

## Voices of Users:

### Advantages



**Ms Fink**

- ... **Transferring back to the wheelchair is easier because standing up is supported (moving up, tilting forward)**
- ... **I can operate the flush independently; (a feeling of happiness)**
- ... **Grab bars on both sides are useful for the transfer**

## Voices of Users:

### Advantages



**Ms Fink**

- ... Useful adjustments so to activate the muscles during toileting because of feet having contact with the floor
  
- ... Useful adjustment for transferring from the wheelchair to the toilet and back again

## Voices of Users:

### Changes/Wishes



**Ms Fink**

- ... A great thing, but the toilet has to adjust to my needs in advance
- ... Locking the door via the remote control would be beneficial
- ... Grab bars should be adjustable in height and distance from each other

## Voices of Users:

### Changes/Wishes



**Ms Fink**

- ... From my point of view adjusting the toilet in very small (cm) intervals is not necessary, maybe some 5 positions for height and tilt suffice.
  
- ... A bar that goes across the whole width of door instead of just the door handle to close and open it (ÖNORM)

## Voices of Users:

### Changes /Wishes



**Ms Fink**

- ... Enough space to use the toilet from both sides

**!!! INSIGHT !!!**

**Such a toilet would have delayed the limitations that my independence suffers from!**

## Voices of Users:

### Advantages



**Ms Adolf**

- ... Independence in pressing the alarm button (call for support) – that makes me happy!!!
  
- ... Feet have contact with floor = safety!!!

## Voices of Users:

### Changes/Wishes



**Ms Adolf**

- ... Remote control → big – square – concave buttons
- ... Grab bars adjustable in width
- ... For people with a instability in her upper body some sort of guidance or support on the side would be of advantage = safety!!!
- ... Speech control

## Voices of Users:

### Changes/Wishes



**Ms Adolf**

- ... Care-persons have an easier time helping with the transfer → more safety and also physical relief for the care-person



## Voices of Users:

### Advantages



**Ms Freist**

- ... A great thing because of the grab bars for independent transfer (faster and more safe).  
The stress reduction makes me feel happy!!!
- ... Possibility to adjust the toilet
- ... Contact to the floor!!!

## Voices of Users:

### Changes/Wishes



**Ms Freist**

- ... **Pre-setting for personal needs would be great because I could use the toilet faster!!!**
- ... **Music**
- ... **Automatic door and light (which is on long enough)**



**Mr Schlathau**

## **Voices of Users:**

### **Advantages**

- **... Finally an attempt to partially solve day to day problems of persons with limitations**
- **... Inclusion of users and care persons**
- **... A lot of possibilities for adjustment**
- **... Multifunctional input possibilities – remote control, speech**
- **... Storing of relevant user data to shorten the process of toileting**

## Voices of Users:

### Changes/Wishes



Mr Schlathau

- ... **Speech-control – Languages, commands?**
- ... **Possibilities of input commands – Keys, Touch screen - Hygiene ?**
- ... **Issuing alarms via intercom**
- ... **Issuing alarms with self confirmation**
- ... **Door lock – during alarm ?**
- ... **Failure of system – how much of the system is still functioning?**

## Voices of Users:

### Changes/Wishes



**Mr Schlathau**

- ... Toilet should be accessible/usable from three sides for wheelchair users
- ... FRR has to provide space for users with electrical wheelchairs and their care persons (public space)
- ... Hygiene aspects for FRR and its users – solutions?
- ... Support for transfer – solutions?
- ... Self cleaning toilet? – for public space

## Voices of Users:

### Changes/Wishes



Mr Schlathau

- ... The present results of the project form a basis for further development
- ... Binding implementation of FRR outcome on local, national and European level

## Voices of Users:

### Changes/Wishes



Mr Schlathau

### !!! INSIGHT !!!

- ... The realisation of the FRR concept is a 'win-win' solution for users (staying independent for a longer time) and their care persons (reducing physical strain e.g. of the back)

**= economic advantage!!!**

## Voices of Users:

### Advantages



Ms Pauli, Ms Rosenthal and care-team

- ... Finally those are asked who daily face the respective situations and problems
- ... Physical relief of the care personal because of height adjustment
- ... Being able to move away the grab bars is an advantage because one gains space



## Voices of Users:

### Advantages



**Ms Pauli, Ms Rosenthal and care-team**

- ... Door handle can be used with the elbow, too
- ... Safety for the user because of the grab bars on each side
- ... Additional alarm system in case of fall

## Voices of Users:

### Changes/Wishes



**Ms Pauli, Ms Rosenthal and care-team**

- ... The mounting of the remote control in its present form is only usable when the grab bars are in horizontal position
- ... The mounting of the toilet paper in its present form is only usable when the grab bars are in horizontal position
- ... The washbasin is too big – consumes too much space and one hardly reaches the taps

## Voices of Users:

### Changes/Wishes



**Ms Pauli, Ms Rosenthal and care-team**

- ... A small hand operated shower for intimate hygiene
- ... Fittings (e.g. tap) with sensors
- ... There has to be sufficient space around the toilet  
(accessible from 3 sides, enough space for assistive devices like lifter and support for standing up)
- ... Speech control

## Voices of Users:

### Changes/Wishes



Ms Pauli, Ms Rosenthal and care-team

- ... Some space to put personal belongings would be needed (for catheter, incontinency material..)
- ... Verbal guidance through toileting process
- ... It should be possible to cancel an alarm – e.g. in case of a false alarm)
- ... If the toilet is not in an institution there has to be some automatic cleaning and disinfecting of the toilet

## Voices of Users:

### Changes/Wishes



**Ms Pauli, Ms Rosenthal and care team**

### **!!! INSIGHT !!!**

- ... FRR offers persons who, in my point of view, are dependent on help, the possibility to discover own resources which mean independence for the person
- ... but it also provides the possibility to keep resources and independence for a longer time (rehabilitation)