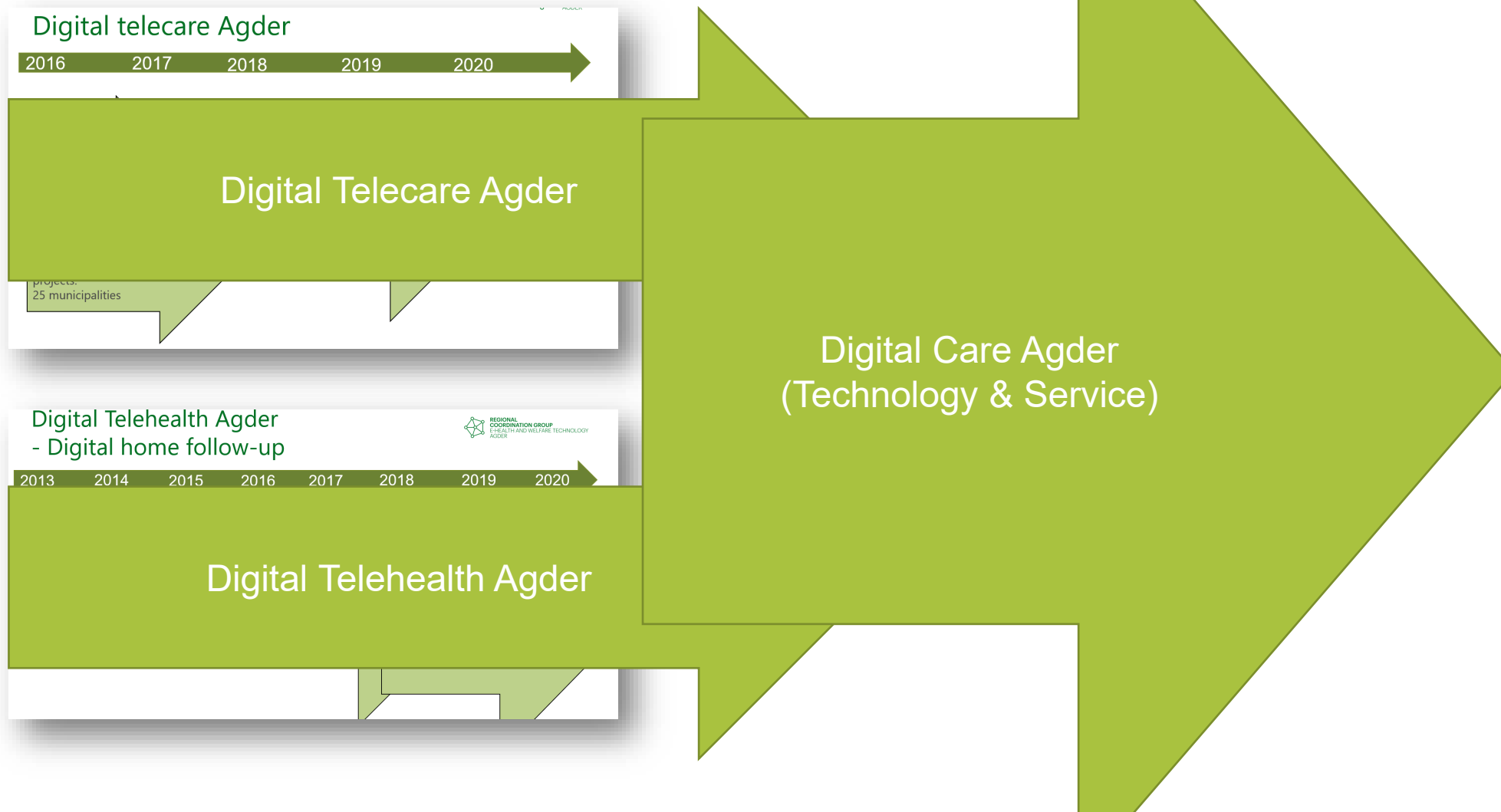


← From large KIT

To BYOD →



Comprehensive service model Agder



Agenda:

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3. Successes

4. Challenges

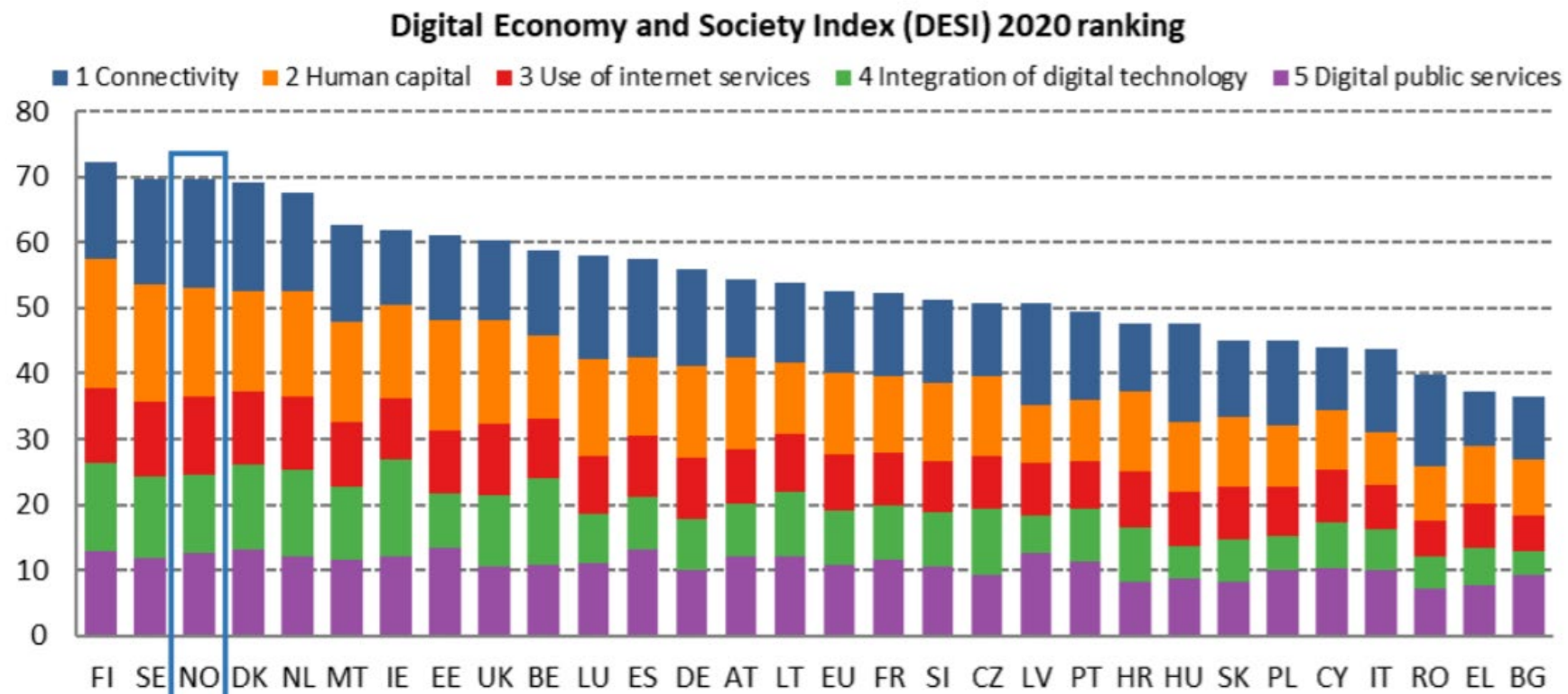
3. Successes

- National Welfare Technology Program



3. Successes


- National Welfare Technology Program
- Digital maturity in Norway.



3. Successes

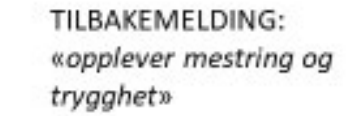
- National Welfare Technology Program
- Digital maturity in Norway.
- User involvement






Ny teknologi redder liv

3 Orustat har velferdsteknologi som redder liv for både pasienter og ansatte. Nærværelse på Perinatal ryddelighet og analyse av et infeksjons- og trykkløst liv. Så samarbeider Orustat med de 10 andre kommunene i Agder om velferdsteknologi.



TILBAKEMELDING:
«opplever mestring og trygghet»




Prøvekaninene

NYHETER

PUBLISERT: 22.12.2016 | OPPDATER: 04.01.2017


BRUKERE: Hans Jakob og kona Ragnhild Forseth er med på prosjektet Agder Living Lab. Hans Jakob er glad i å gå tur, men har demens. Han bruker GPS-en rundt halven når han er ute og rusler. (Foto: Ingrid Kvitrud)

Ingrid Kvitrud
Journalist




Tester teknologi som gir trygghet


Hjemmetjenester og sykehjem i Grimstad kommune fungerer som et levende testlaboratorium. Her er både sykepleiere, pasienter og pårørende med på å finne måtene å bruke velferdsteknologi.



SITAT: «overvåking med kjærlighet»



Sykkellav

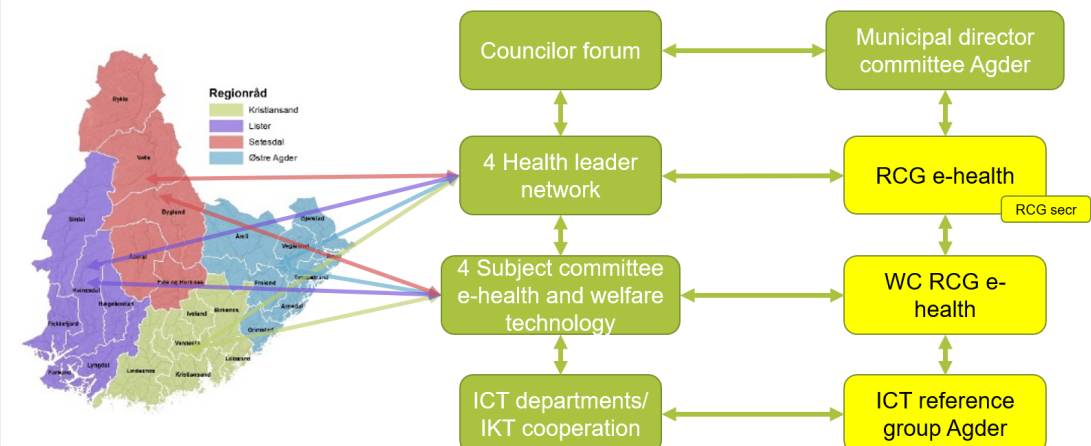


Utviklingscenter for sykehjem og hjemmetjenester i Agder

3. Successes

- National Welfare Technology Program
- Digital maturity in Norway.
- User involvement
- Regional structure to ensure involvement, anchoring and implementation
 - Joint procurements
 - Joint projects
 - Joint solutions

Regional coordination group e-health and welfare technology Agder - RKG e-health



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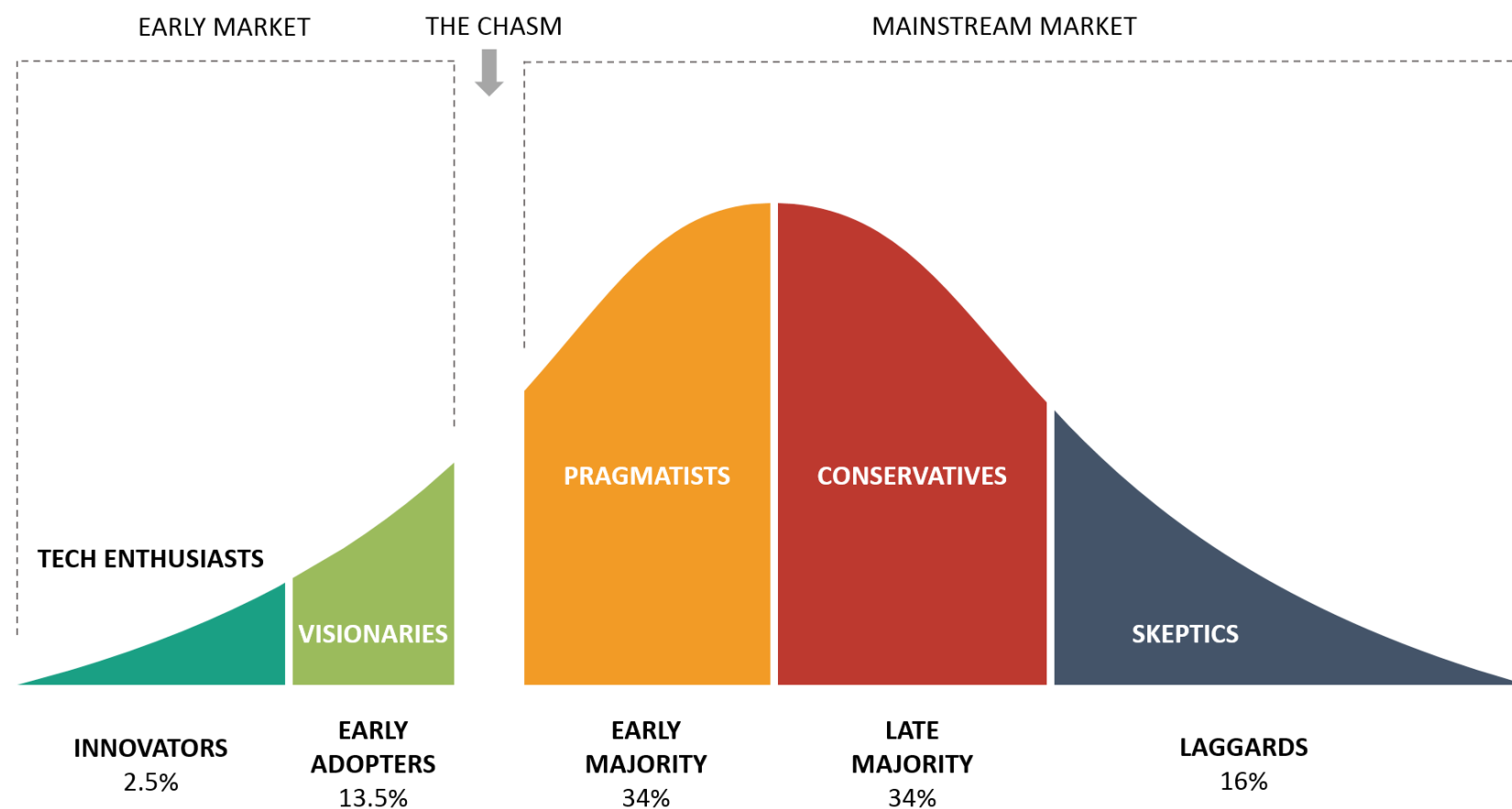
1. Digital telecare Agder
2. Digital telehealthcare Agder

3. Successes

4. Challenges

4. Challenges

- Frontrunners



4. Challenges

- Frontrunners



4. Challenges

- Frontrunners
- Scattered team
- Lack of Standardization
- Decision-making across silos, with different budgets.

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Thank you for your attention



**REGIONAL
COORDINATION GROUP**
E-HEALTH AND WELFARE TECHNOLOGY
AGDER