

# Safe auditory environment

Increasing awareness on the role of sound for people with severe visual and intellectual disabilities through MoSART

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## Aim of the project

People with visual impairments rely more on the sound in their environment to understand their surroundings. Especially when a visual impairment is accompanied by an intellectual disability. Royal Dutch Visio wants to increase the awareness on the role of sound amongst direct support professionals (DSP) through an implementation project in the course of 2017 and 2018. The MoSART application is used in this project.

## Results of MoSART

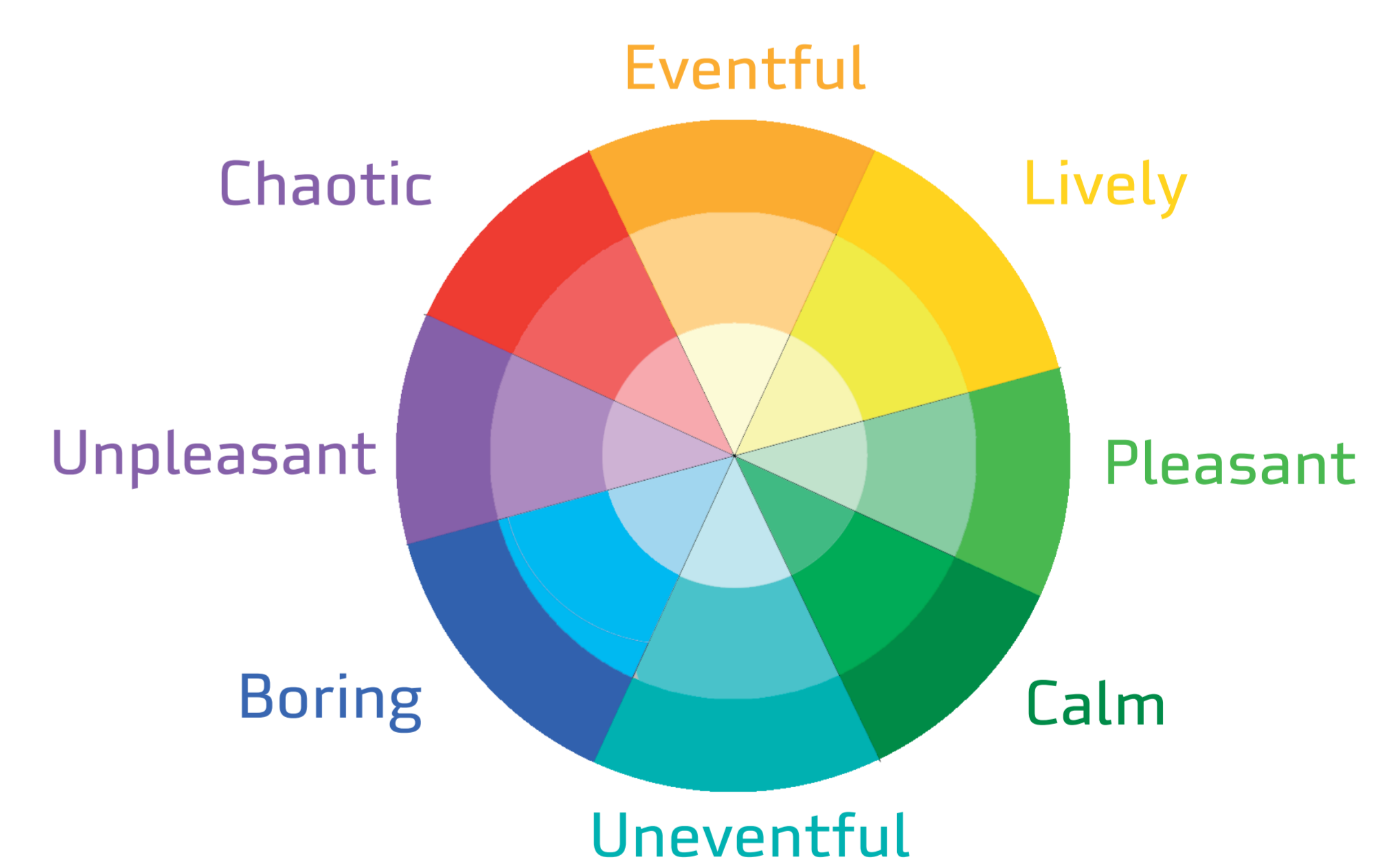
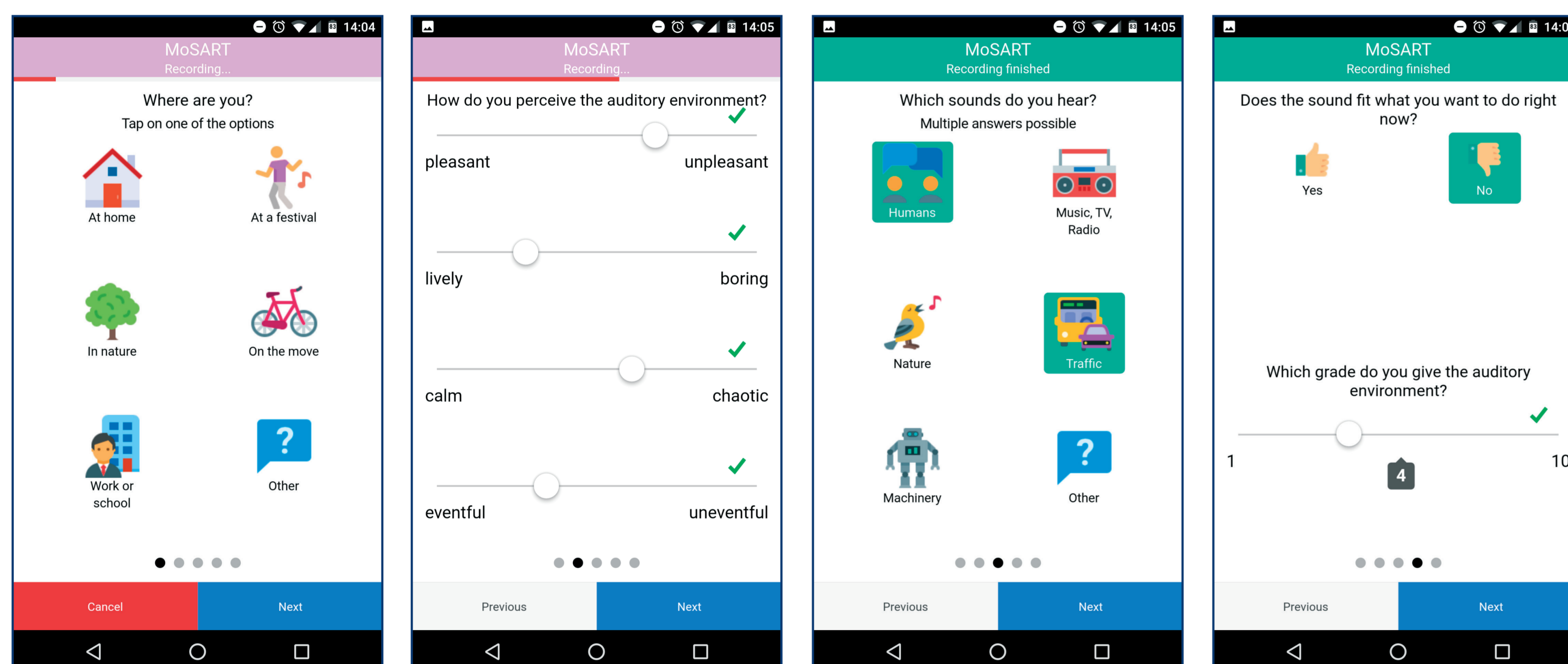
MoSART (Mobile Soundscape Appraisal and Recording Technology) is a smartphone application created for DSP within special needs care. MoSART makes a Soundscape, DSP's answer in a short questionnaire and qualify the auditory surrounding out of 8 categories.

Research on MoSART<sup>1)</sup> has shown that the use of the application leads to:

- increased awareness of the auditory environment
- improved quality of the auditory environment
- decrease of negative moods and challenging behavior displayed by clients



You can close your eyes, but not your ears!



## Implementation

A six weeks implementation cycle takes places at units ( $\pm 65$ ) for people with severe visual and intellectual disabilities, within three domains (Residential, Daycare, and Education), spread over eight locations throughout the Netherlands.

<sup>1)</sup> van den Bosch, K. A-M. (2015). Safe and Sound: Soundscape research in special needs care [Groningen]: University of Groningen

1. Educated attention officer at every location
2. E-learning for all direct support professionals
3. 1th measure moment at unit
4. Team meeting for improvements and interventions
5. 2nd measure moment at unit
6. Evaluation