

Realitylab

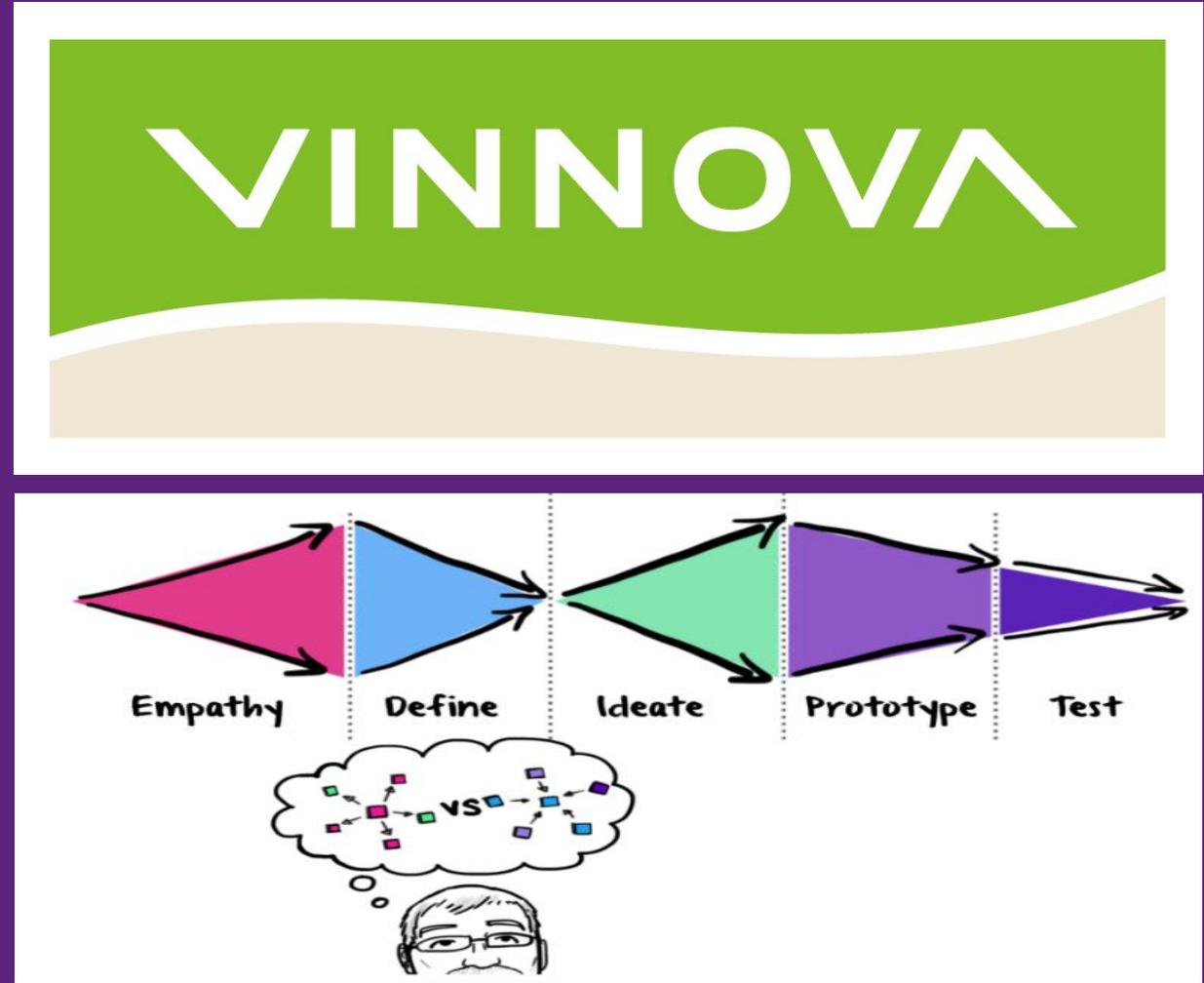
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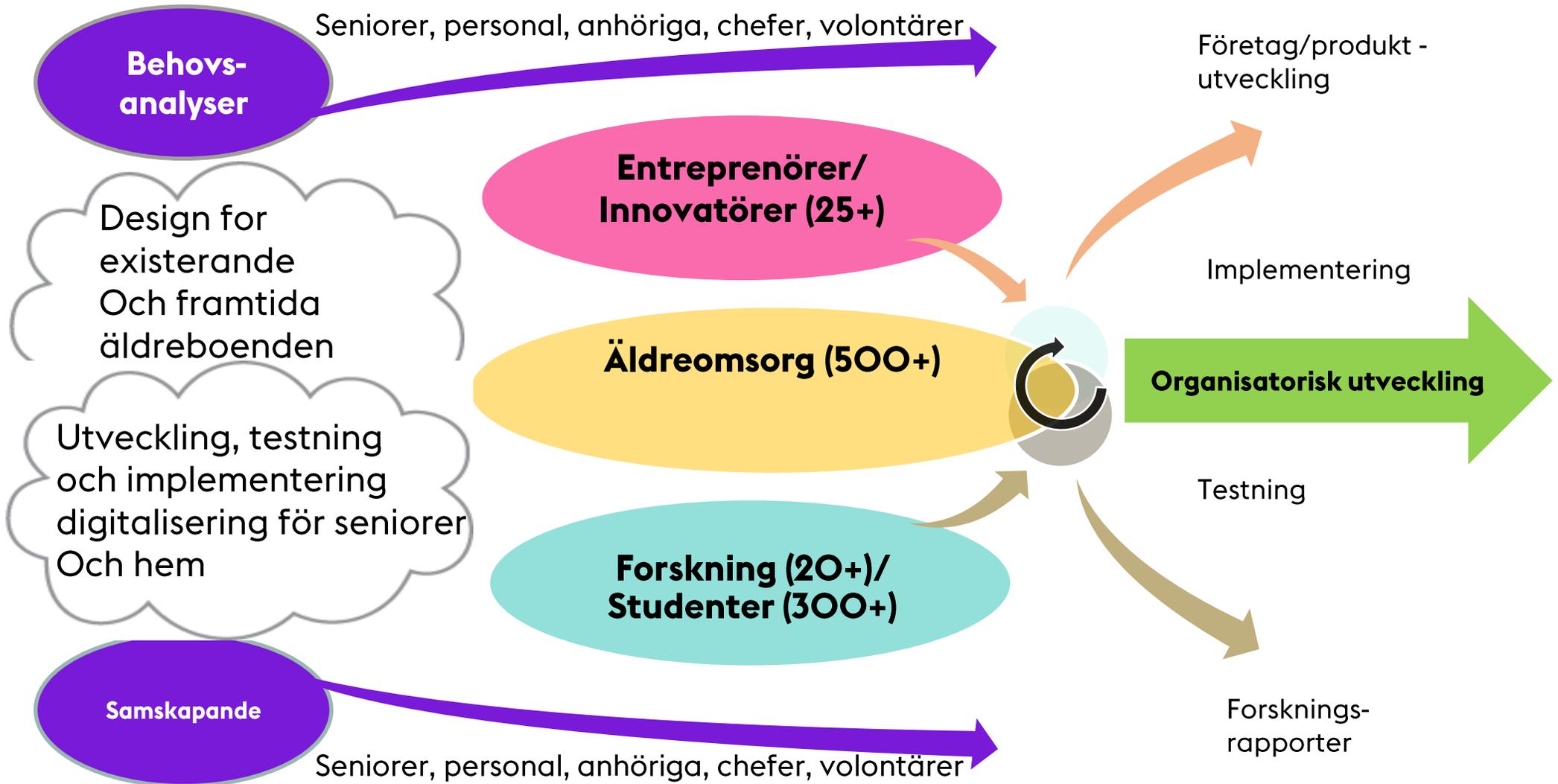


Realitylab

- 2017
- An arena for elderly, relatives, staff, researchers, students, entrepreneurs
- Steering group
- Co-creation with endusers
- Design thinking
- www.verklighetslabbet.se



Processmodell



POSITIVE – randomised controlled trial

- International collaboration, Poland, Spain
- Target to recruit 150 participants
- Collaboration with primary care center
- Digital solution for health and wellbeing for elderly
- Realitylab contributed as testleader, seminarleader for elderly and staff about fragility



<https://ki.se/en/nvs/positive-maintaining-and-improving-the-intrinsic-capacity-involving-primary-care-and-caregivers>

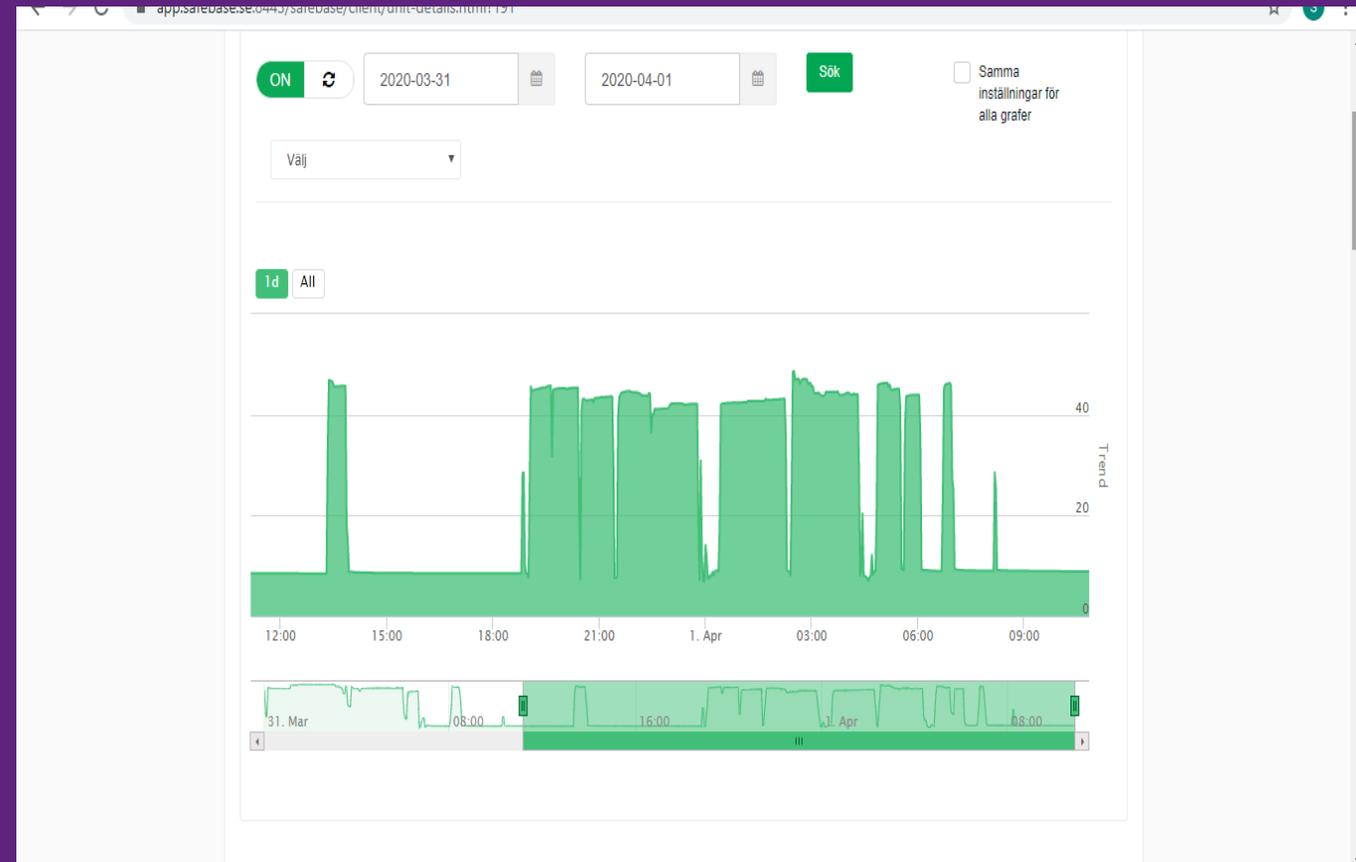


Needs of more knowledge

- Clarity and safety collaboration using digital solutions for elderly by different actors, primary care center, nursing home etc
- Easy understanding and use of technical devices to maintain health for elderly in their own household
- How digital assistants for elderly in their own household

Sensors for safe sleeping

- Tested in nursing home 2018-2020
- Tested in service house 2021-2022
- Development of product – fifth wheel
- Detecting moving patterns
- Individual alarm settings related to level of physical function



<https://www.safebase.se/>



Needs for further knowledge

- Clarity regarding login guidelines and legislation
- Secured system for incoming information
- Movement patterns and errors – ensure that the staff's analysis of incoming information is correct and is not affected by other factors.
- Need of ensuring correct detections of movement patterns regardless of using for an example a pressure-relieving mattress.
- Research for evidence regarding working environment, safe and secured sleeping

PU sensor: project started 22-03-10



Prevention for pressure ulcers

- Project in 2 city district
- Classified as a medical product, class 1.
- Complement for subjective assessments
- Purpose for testing is to investigate userfriendly as a product, workmethod, safety.



<https://pusensor.se/>



Need for more knowledge

- A broad market of various different digital solutions – not easy to know which product is most useful in different settings.
- Product has a need to be compatible for existing platforms

Other needs of interest:

- Digital support and use for documentation everyday life for elderly
- Support/understanding/learning about flows and logistic at elderly homes
- Pandemic – digital solutions that creates safety, safe visiting, infection control
- Air and sound – solutions for healthy living- and working environment

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