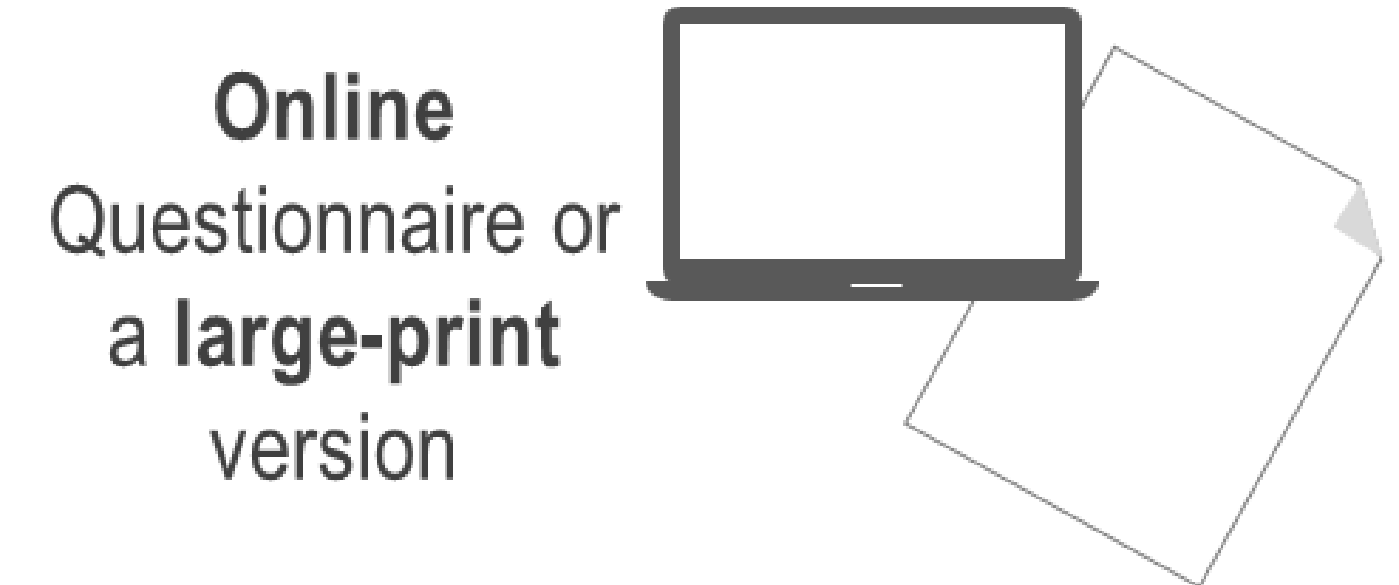


# physical Inclusion in the built environment

Feeling **safe and comfortable** in a space depends on a great number of **tangible and intangible factors**, some of which are not obvious and not recognised

Understanding home - common areas - urban surroundings as an **interconnected, multi-levelled space**, that needs to be studied as such. The presence of a barrier at any level, **limits the overall level of independence** of users.

## 1<sup>st</sup> Stage Survey



This will allow the researcher to have a **general appreciation of the level of satisfaction** the end-users have with their space. The results will be used to **identify possible incompatibilities between the physical space and the users' needs**, which will be further evaluated in the next stage.

## 2<sup>nd</sup> Stage Interviews

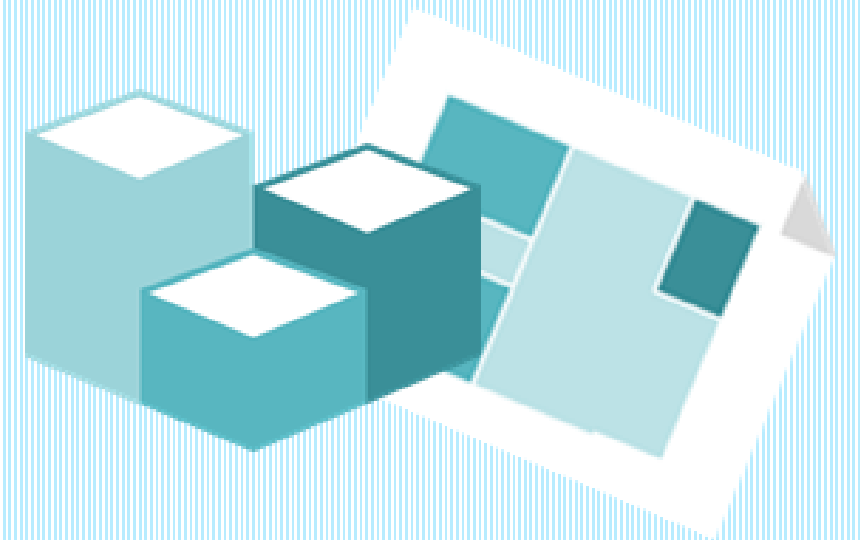
This stage will focus on **capturing the view of end-users that have additional support needs** (disabled and senior residents, families with small children, pregnant women, residents with temporary impairments, etc.), as they have a **unique way of experiencing the built environment and are more vulnerable to physical and social barriers**.



### Go-along Interview



Photo-voice  
Follow up interview using photo elicitation



Evaluation of the composition of the built environment  
Design vs current state

Are the lifts in working order?

Do I have enough space at home to do my daily activities?

Is there a convenient play area, at a reasonable walking distance, where I can go with my children?

Is it easy to move around my neighbourhood?

Is it common to find rest points that provide somewhere to seat?

Is the time given by the light enough for me to get to the other side?

Do I have a bus stop at a reasonable distance from my home?

Allows maintaining a **real-world perspective** and evaluate phenomena that involves **multiple variables**

Capacity to explain causal links

## Case study research

Post Occupancy Evaluation Approach

## Methodology

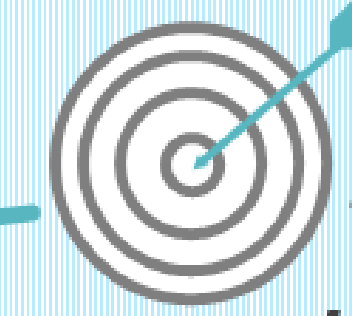
Two data collection stages

Exploratory + Explanatory

"Understand what works, what doesn't work and why"  
(RIBA et al., 2016)

This methodology will be used to evaluate

This poster introduces the methodology used in the **"Inclusive Building and Neighbourhood Design"** research project.



## Aim

To **identify and understand the dynamics of physical inclusion in the built environment** by evaluating the **actual inclusive performance of in-use-spaces**, designed and developed under **high-level Inclusive Design provisions**.