

Snook are a research and design agency who focus on projects that deliver positive social impact



## Over a decade of helping clients design great services



















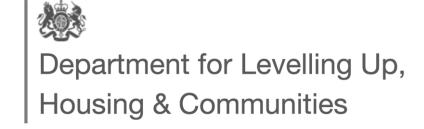
















## Over a decade of helping clients design great services













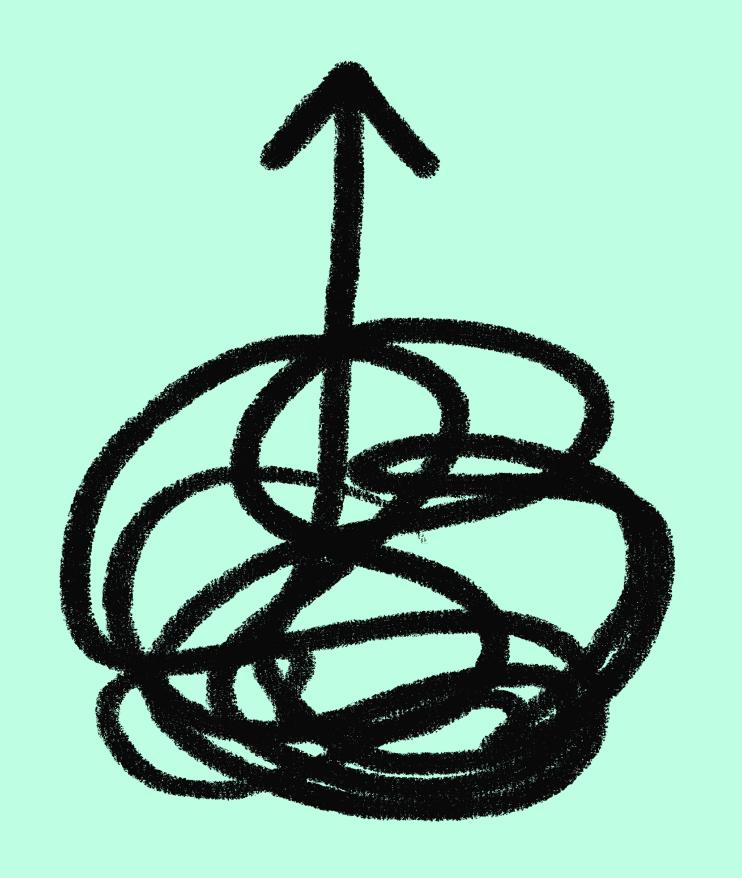


# How do we engage with users and customers to build better services?

# The importance of research, design, and feedback

snook

# What is a service?



# "A service helps someone to do something"

Lou Downe
Founding Director of the School of Good Services

Good Services

How to design services that work

Lou Downe



The infrastructure



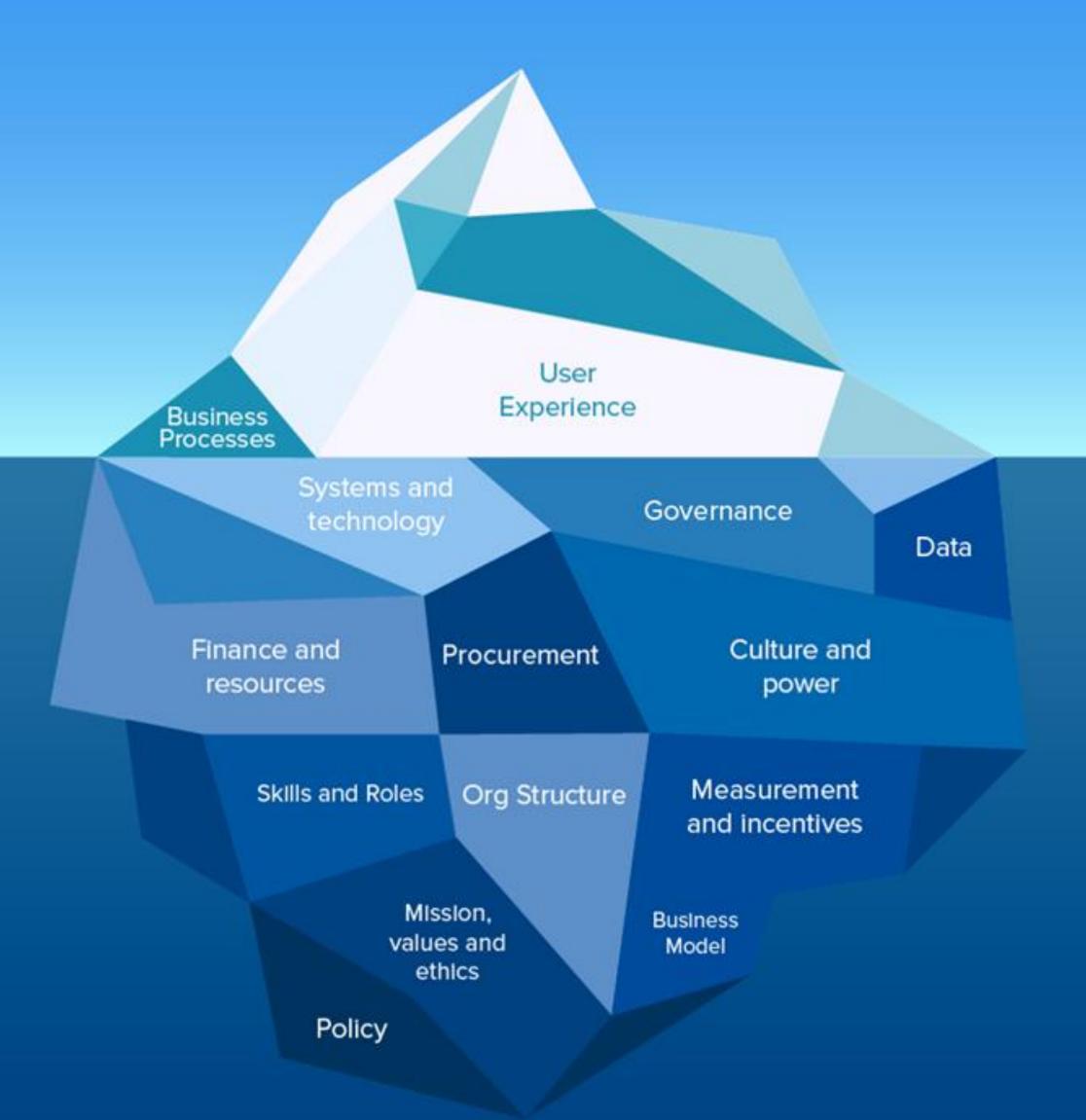
Systems and technology

The service

The infrastructure

The organisation and system

The Intent

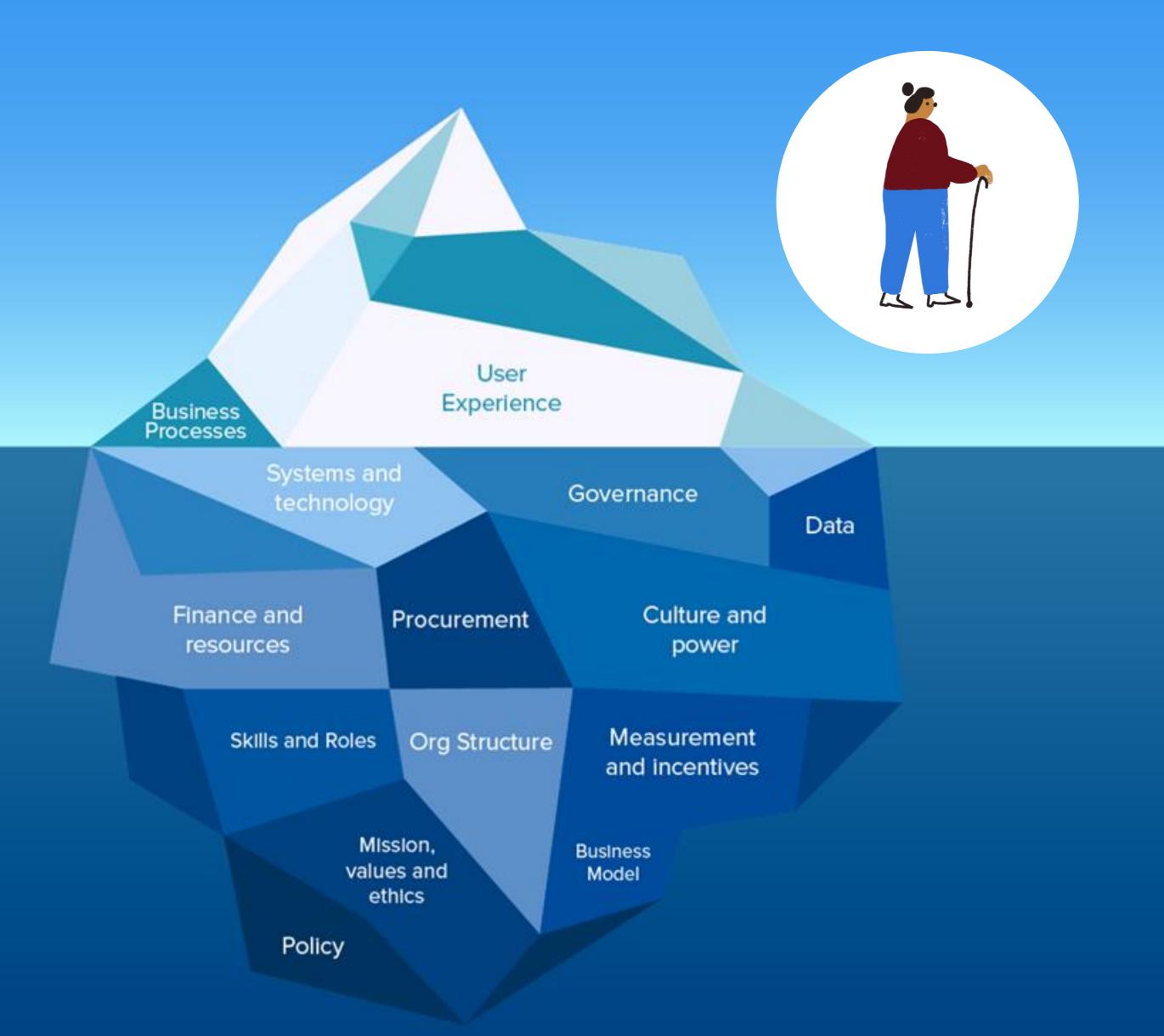


The service

The infrastructure

The organisation and system

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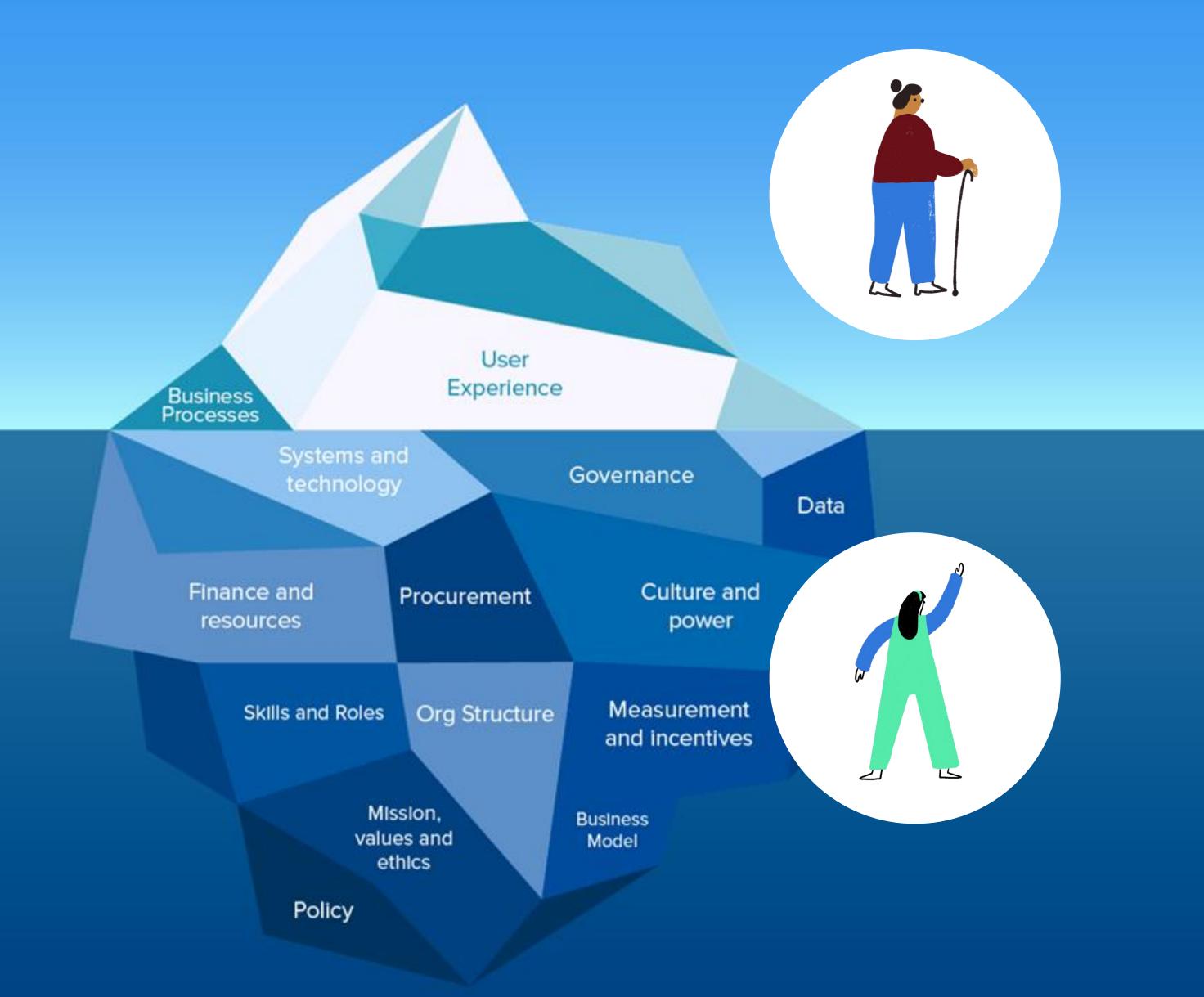


The service

The infrastructure

The organisation and system

The Intent



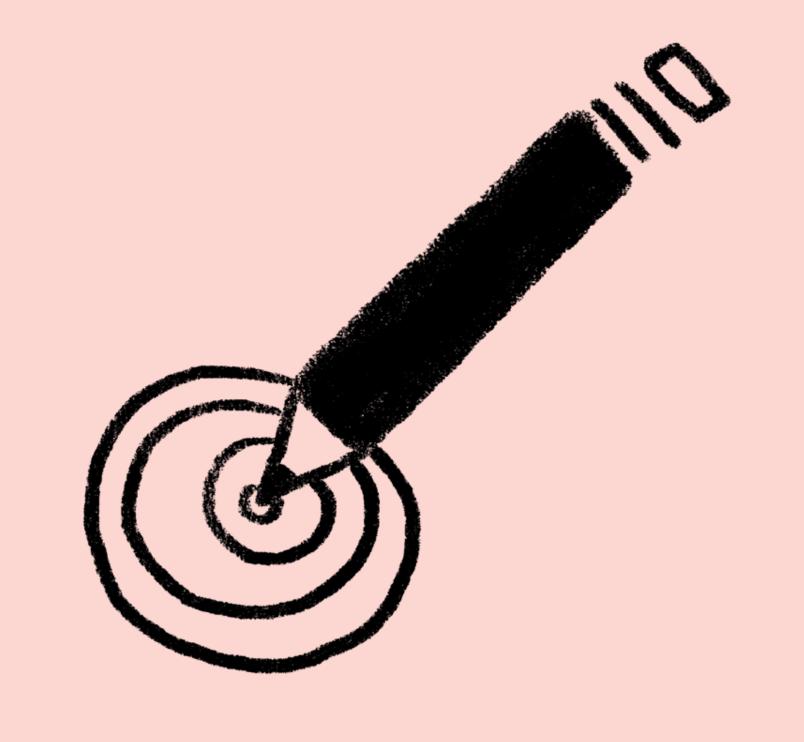
"Our customers frustrations are mirrored by those of our front-line teams"



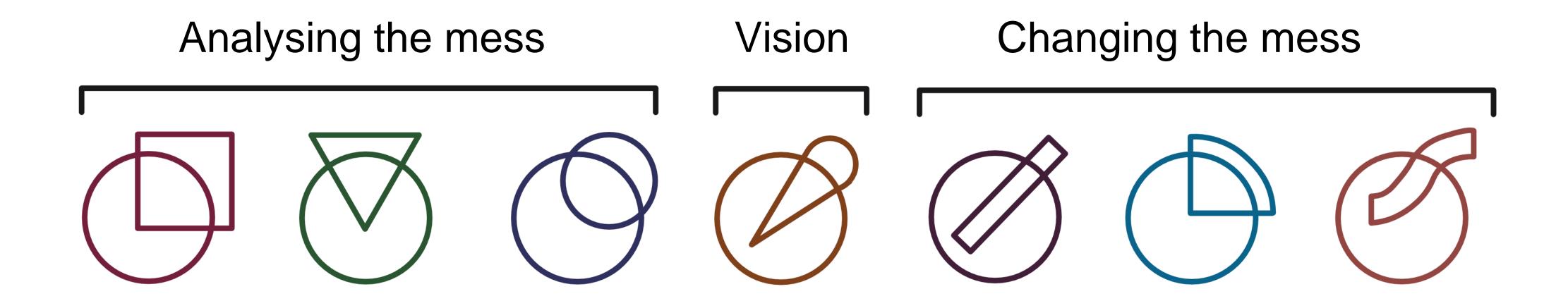
Services get developed around organisational aims, not user needs



"Residents might not know the intricacies of running a repairs service, but they're experts in what it's like to be on the receiving end of it."



# How do we change this?



Design Journeys through Complex Systems: Practice Tools for Systemic Design **Dr Peter Jones & Kristel Van Ael** 

# Analyse

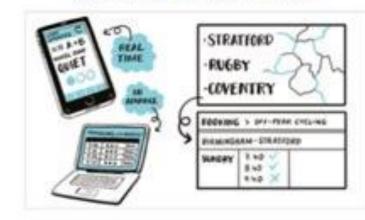
- Understanding the issues, quantifying the issues for users
- Understanding the what AND the why
- Pausing and taking a step back
- Framing the challenge



## Vision

#### 1. Plan And Book

#### Informed Before Travel



#### **Current Experience**

Lack of information about where and when it is possible to travel with wheels.

#### **Future Experience**

Provide information in advance of travel to better manage Wheeled Passengers. Identify cyclists at booking and encourage them to travel off-peak or leave their bike at the station.

#### Concepts in Action

#### **Good Miles**

At booking passengers are asked if they are 'travelling with wheels' and are offered Good Mile rewards for leaving bicycles at station or travelling "travelling with wheels". Data is off-peak.

Good Miles per journey advertised at booking to all passengers, and encourages them to sign-up to claim them.

Good Miles offers miles in exchange for passenger feedback on the planning and booking experience.

#### Speedy Lock

Ability to reserve a lock ahead and times which cyclists are about being able to leave a bike at the station, and allows passengers to plan for this.

#### Wheeled Passengers Wheeled Passenger

Membership identifies passengers at booking and checks whether they will be fed into predicited capacity of Wheel Zone.

Wheel Zone Capacity uses historical capacity data to suggest travel on quieter trains and spread out Wheeled

#### Leisure Cycling Promote off-peak leisure

cycling and provide suggestions for quieter routes of travel removes uncertainty most likely to be able to board,

#### Other Modifications Bicycle Policy clearly advertised at booking.

#### 2. Travel to Station

#### Sustainable Travel



#### Current Experience

Not a key part of current passenger experience.

#### **Future Experience**

Encourage passengers to travel to the station using sustainable and shared transport.

#### Good Miles

Good Miles given for good travel, verified using third party apps such as Strava. Travel includes cycling, walking, public

#### Concepts in Action

transport and car sharing.

#### 3. At The Station

#### Care and Convenience



#### **Current Experience**

Poor signage and concerns about bike security.

#### **Future Experience**

Clear signage and policies for Wheeled Passengers. Encourage cyclists to leave their bicycles at the station at peak times with secure and convenient Speedy Lock facilities, and Good Mile incentives.

#### Concepts in Action

#### **Good Miles**

Good Miles awarded for Good Deeds including leaving bike at station, participating in live research and reporting broken facilities

#### Speedy Lock Offer convenience for cyclists with fast lock + go Speedy Lock storage facilities.

Remove the hassle of carrying a bicycle lock.

Provide reassurance about leaving bicycles with insurance trains. offering

#### Wheeled Passengers Wheeled Passenger Signage is clear and consistent at the station, including on gates,

overhead signs and floor Wheeled Passenger Tags help locate and guide wheeled

passengers using medium range RFID. Real-time capacity of

wheelchair area provided to encourage Wheeled Passengers to travel on quieter

#### Other Modifications displayed at station in locations cyclists are likely to

#### 4. On The Platform

#### Right Place, Right Time



#### Current Experience

Lack of information about where bicycles should board the train and where the wheelchair carriage will arrive.

#### **Future Experience**

Helping Wheeled Passengers position themselves in the right part of the platform. Reducing stress, improving platform safety for all passengers and enabling prompt train dispatches.

#### Concepts in Action

#### Good Miles

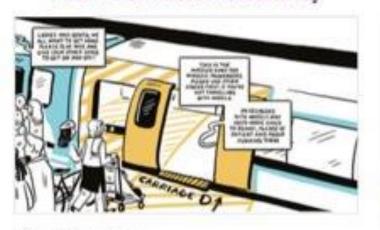
Passengers incentivised to participate in live feedback while they wait with Good Miles

#### Wheeled Passengers Wheeled Passengers Tags locate and guide passengers to the right end of platform.

Wheeled Zone Location reveals the rough location of Wheeled Zone carriage on the platform (e.g. front/back/middle, 1st. 2nd, 3rd) using platform announcements, mobile app and floor markings.

#### 5. Getting On The Train

#### From Confusion to Clarity



#### **Current Experience**

Confusing and stressful. Unclear where bicycles and buggles should board, and who has prioity in wheelchair area.

#### **Future Experience**

Clear communication and signage to help Wheeled Passengers board and remind all passengers to be patient.

#### Concepts in Action

#### Wheeled Passengers Wheeled Zone clearly labelled to all passengers when boarding.

On-board signage communicates priority for Wheeled Passengers and reduces non-wheeled passengers in area, making it

Real-time and predictive capacity may improve boarding experience by distributing Wheeled Passengers across

easier to board with wheels.

#### Play Nice

Platform announcements to remind passengers to be patient, human and give Wheeled Passengers enough

space when boarding.

#### Other modifications Automatic hydraulic ramps enable some wheelchair users to board without assistance.

#### 6. On The Train

#### Less Stress for Everyone



#### **Current Experience**

Lack of guidance and priority in shared wheelchair spaces leads to crowding and conflict.

#### Future Experience

Wheeled Zone clearly differentiated and Wheeled Passenger priority communicated. Reminders to all passengers to be patient and nice to each other.

#### Concepts in Action

#### Good Miles

Earn additional Good Miles through live surveys, feedback the quiestest times, when they and customer research

#### Wheeled Passengers Wheeled Zone visually differentiated with seat colour, window stickers and floor

stickers.

Clear signage to raise awareness of Wheeled Passenger priority.

Wheeled Passenger Tags detected by on-board readers to provide data on wheeled capacity.

#### Leisure Cycling Leisure cyclists try to travel at

Posters on board and friendly

Other Modifications

bicycles.

Secure storage or straps for

Remove glass panel and pole

to improve the experience for

passengers with accessibility

#### are most likely to be allowed their bicycles on board.

#### Other Modifications

announcement from staff to remind passengers 'we all want Automatic hydraulic ramps to get home. Play nice and we will all get there quicker and

#### 7. Getting Off The

# Independent Whee

#### Current Experience

Wheelchair users rely on special ass off the train, which is not always reli

#### **Future Experience**

Wheeled passengers can get of the themselves, using passenger operal

#### Concepts in Action

#### Play Nice

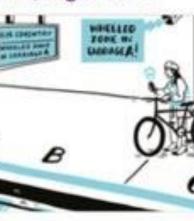
Platform announcements to remind passengers to be patient, human and give Wheeled Passengers enough space when getting off the

enable some wheelchair users to disembark without

# Vision

The Platform

ace, Right Time

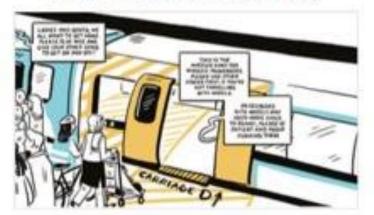


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#### Leisure Cycling

Leisure cyclists try to travel at through live surveys, feedback the quiestest times, when they are most likely to be allowed their bicycles on board.

Play Nice

Posters on board and friendly announcement from staff to remind passengers 'we all want to get home. Play nice and we will all get there quicker and

Other Modifications Secure storage or straps for

Remove glass panel and pole to improve the experience for passengers with accessibility

#### 7. Getting Off The Train

Independent Wheelchairs



#### **Current Experience**

Wheelchair users rely on special assistance to get off the train, which is not always reliable.

#### **Future Experience**

Wheeled passengers can get of the train themselves, using passenger operated hydraulic

#### Concepts in Action

Play Nice

Platform announcements to remind passengers to be patient, human and give Wheeled Passengers enough space when getting off the

Other Modifications Automatic hydraulic ramps enable some wheelchair

users to disembark without

#### 8. At The Station

Guidance and Rewards



#### Current Experience

Poor signage for Wheeled Passengers.

#### Future Experience

Improved signage for Wheeled Passengers. Utilise as an additional touchpoint for Good Miles with relevant rewards at stations when passengers disembark.

#### Concepts in Action

Good Miles

Receive notification about Good Miles earnt for travel.

Redeem Good Miles immediately at stations with discounts on hot drinks, food and onward travel, especially bicycle hire.

Wheeled Passengers

Wheeled Passenger Tags help locate and guide wheeled passengers

Clear and consistent signage for Wheeled Passengers on gates, overhead signs and floor markings.

#### 9. Travel To Destination

**Better Connected** 



#### **Current Experience**

Information about cycle hire at destination hard to find, and services are poorly integrated with train travel.

#### Future Experience

Provide easy-to-access information and well integrated onward cycle hire for passengers who left bikes at home station, and need to continue their journey by bike.

#### Concepts in Action

**Good Miles** 

Good Mile discounts on cycle hire use and other onward travel with partners at the destination.

Good Miles + Speedy Lock Partner discounts for onward travel and bike hire.

Other Modifications

Improved integration between train and cycle hire facilities, including information, signage, convenient locations combined train + bike ticketing options and discounts.

#### 10. At Destination

**Continued Contact** 



PERSONAL PROPERTY AND ADDRESS OF THE PERSONAL PR Thanks for your comment short white world make that better? A separate **WHERETHE** SERENTIES.

### **MEERICE**

#### **Current Experience**

Promotion of leisure cycling through events such as the Birmingham Velo.

#### **Future Experience**

Creating opportunities for on-going conversation with passengers, especially Wheeled Passengers.

#### Concepts in Action

**Good Miles** 

Reminder to redeem Good Miles with relevant rewards.

Incentive to provide passenger feedback.

Speedy Lock

Ability to 'check-in' on your bike at home station.

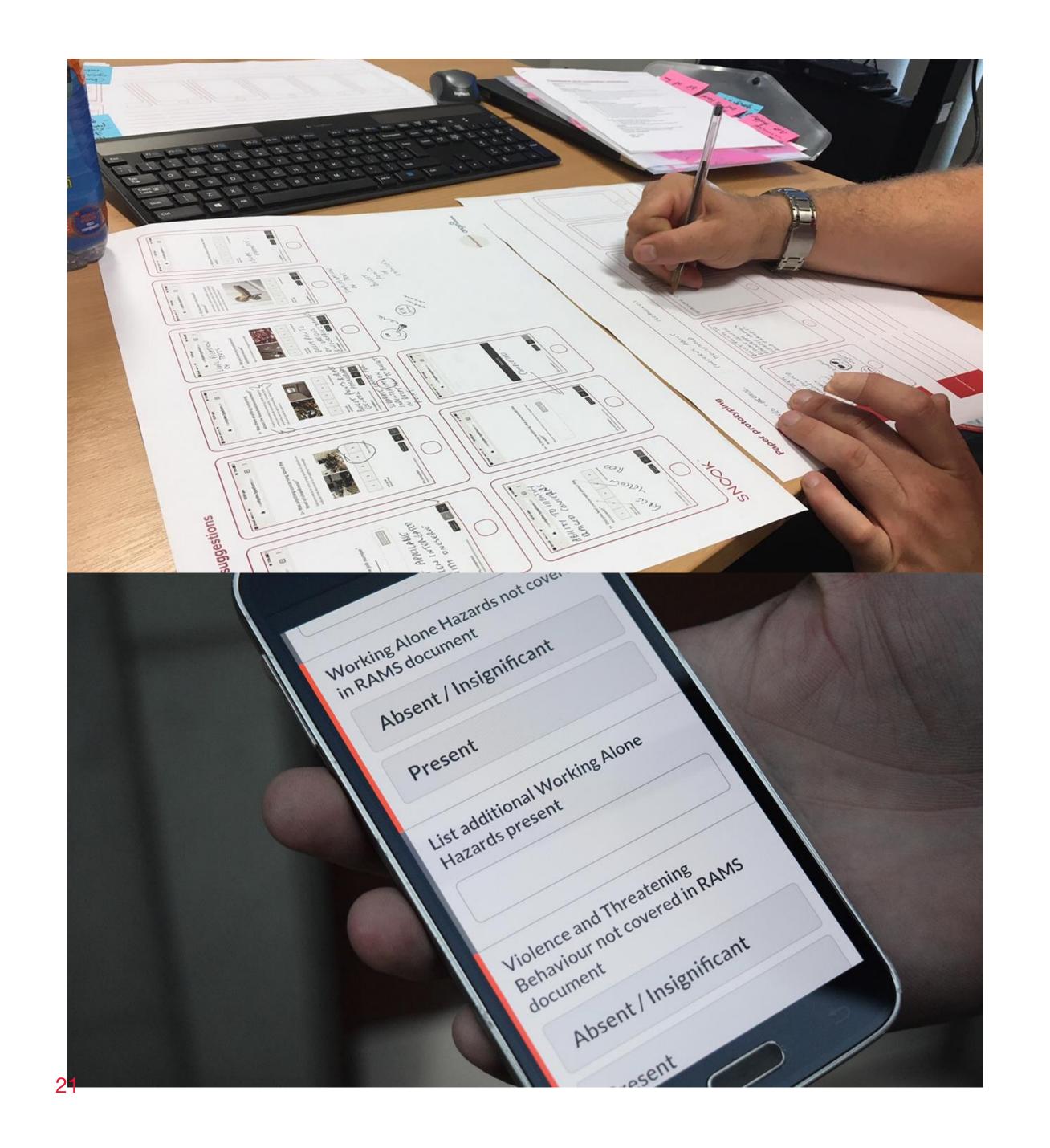
Prompt passengers to register their bicycle on the National Bike Register through Speedy Lock SMS interface.

Leisure Cycling

Soft promotion of off-peak leisure cycling destinations, and sponsored cycle events.

# Change

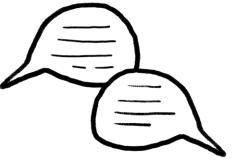
- Modelling the future to make it feel more real and safe
- Evaluate the efficacy of the new service



### Resources

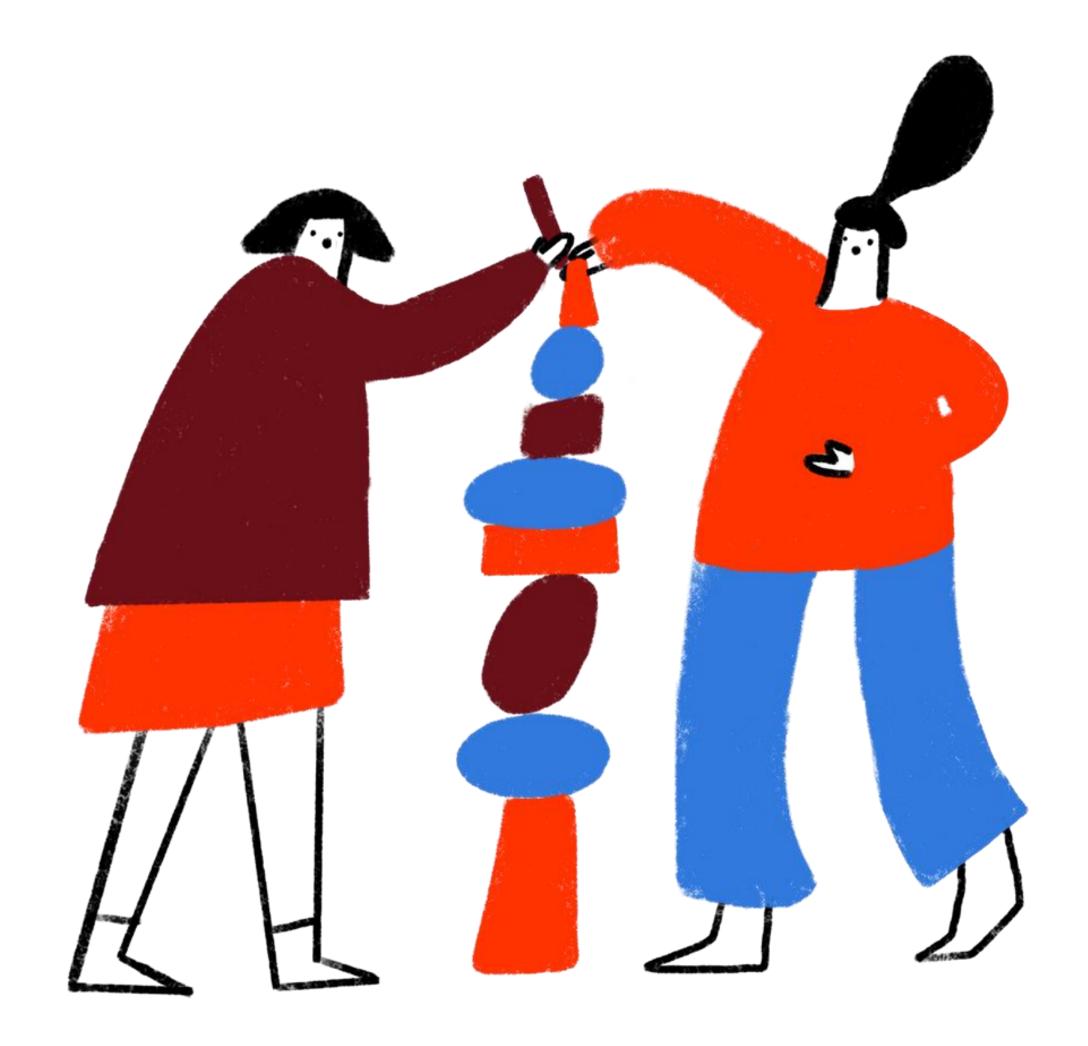
- What is Service Design? (Short Video)
- Good Services (Book link)
- Design Journeys through Complex Systems: (Book link)
- How to build capacity for good services (Blog link)
- Snook Website (<u>Housing blogs</u>)

#### If you'd like to hear more, please say hello!



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#### Interested in discussing further?

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# Thank you

snook