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Housing and Technology - Part 2 - Users perspective

EKTG Webinar November 11, 2020

Technology is changing our lives rapidly.

change takes place in all phases of life.

technology increasingly influences

our living at home

our daily way of life

our health well-being

our communication

Managing our living at home

on site + from outside = "Internet of things"

for example:

- check fridge operation and content control
- control washing machine & tumble dryer
- control cooker & oven
- opening and closing doors and windows
- light control

Managing our living at home

safety aspects

**control from close and range from a distance
via language and manual input:**

- **mobile alerts**
- **taking a picture on site**
- **continous monitoring**
 - fire**
 - water**
 - burglar**

Managing our daily way of life

household tasks support

through robotics & intelligent digital solutions such as movable

- cookers
- cupboards
- curtain rails etc

or for

- tidying up
- cleaning

Managing health & well-being

cameras, objects & fabrics recognise and measure

- blood pressure
- breathing difficulties
- body temperature
- heart rate

digital support is used to

- detect falls
- locate people (important for people with dementia)
- mobilise help if necessary

Managing personal communication

by social networks & apps on
mobile devices
computer etc.

privat contacts
family & friends

ordering services
e.g. craftsmen

ordering things for daily life
e.g. food, clothes, cosmetics etc.

Important:

need of a International legal framework

focus: who is legally liable for problems?

Future

Users will decide what to use and what not

therefore:

- **users should be informed and asked for their opinion**
- **users should be able to participate in decisions**
- **technology fairs and information events should generally be opened to users**



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Thank you for for your attention!

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