



REAL-WORLD INCLUSIVITY CHALLENGE

Accessing the Environment Without Vision or Hearing

The Challenge

Find innovative ways of enabling people with sensory impairments to live more independent lives and thereby experience quality of life. Apply the Principles of Universal Design to help the broadest possible audience.

The Problem

People who have both a vision and a hearing impairment experience difficulties in accessing the environment – i.e. knowing what and who is around them, and where things are. This presents challenges in situations like:

- Realizing that a person is approaching
- Recognizing other people
- Recognizing familiar objects – for instance, your family’s car or cat
- Finding the “queue numbers” at the pharmacist – and knowing when it is your turn
- Finding your way in large buildings, train stations, etc. to the right room or platform
- Knowing what is in the fridge – and how old it is

Target group

This target group consists of more than 10,000 people in Denmark. The majority are over the age of 80. Some communicate through sign language. Solutions to this challenge may also be useful for people who only have an impairment of either hearing or vision.

Case owner

Ole E. Mortensen - Center for the Deaf. Contact at oem@cfid.dk or +45 2120 2179
CFD is Denmark’s leading expert on and supplier of support and counseling for adults with vision and hearing impairment. Read more at www.cfid.dk

Interested?

If you want to work with this challenge, please contact Ingrid Haug, Innovation Consultant at DTU Skylab at ingha@dtu.dk or +45 3145 0500.

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