



Technology **Leaving
No One Behind**



Communication with little or no hearing - and no vision to help

The Challenge

People with a hearing impairment or who are deaf rely to a great deal on their vision in communication. If their vision is also impaired it becomes very difficult to communicate and to perceive auditory information.

The Problem

Having this issue provides challenges in situations like:

- Understanding what is said in the PA system at train stations about platform changes etc. and realizing that you need to try to look at the information signs.
- Understanding the mood, humour etc. of the other person in a video meeting when you cannot see the facial expression or hear the nuances in the voice.

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.

The Goal

The goal of this challenge is to find innovative ways of enabling people with sensory impairments to live more independent lives and thereby experience more quality of life.

Case Owner

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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 in a project, or know more, please contact:

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Read more about the DTU Skylab powered Technology Leaving no one Behind here:

<https://www.skylab.dtu.dk/Programmes/Technology-leaving-no-one-behind>