i4Helse
Idea – Involvement – Innovation – Implementation
I4Helse = Cooperation!

- Academy, incl. students
- Industries, incl. SMEs
- Users, incl. representatives
- Orderers, incl. specialists
- Public-sect. institutions, incl. local and national ones
- Clusters and ecosystems
- International partners
I4Helse is... 
✓ A meeting place for all working with health-/welfare technologies
✓ A facilitator of complex, infrastructural projects
✓ A laboratory for the development of tomorrow's health care solutions
✓ A teaching center that accelerates effective implementation of new technologies
Development goes very fast!

Sensor technologies

Data aggregation, analysis, synthesis, security and «sense making»

Treatment
Cobotics: humans and robots working side by side, emerging practices in industries, health and welfare
Campus Grimstad – a co-creation arena for need-driven innovation

**i^4 Helse Lab**

**Convergence around:**
- Robotics
- Artificial Intelligence
- Remote sensors and intelligent networks
- Human computer interaction/usability
- Data security

**Mechatronics Innovation Lab**
Facilities and resources

- Home simulator
- Patient treatment lab
- Usability lab
- Robotics lab
- Movement lab
- Human-Computer Interaction lab
- Test and certification centre
- Incubator and cluster offices
- Resource centre
- UiA student entrepreneurship arena
Directions and services

- Home care services
- Physio- and ergotherapy
- Health services across
- R&D-dep. and development centre
- Supervision services
- Ordering section
- Design teams shaping
- Demonstration area
From idea to implementation: phases and teams under one roof

**idé**
- What is the idea? (as concrete as possible)
- Are there any similar ideas? Patent check, etc.
- What are the possibilities for use? Who will experience this as a good solution?
- Organisation of efforts and competencies needed to develop and test the idea best

**involvering**
- Design and assembly of the testing team: patient groups, municipalities, specialists, researchers, entrepreneurs, other
- Early concept testing, proof-of-concept, data collection
- Quick rounds with improvements/adjustments

**innovasjon**
- Continuous cross-check for compatibility, modularity and design adaptations with existing infrastructures
- Usability testing
- Preliminary design and development of a proper business model and socio-economic analysis
- Extension of network connections and anchoring of the solution within user segments

**implementering**
- Gradual transition from the laboratory to real conditions
- Polishing the best version of the solution
- Generating and sharing of new knowledge about emerging skills that the solution causes
- Marketing and communication strategies
- Follow-up research around user patterns
- Impact analysis

**Tilbaketemelding som læringsressurs**

**Ferdig løsning ute i verden**
Variation of courses

Expected education directions include
✓ Practical transdisciplinary skills
✓ User skills
✓ Professional skills and specialisations
✓ Soft and personal skills
✓ Creative thinking skills
✓ Cooperation skills
✓ …and other, emerging skills
✓ Methods for skills building

Expected professional training offers include
✓ Health- and welfare knowledge
✓ Organisational knowledge
✓ IKT-knowledge and «computational thinking»
✓ Business-model knowledge
✓ Knowledge about contexts
✓ Knowledge across professional environments
✓ …and emerging knowledge
✓ Methods for knowledge building

Recipients of the course offerings can be the cooperating parties within i4Helse …and residents/common citizens…
International network

Scotland

Denmark

Netherlands

Belgium

+ communication with more partners takes place
21 December 2018: the building of I^4Helse is ready

30 August 2019: I^4Helse opens its doors for everybody