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#### MÁRIO

riding a bike, running on the train rails and washing castles of dishes

### BINA

playing basketball and handball, ballroom dancing and traveling with friends

### LAURA

crochet, sitting on the esplanade to enjoy a coffee and to talk with friends

### SUSANA

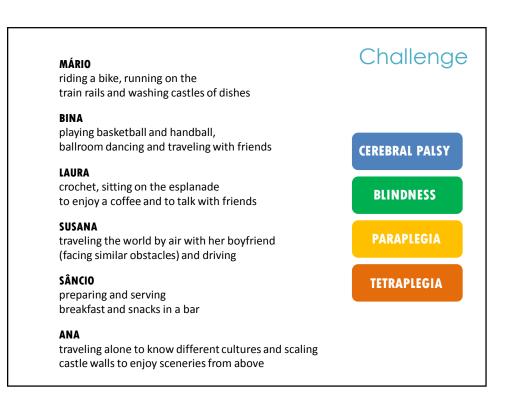
traveling the world by air with her boyfriend (facing similar obstacles) and driving

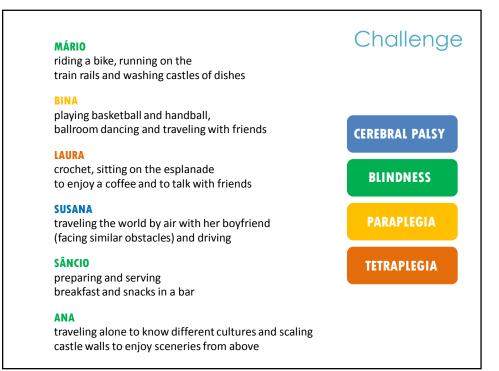
### SÂNCIO

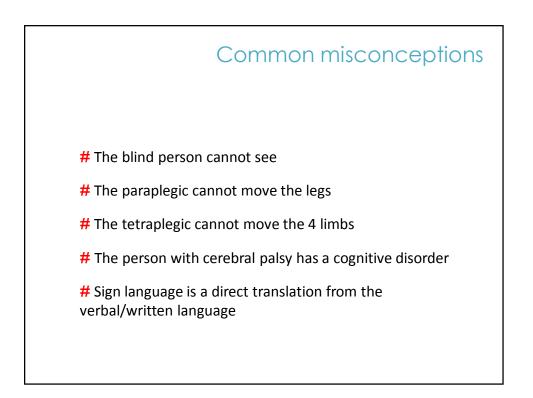
preparing and serving breakfast and snacks in a bar

### ANA

traveling alone to know different cultures and scaling castle walls to enjoy sceneries from above







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## ... can lead to inappropriate actions

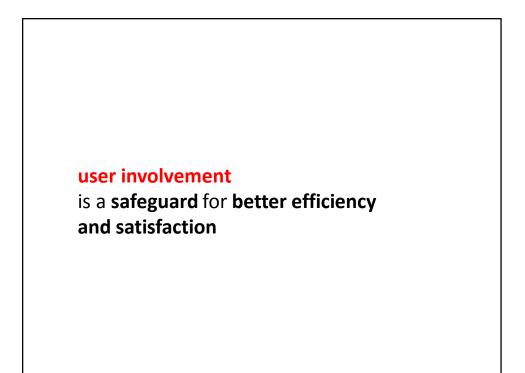
"I got to the airport and the staff insisted on accommodating me on a wheelchair. I'm blind but I have legs!"

"People see me in a wheelchair and start talking to me very loudly as if my limitations are not only mobility related"

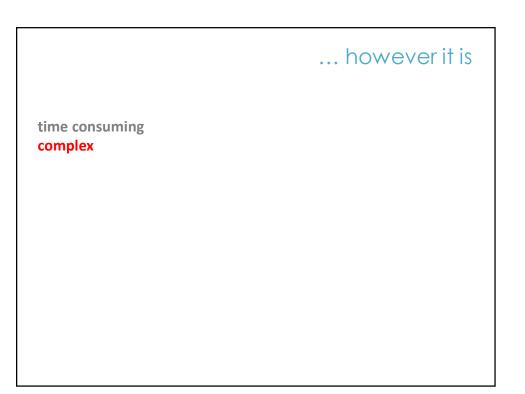
Especially for those people whose first language is sign language, reading can be a very challenging task.







	however it is
time consuming	



## ... however it has

time consuming complex communication challenges

... however it has

time consuming complex communication challenges organizational difficulties

# hinders in user involvement

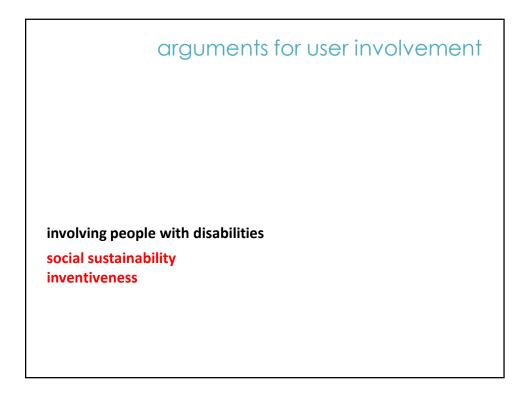
time consuming complex communication challenges organizational difficulties

overall

### hinders in user involvement

time consuming complex communication challenges organizational difficulties

overall involving people with disabilities



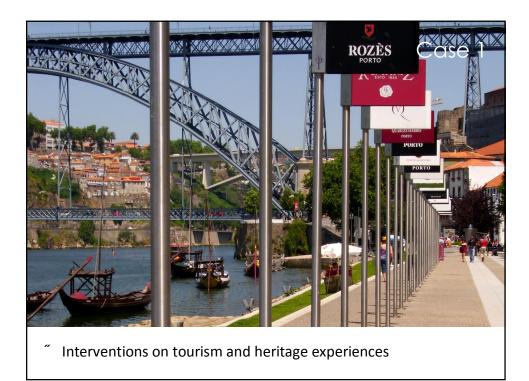


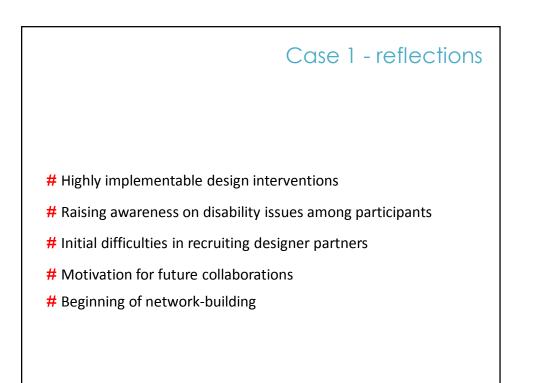










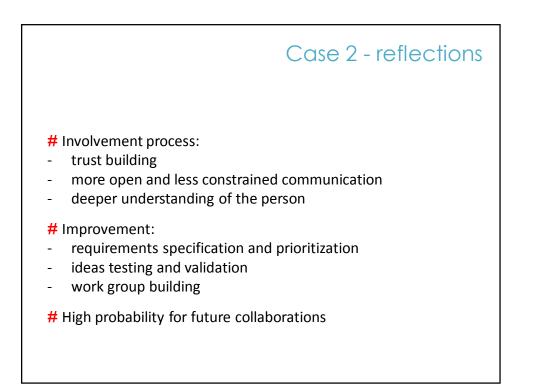






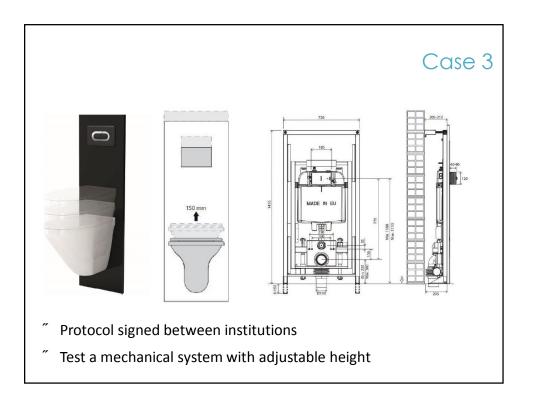
- <sup>27</sup> Exploratory/experimental research
- Active participation with people with mobility impairments in sports activities





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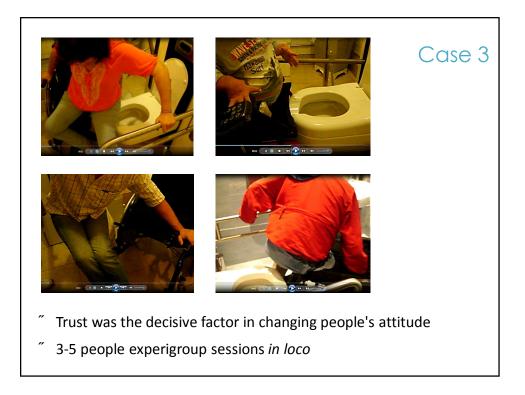












# Case 3 - reflections

### # Trust:

- important factor for the success of this study
- worked directly and indirectly

**#** Data gathering:

- authorized video recordings gave a broader understanding
- people were motivated to continue
- some users gave access to their home bathrooms for research

# Playful methods of involvement are highly effective





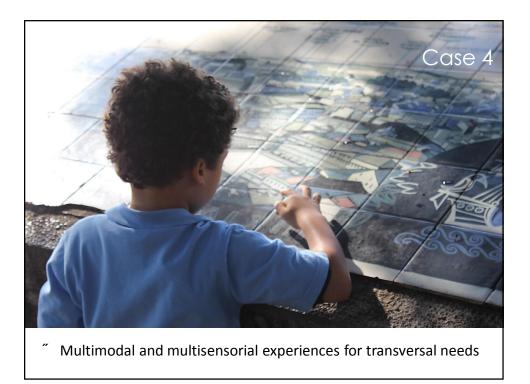
<sup>"</sup>Guidelines for inclusive experiences in museums and heritage site



- and cognitive disabilities
- " Experiences in loco followed by focus groups



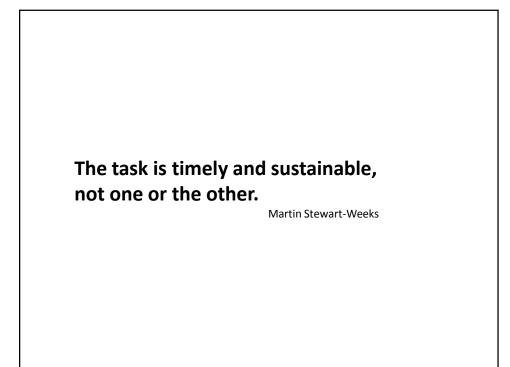
- " Involvement of families
- " Conciliate autonomy and shared experiences





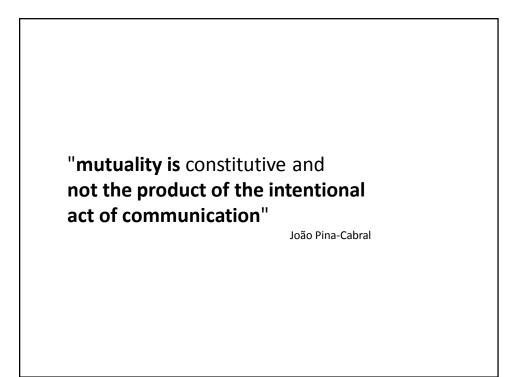
- # Recognition of past projects regarding accessibility and inclusion of people with disabilities
- **#** Throughout the involvement process:
- family, friends and group experiences contributed to initial motivation
- hands-on experiences held motivation
- group approaches led to a variety of perspectives
- # Broadening network within users and designers sustains future collaborations

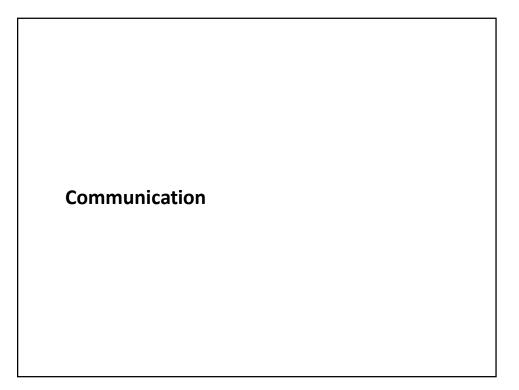




Time & organizational issues

Complexity





Involve and be involved

