## Inclusive Design and Architecture The process

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# The Helen Hamlyn Centre for Design Over 280 projects with 180 organisations



SAMSUNG







# But there is an issue

# Where are the people?







Photo: Innovation for All, DOGA

-105-100



### Three areas

### **1.** Co-creation

### 2. Convention

## 3. Connection

# 1) Co-creation

# Work with people

# Work with real people...





### ... not fake people





### Julia is a traditionalist

The traditionalist's happiest moments are when she is helping someone else. Strongly family oriented, she is always on the lookout for ways to make life more comfortable for her mate. Institutions, including the institution of marriage, are more important to her than anything else in life. She's usually a devoted mother who spends her ing her children with their homework or ferrying them to

### Julia is a "domestic dweller"

and reading. They prefer a more conventional mainstream décor fo

### JOHN TYLER

Strengths: Organized, Strategic-Minded,

> Goals: Improve lead generation program, position company as leading worldwide brand, determine new opportunities for new product development, create new revenue streams, create better means of team ommunication and collaboration.

### Make-A-Wish<sup>®</sup> Supporter Personas

Vanessa, 25

Elizabeth, 46



### codal

Adaptive and Confident Communicative Skills

Frustrations: Poor Planning, Follow-ups, Lack of Communication, Ineffective Collaboration





Eddie, 57



Amy, 44

Character Considerate

Description

Steusage

Web confidence as

trand association





Gina, 42 The Gen X Donor Person



Manuel, 27

### Geeky Jim

Sho A fictitious user persona for ThinkGeek.com • War and • War mer • Alwa Gan • War Sh • Mos • Diffi orde Bio Geeky

Peter - Manufacturing engineer (Automotive)



that we can work with Ubisense"



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# Inclusive Design is defined as including the needs of the widest number of people in your design

Source: UK Department of Trade and Industry (2000)

# Can you truly co-design a city taxi?

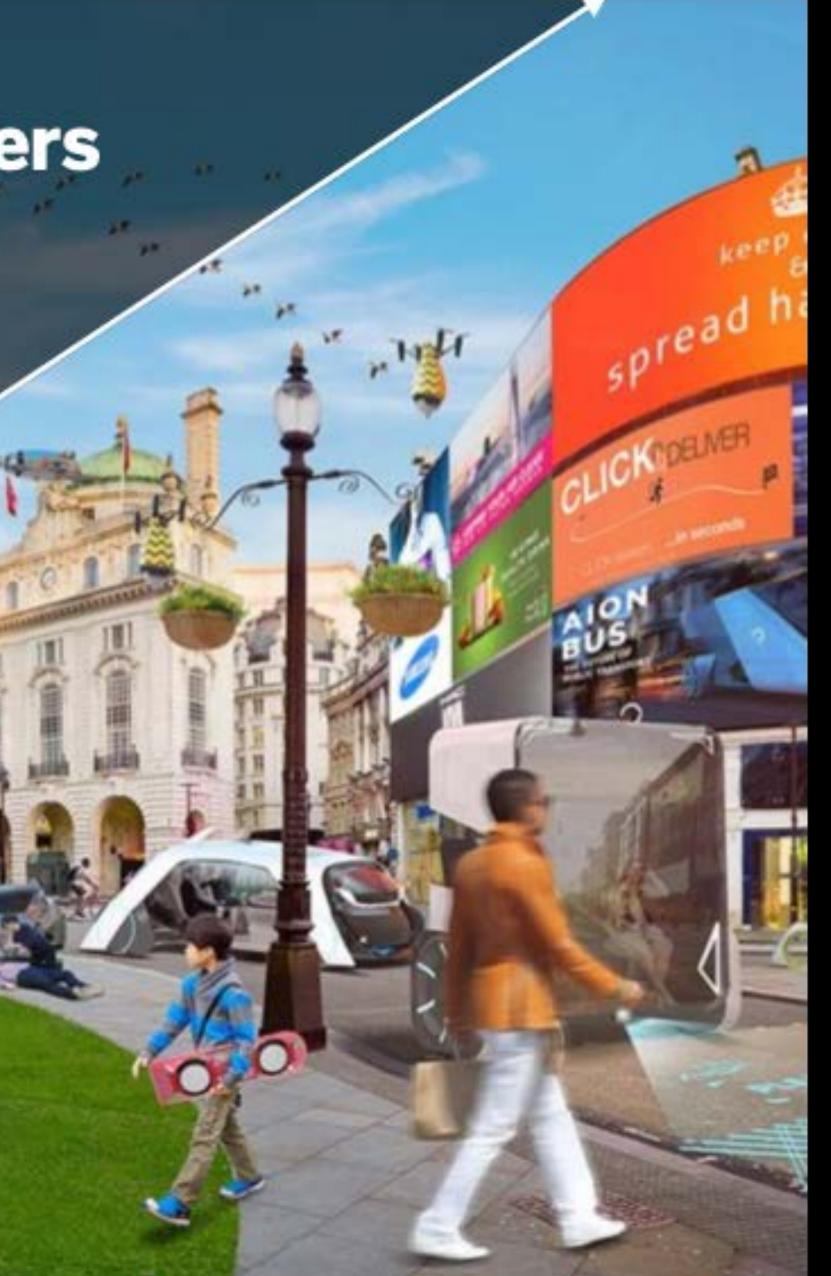


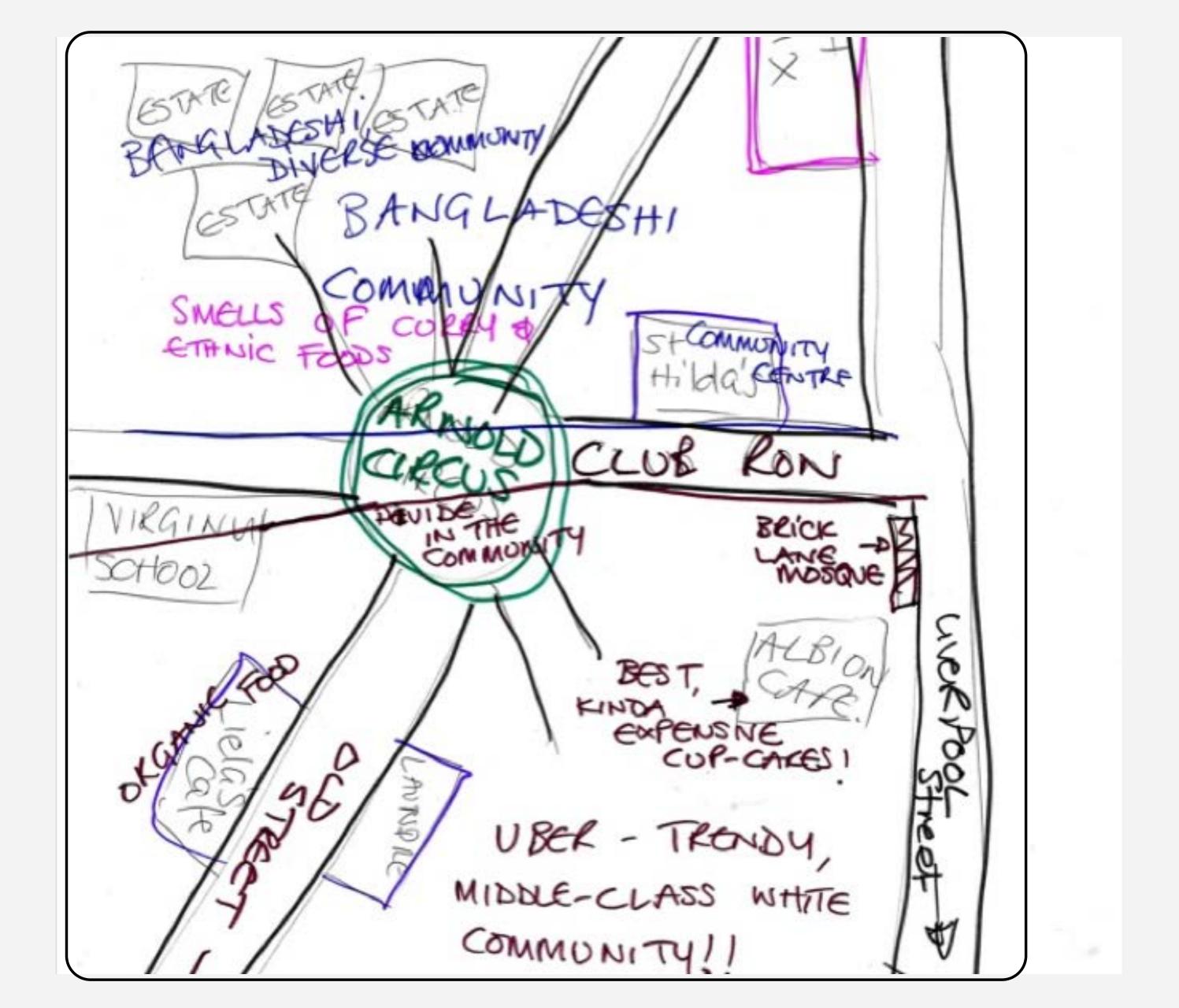


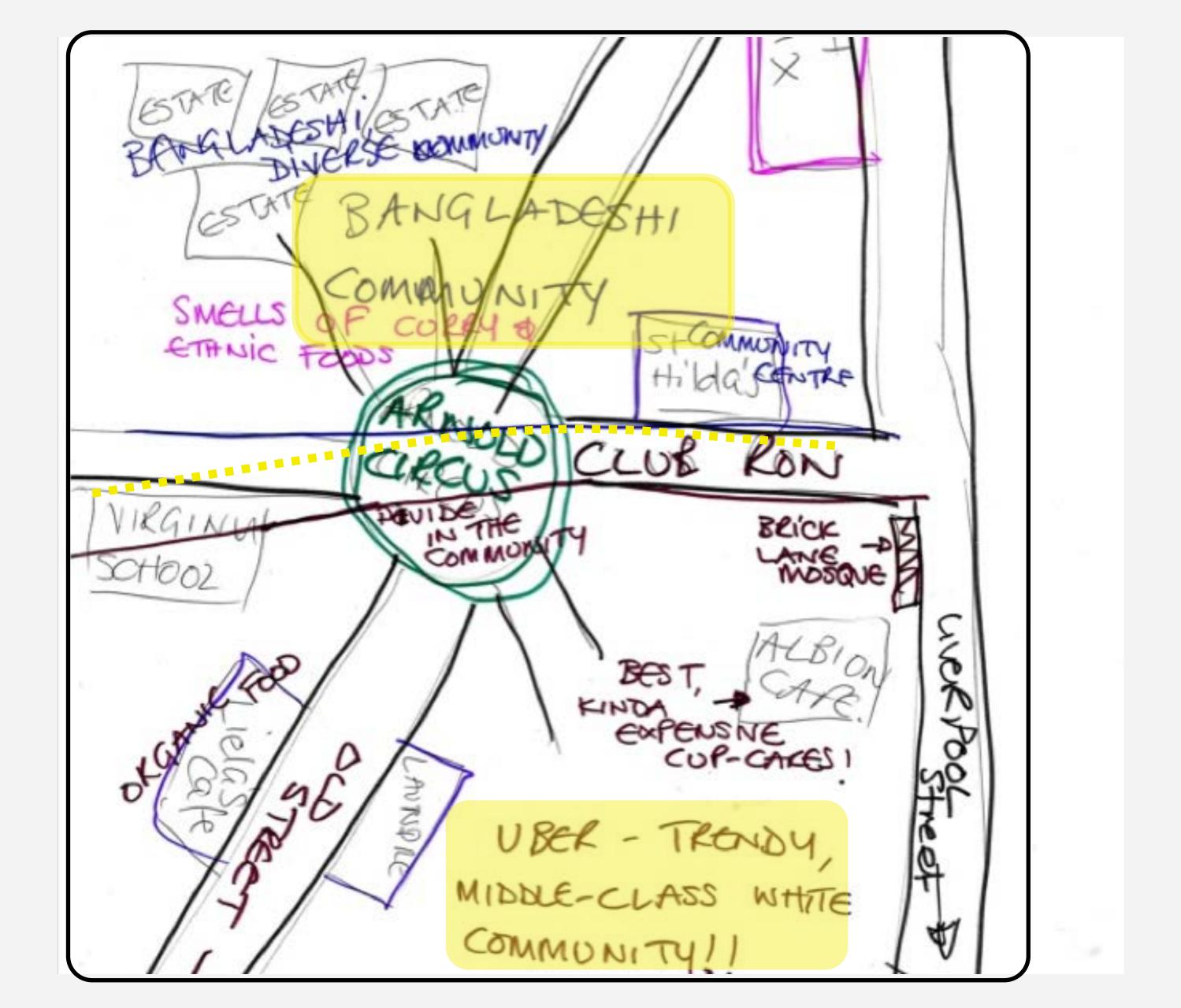
### What are the real barriers to driverless vehicles? (And it's not what you'd think)

55

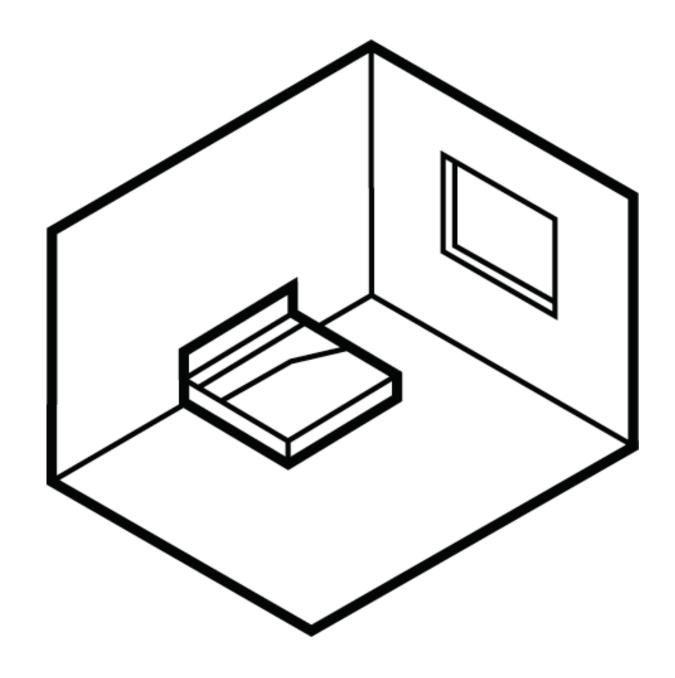
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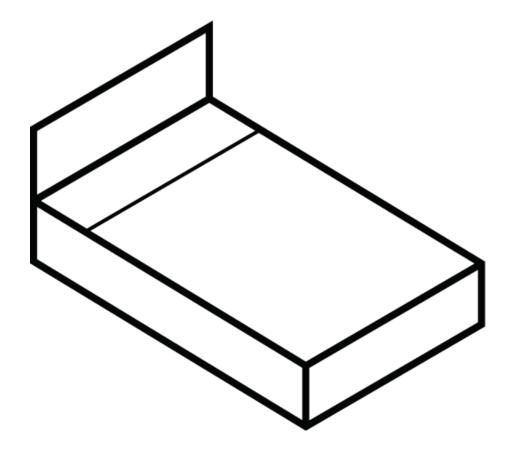


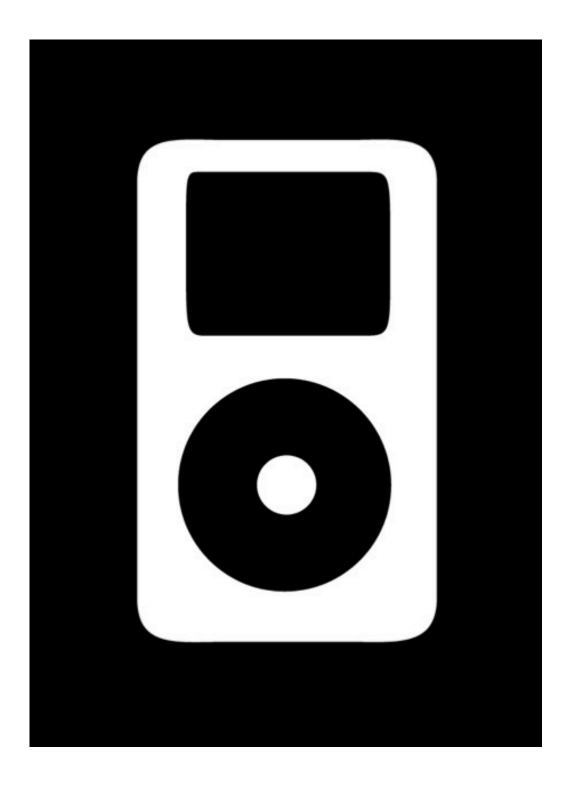




# 2) Convention













# Design for ability vs. Design for disability



Yesterday 15:14

Went down town on bus and bought dresses and shoes. Was great to do it by myself. A milestone in my recovery! X

> That's great mum. I did you a favour going out last night and not taking dad! Xx

0





### Michael Wolff

UK Government's Inclusive Design Adviser **Co-Founder of branding consultancy** Wolff Olins

### Questions

Please list all co-inhabitants, dependents, lodgers, sublets that are present for the majority of the time in question in the dwelling you are registered at.

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### **Citizen Interpretation?**

"The government wants to reduce my 'benefits' and take more money from me."

### Questions

Please list all co-inhabitants, dependents, lodgers, sublets that are present for the majority of the time in question in the dwelling you are registered at.

New Question

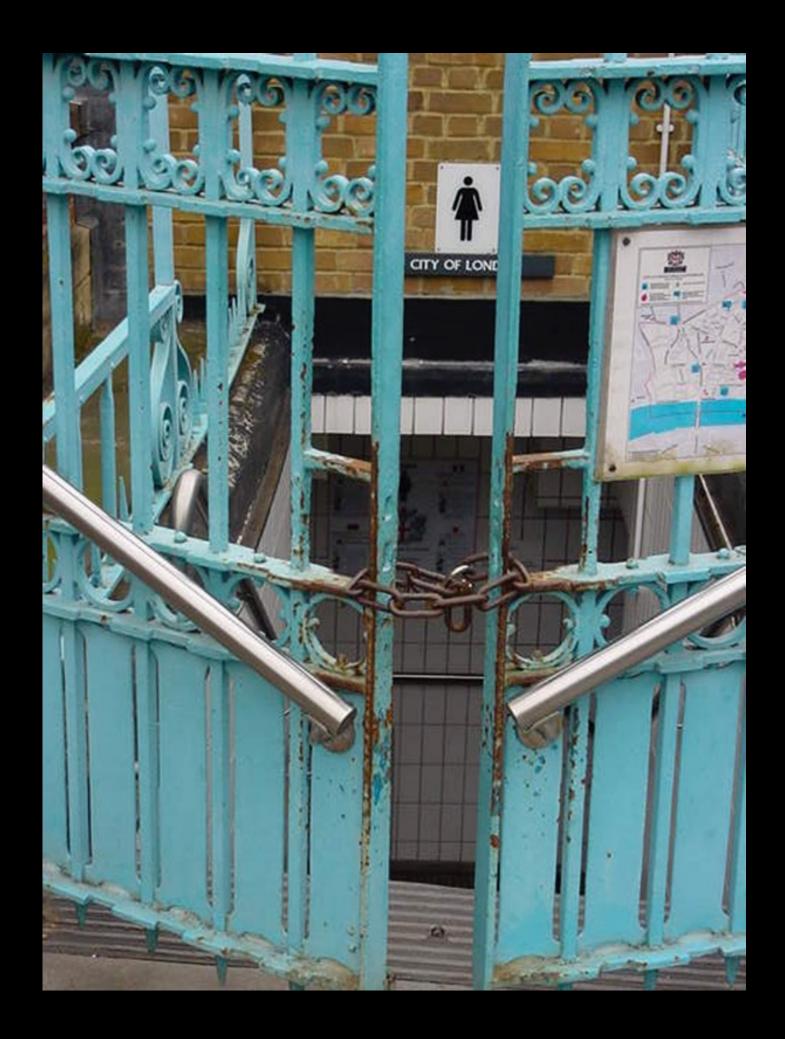
Who else lives with you?

# 3) Connection

Design in the built environment is about ...access to services, healthcare, friends, neighbours, local shops, schools etc. "An 87 year old woman with breast cancer was forced to travel more than 500 miles per week because of a lack of local services."

Source: Society Guardian, UK

# When does it fail?



# Curating the urban space

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# CALL The Great British Public Toilet Map

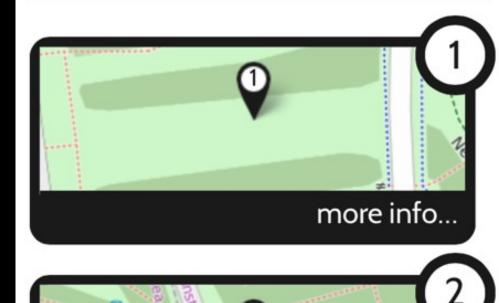
Give a pound to spend a penny!

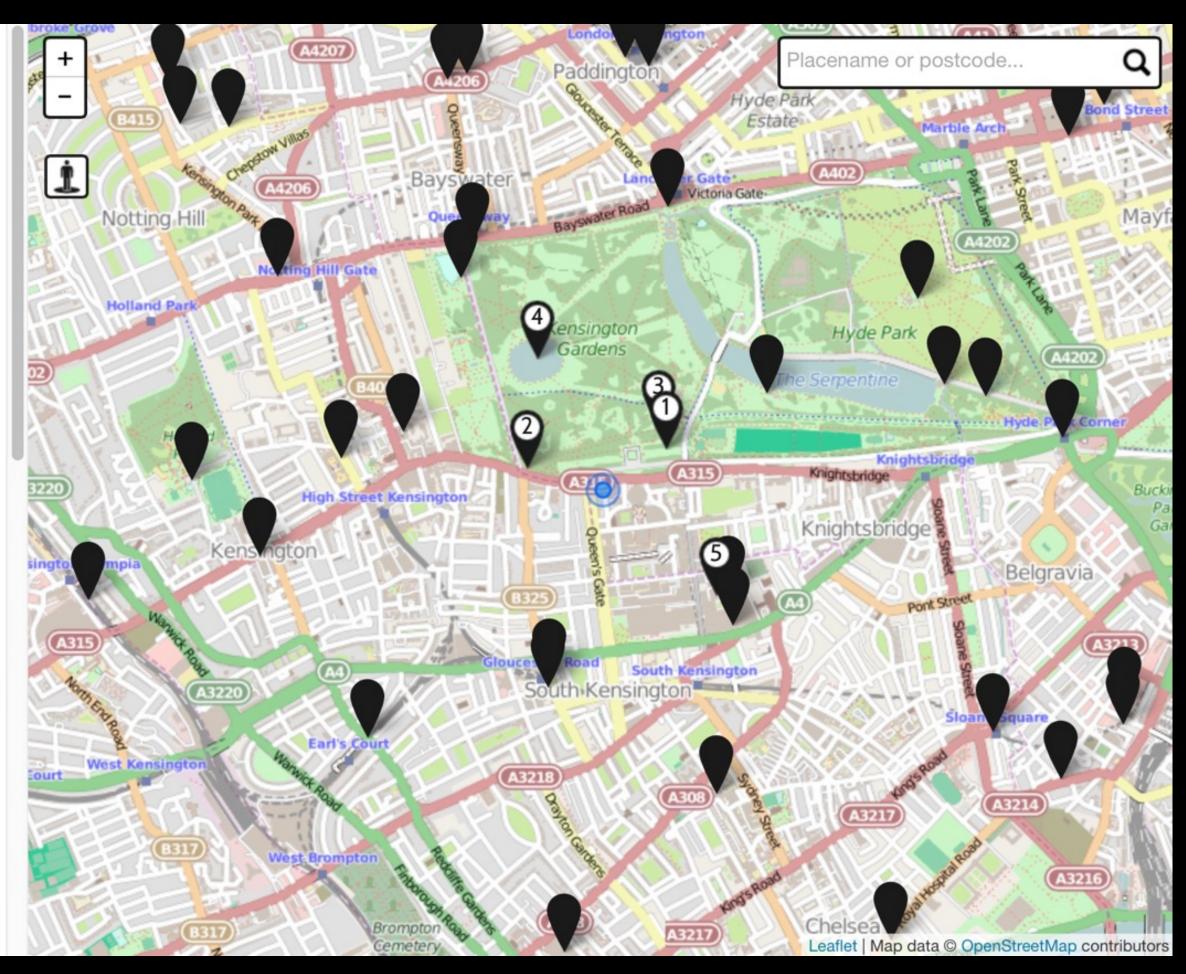
### **Nearest Toilets**

### Hi!

The 5 nearest toilets are listed below. Click more info to find out about each toilet's features.

You can set preferences to highlight toilets that meet your specific needs.





# A culture of immediacy



# Designing with community



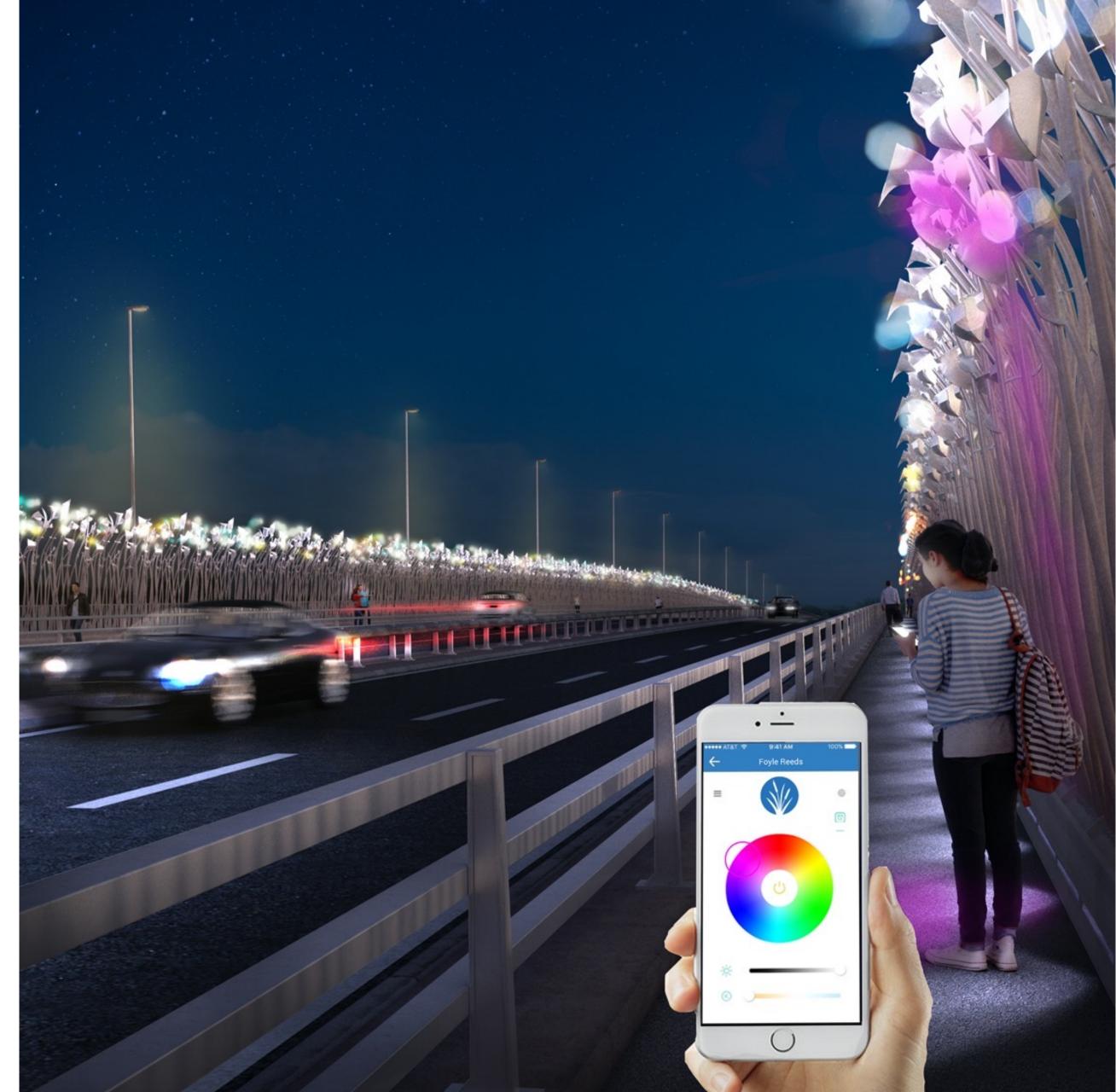


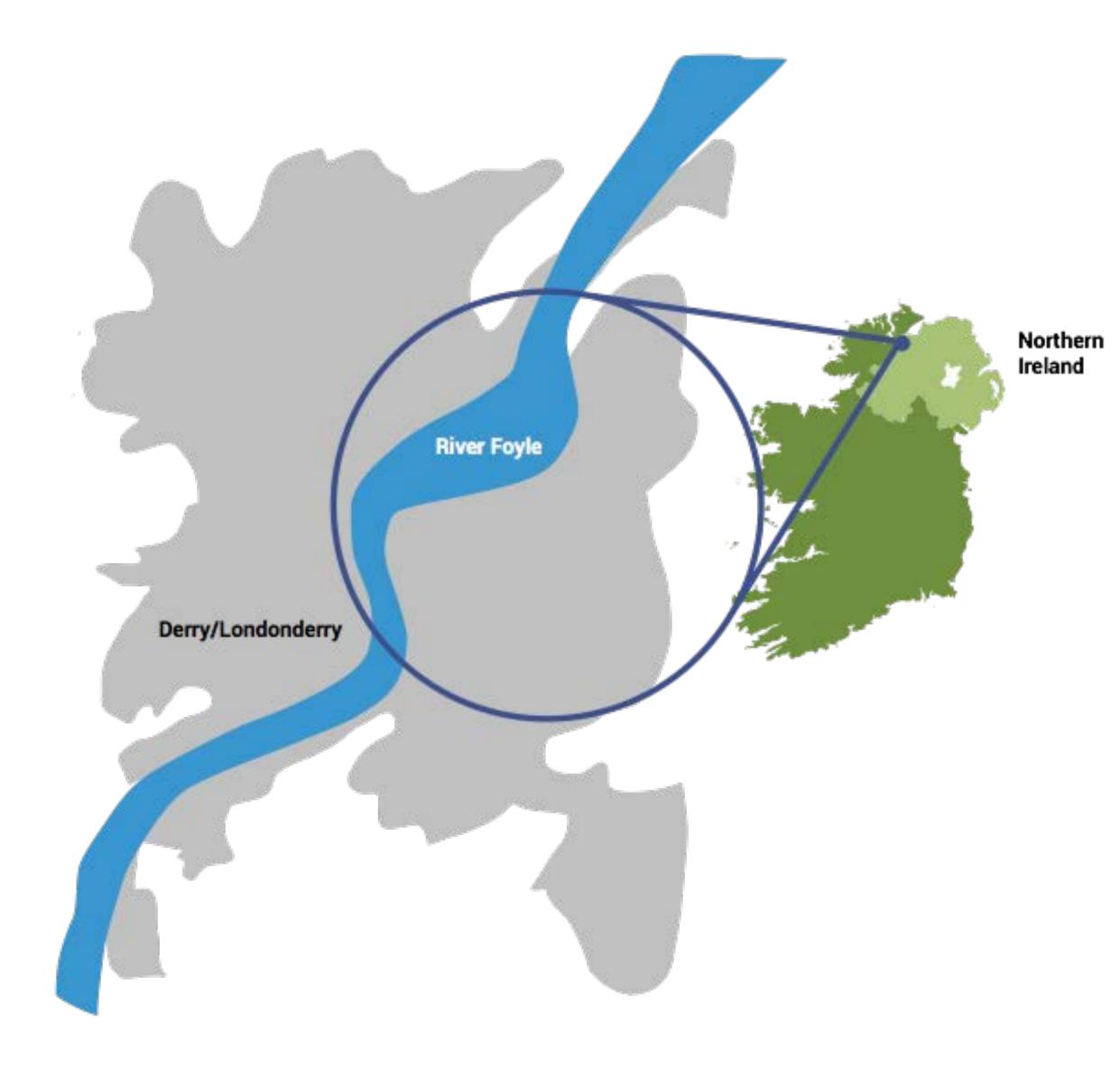
### Build on existing activities or interests

- Gardening
- Religion
- Dog-walking
- Fashion
- Cars
- Design
- School

## River







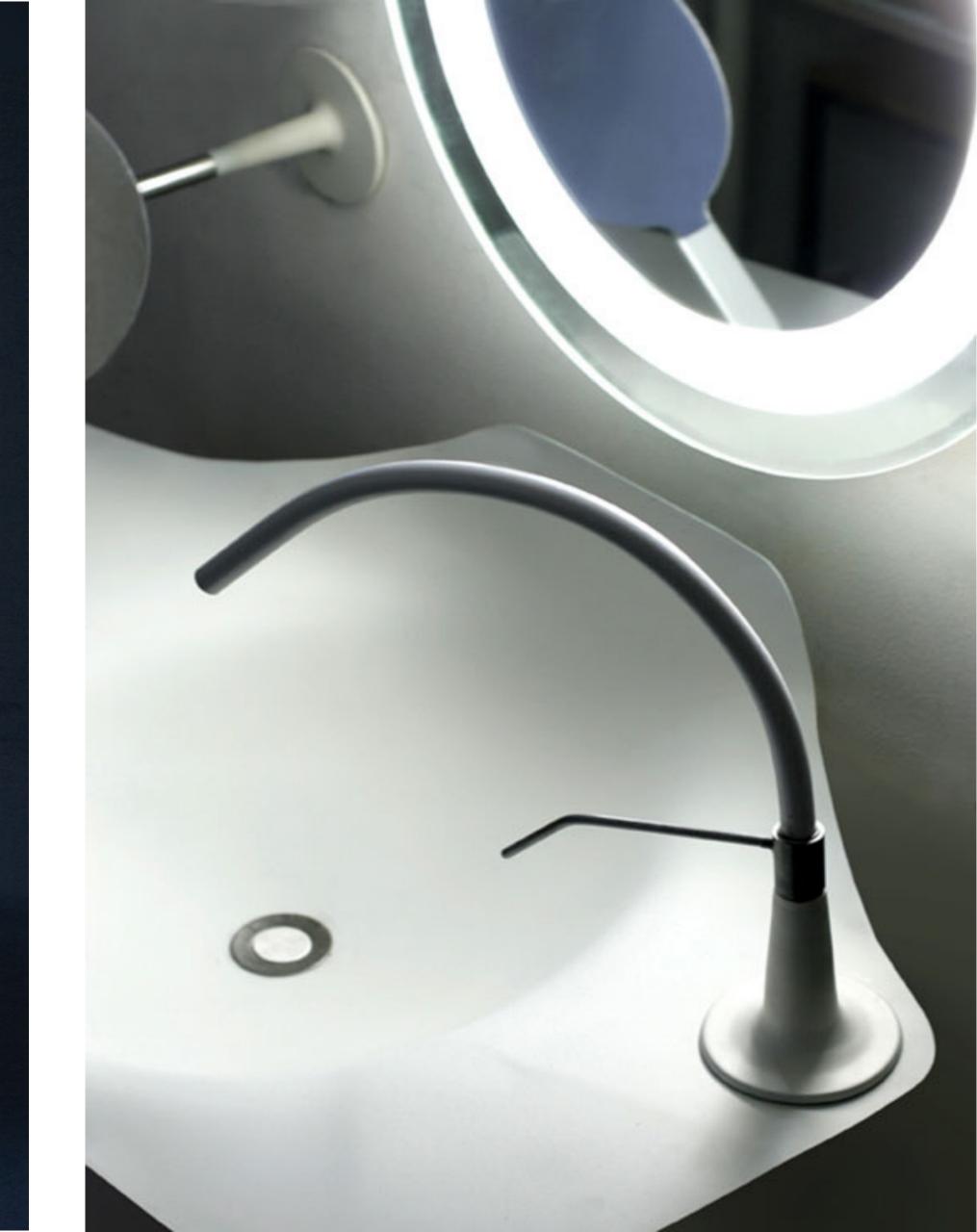


## Bathroom









# **Care Home**

# DESIGNING FOR OUR FUTURE SELVES 時代代目記設計



The same sun rises and sets on us all every day, but that day can bring a radically different experience depending on our age, ability, gender or race. These four areas form a basis for the inclusive design approach.

## THE FOUR AXES OF

Age: looking across the human lifespan to include older people Ability: addressing a range of physical, cognitive and sensory abilities Gender: understanding the evolving landscape beyond binary definition Race: including people from diverse backgrounds and cultures

# INCLUSIVE DESIGN

There is a growing call for new forms of action and engagement around equity, diversity and inclusion.

#### WE NEED TO RESPOND.

#### **Top tips**

## Design experiences ... not spaces, services or architecture

## Design for people ... not users or consumers

## Users use ... consumers consume ... but people live!

#### ... above all make sure your spelling is correct



### www.hhcd.rca.ac.uk

# Twitter, Instagram, LinkedIn and another one that recently got hacked: @RamaGheerawo

With thanks to Onny Eikhaug, Dr Jak Spencer, Juliette Poggi, Ralf Alwani, Sean Donahue and Dr Ninela Ivanova for research and images