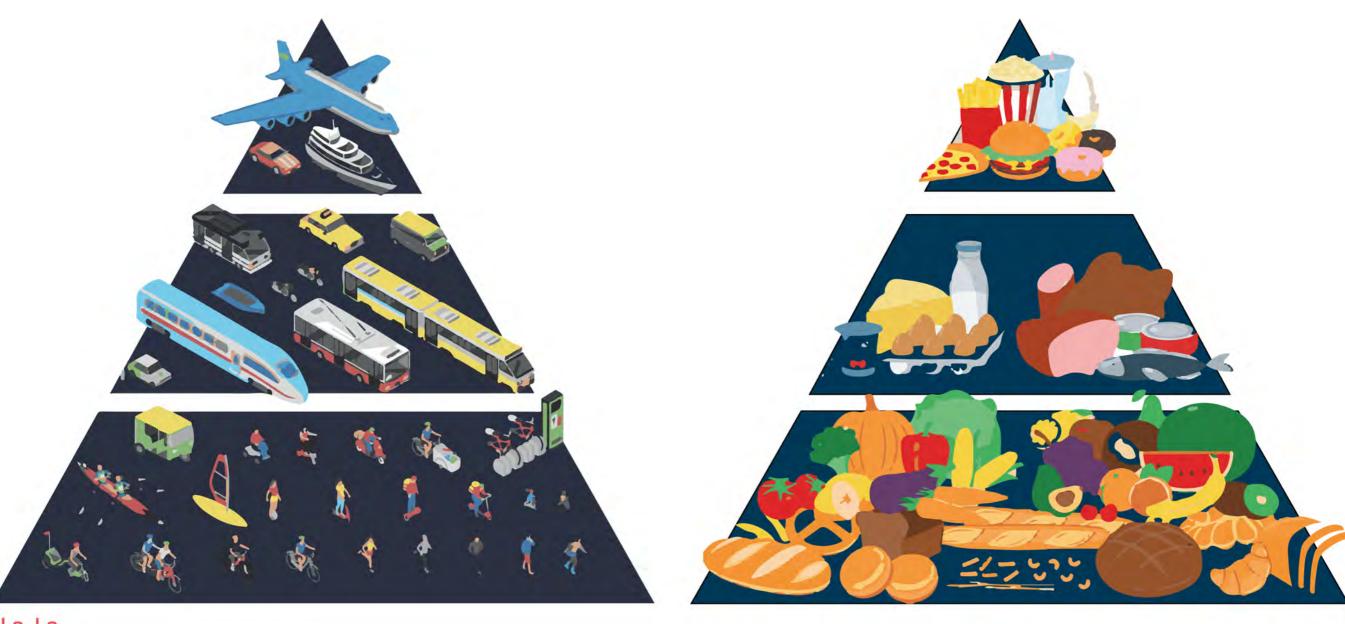


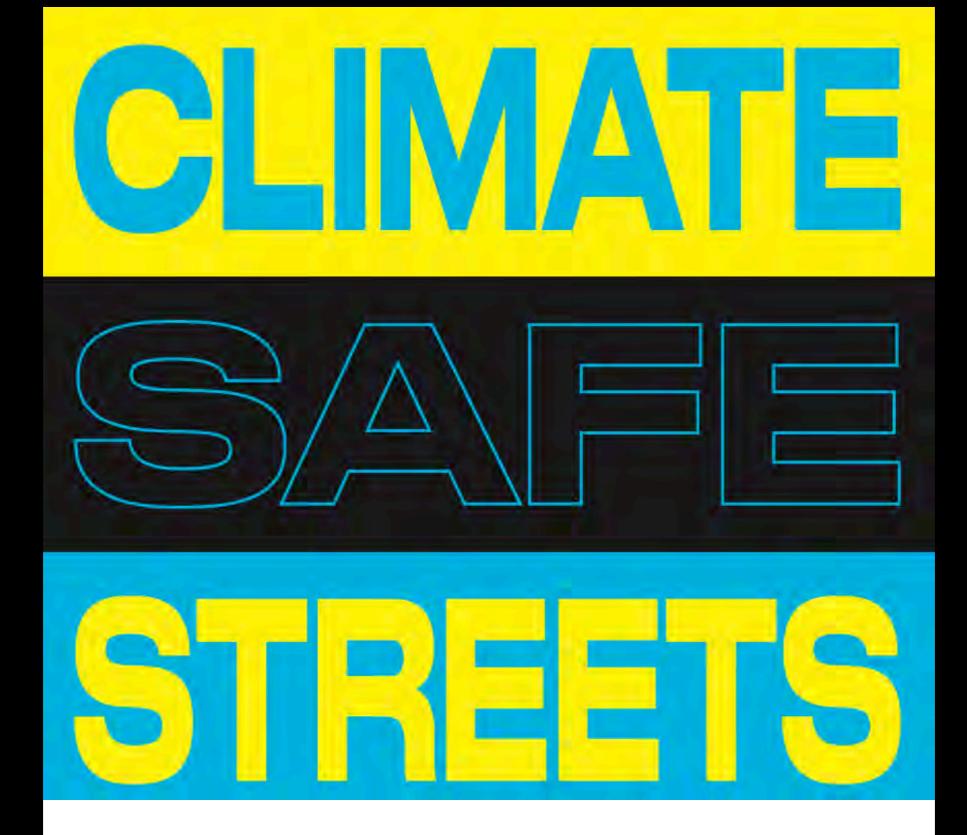


Transport should be a <u>servant</u> to quality of life.

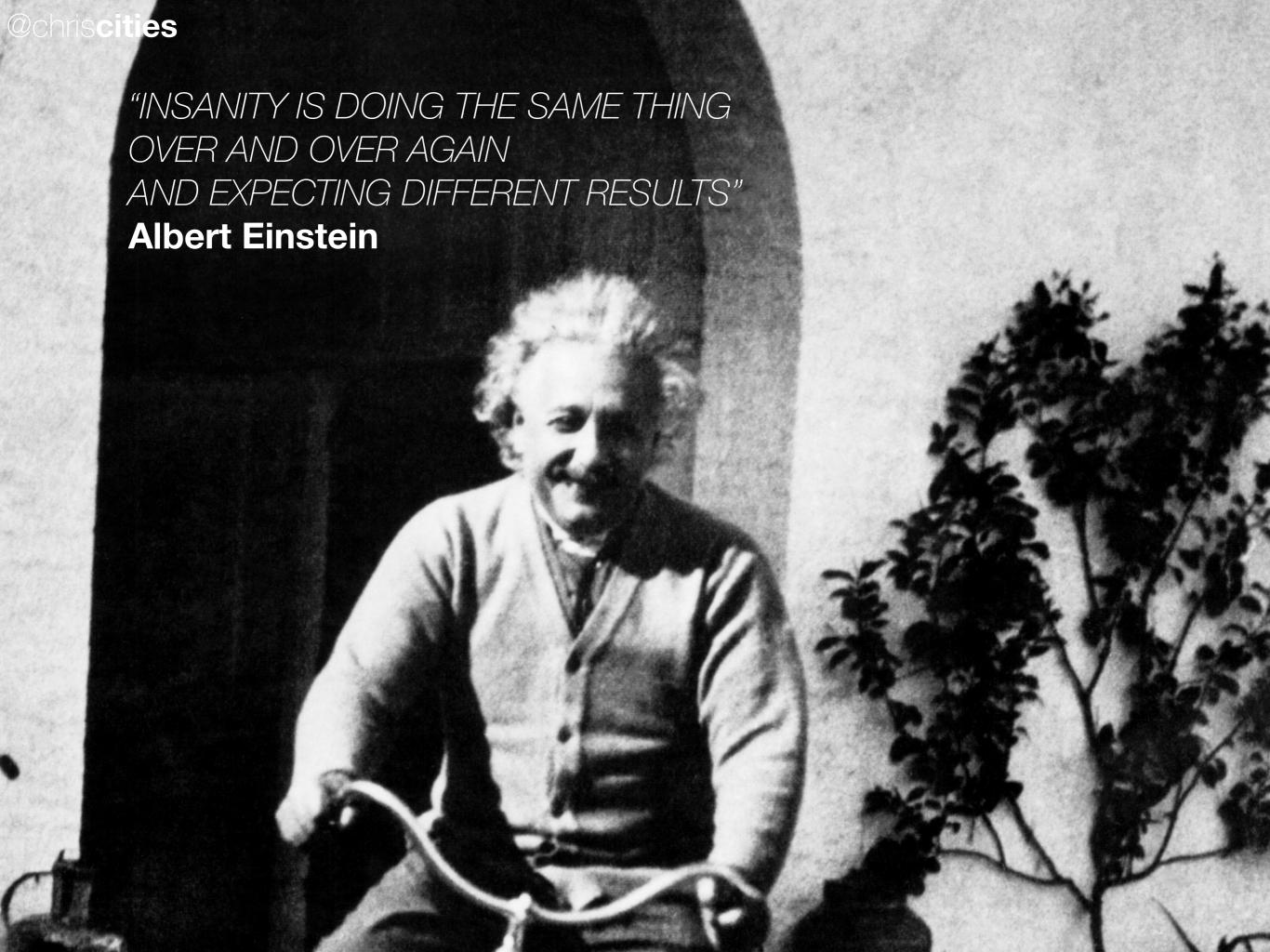
MOBILITY / MEAL HIERARCHY



JaJa



Delivering Zero Carbon Roads in London by 2030



DRIVE TO WORK / WORK TO DRIVE



WHY DO DANES CYCLE?

"BECAUSE THEY'RE WORIED ABOUT THE ENVIRONMENT"?

5%

"BECAUSE IT'S CHEAP" ?

15%

"BECAUSE IT'S HEALTHY" ?

17%

"BECAUSE IT'S CONVENIENT, FAST, AND PLEASURABLE" ?

63%

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THE LAW
OF LEAST
EFFORT

hedonism | 'hiːd(ə)nɪz(ə)m, 'hɛːd(ə)nɪz(ə)m | noun [mass noun]

the pursuit of pleasure; sensual self-indulgence.

• Philosophy the ethical theory that pleasure (in the sense of the satisfaction of desires) is the highest good and proper aim of human life.

ORIGIN

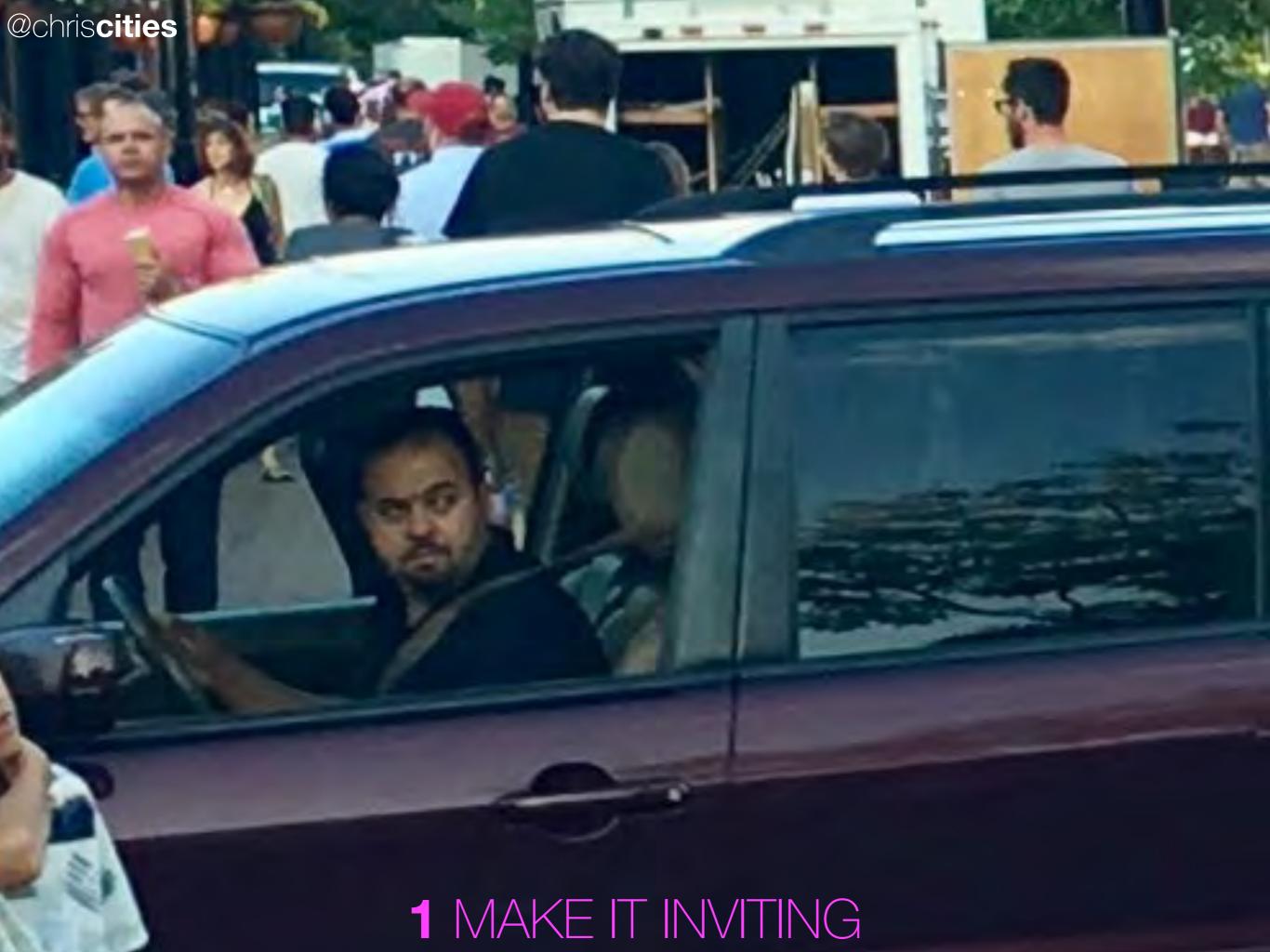
mid 19th century: from Greek hēdonē 'pleasure'+-ism.

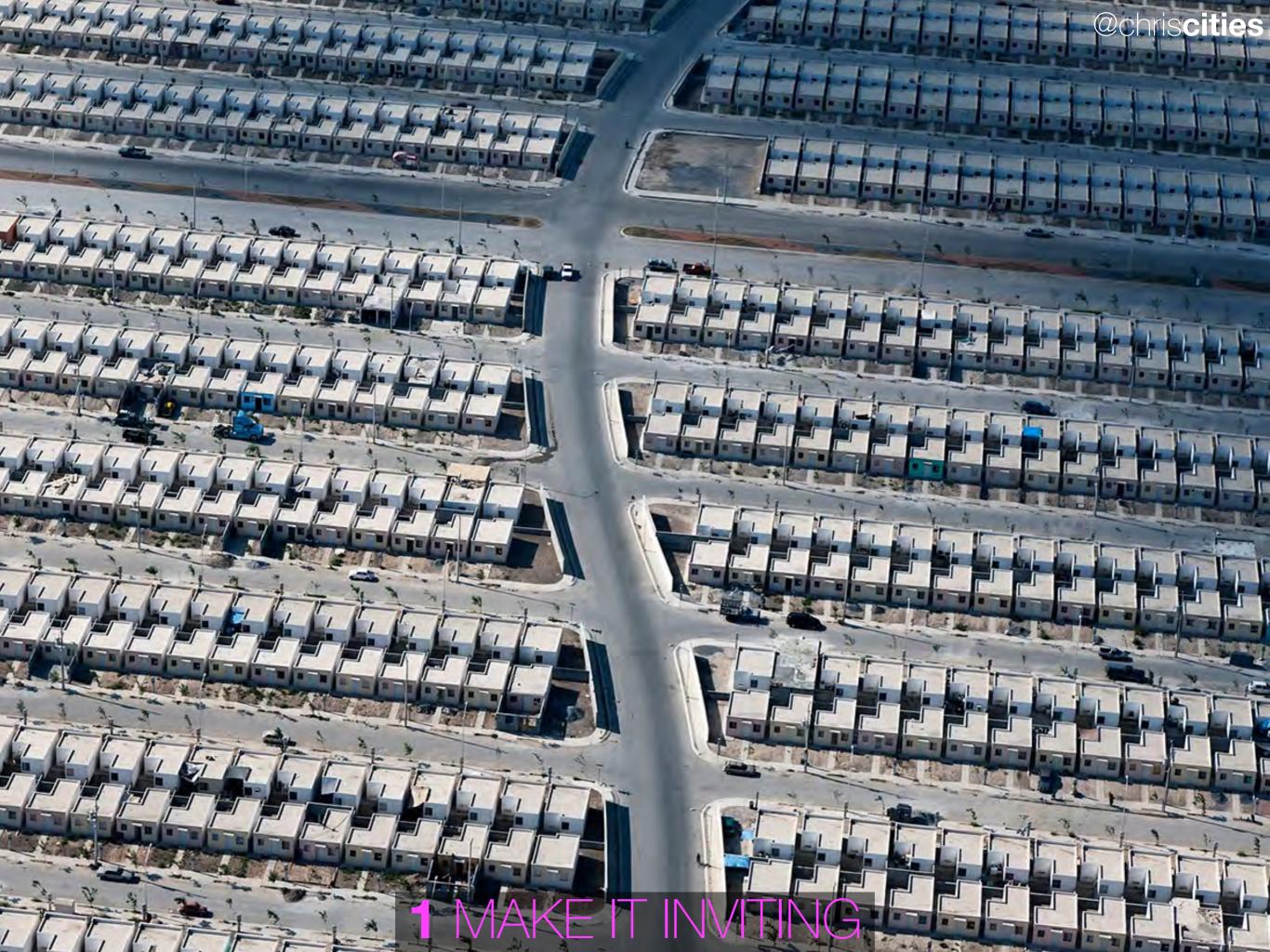










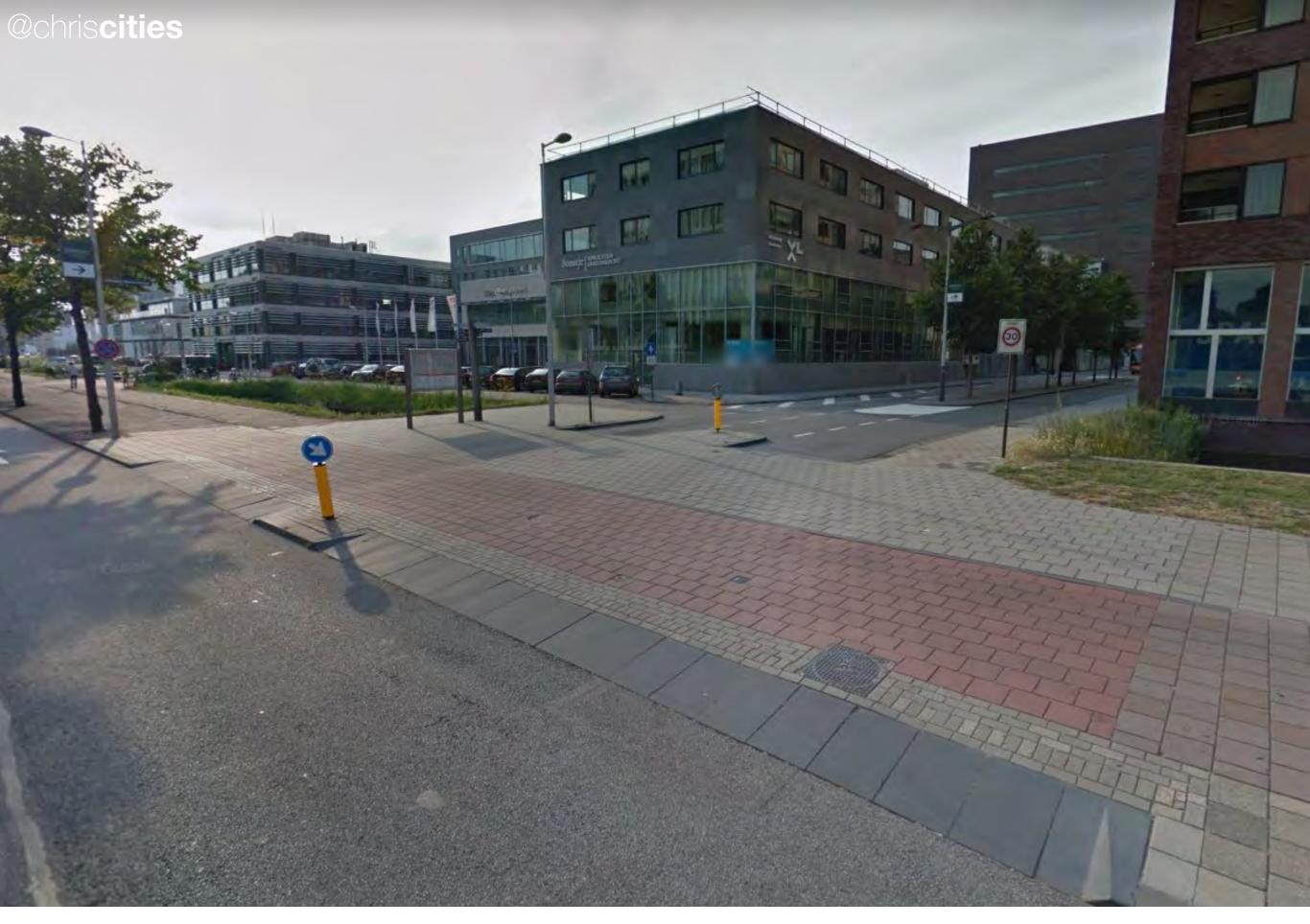








2 PUT IT FIRST



2 PUT IT FIRST



2 PUT IT FIRST































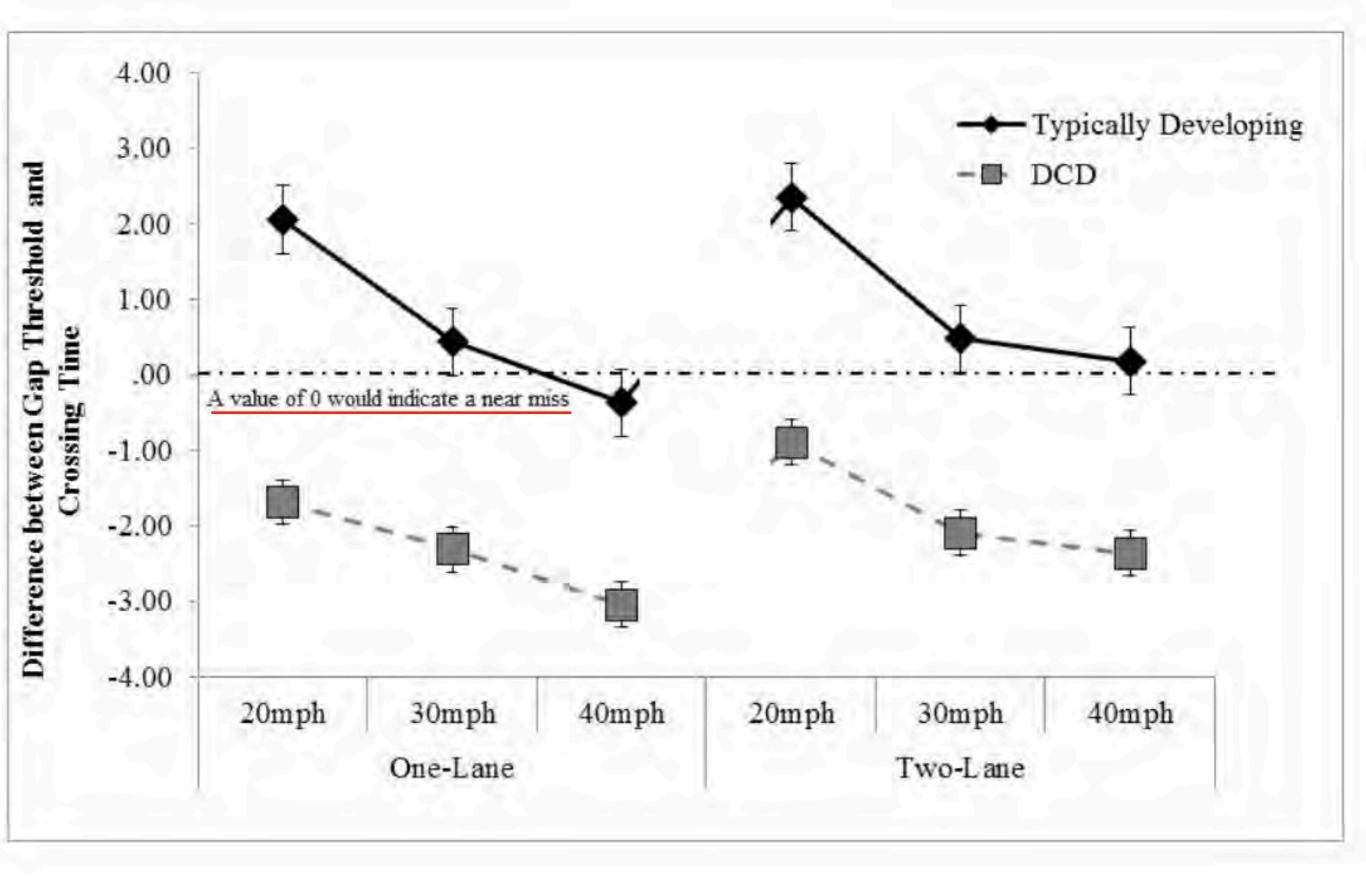








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6 MAKE IT GOOD FOR CHILDREN



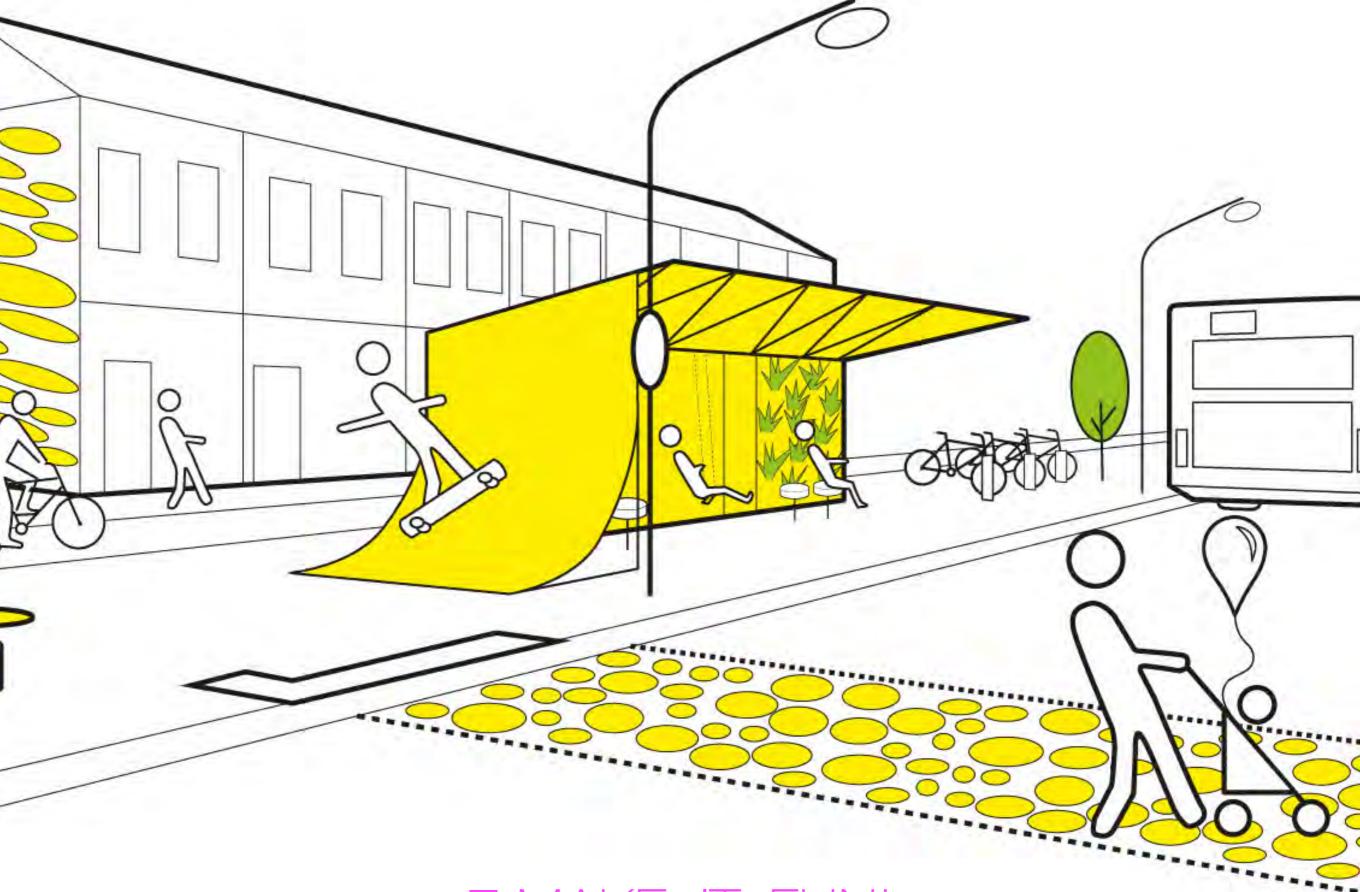
6 MAKE IT GOOD FOR CHILDREN

@chriscities





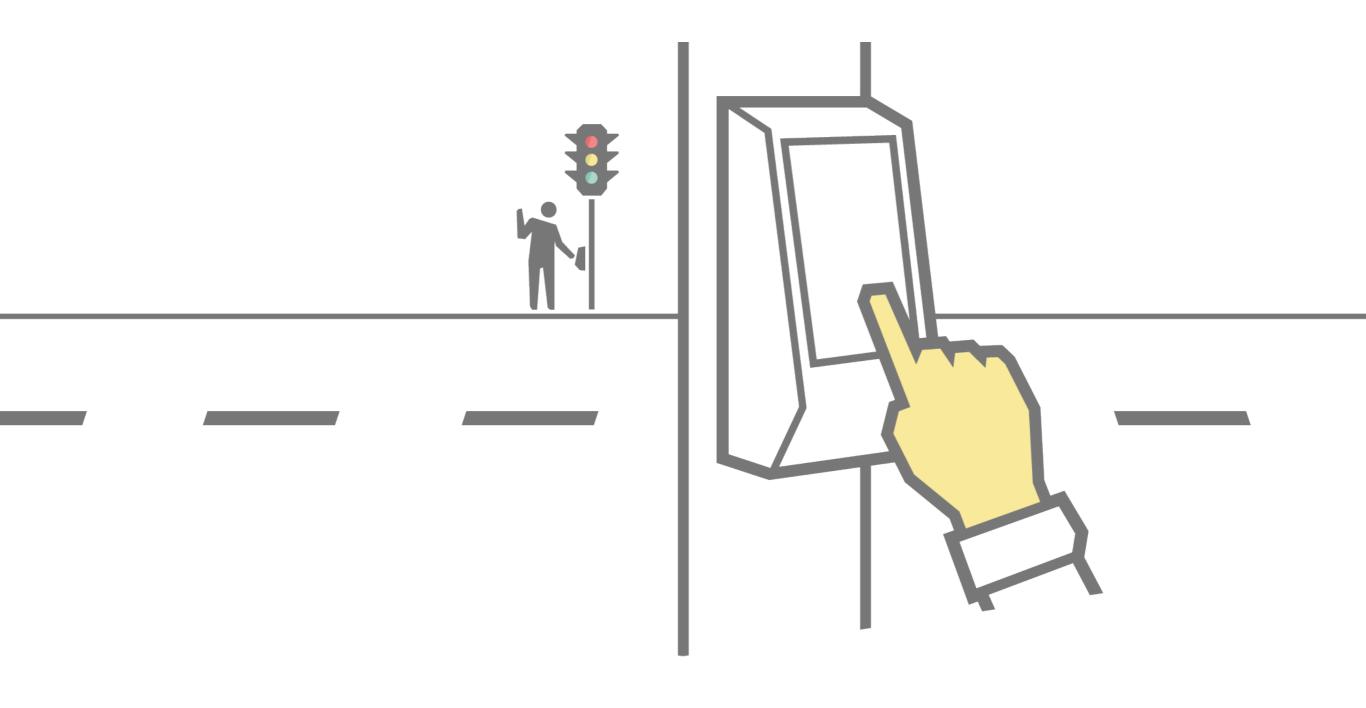




7 MAKE. IT. FUN!



@chriscities



7 MAKE. IT. FUN!



















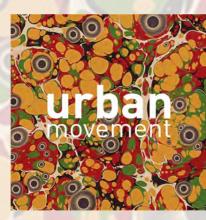










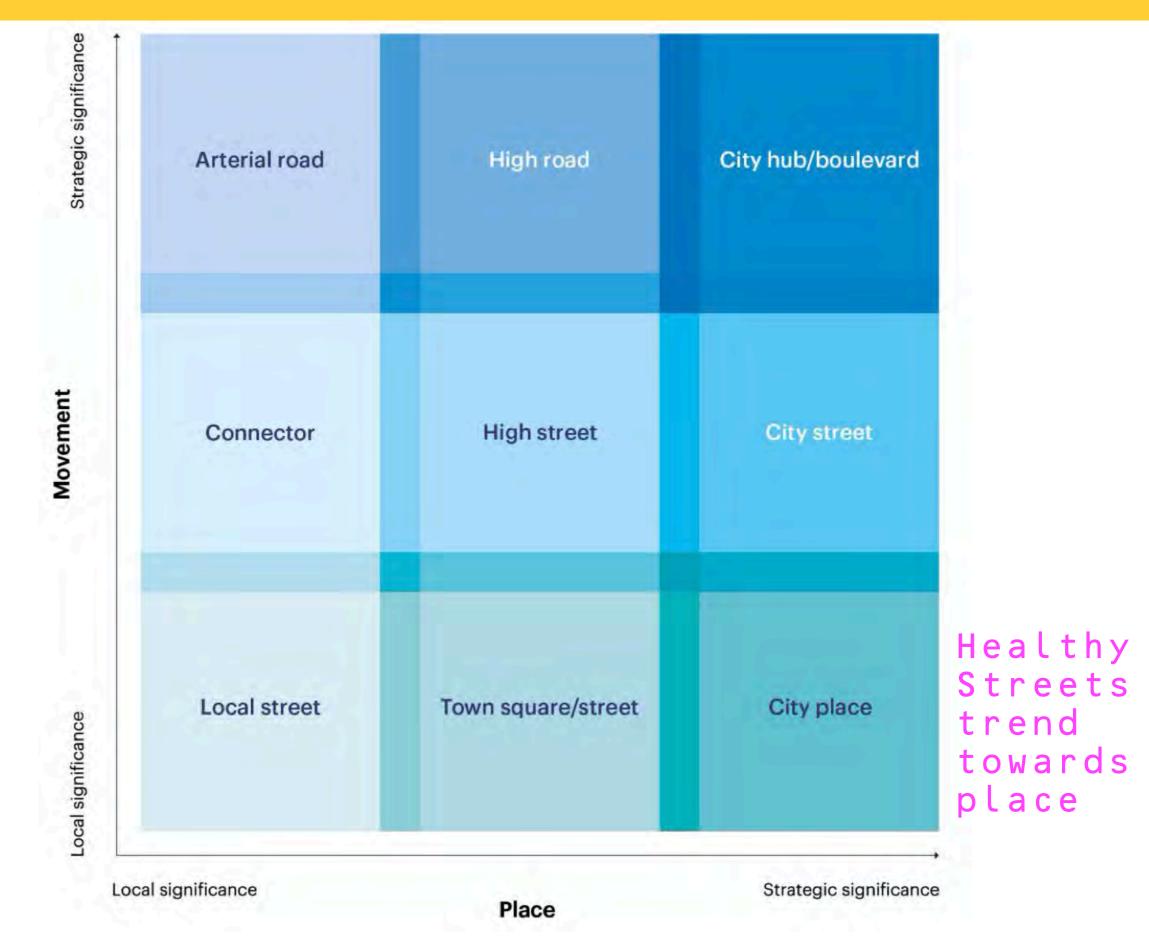


Board of Trustees of Living Streets UN Habitat Planning + Climate Action Group

c.martin@urbanmovement.co.uk

@chriscities





Successful arterial roads should provide reliable major routes for large volumes of traffic that mitigate the impact on adjacent communities	Successful high roads should provide reliable major routes through London with vibrant, safe, secure and well-maintained urban environments, and make shops and services easily accessible	Successful city hubs/ boulevards should provide vibrant focal points for business and culture. They should reduce the impact of high traffic volumes while accommodating high pedestrian flows, bus access and essential traffic
Successful connectors should provide reliable routes for medium distance and local road journeys, comfortable roads for cyclists and safe and secure routes for pedestrians	Successful high streets should provide access to shops and services by all modes, and ensure a high-quality public realm and strong focus for community life	Successful city streets should provide a world- class, pedestrian friendly environment while ensuring excellent connections with the wider transport network
Successful local streets should provide quiet, safe and desirable residential areas that foster community spirit and local pride	Successful town squares/ streets should provide focus areas for community activity and services (retail, leisure, public, etc.) with ease of pedestrian movement a priority	Successful city streets should provide world-class pedestrian friendly environments to support their role as places of major significance and encourage high levels of street activity and vibrancy

Local significance

Strategic significance



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Local significance Place Strategic significance



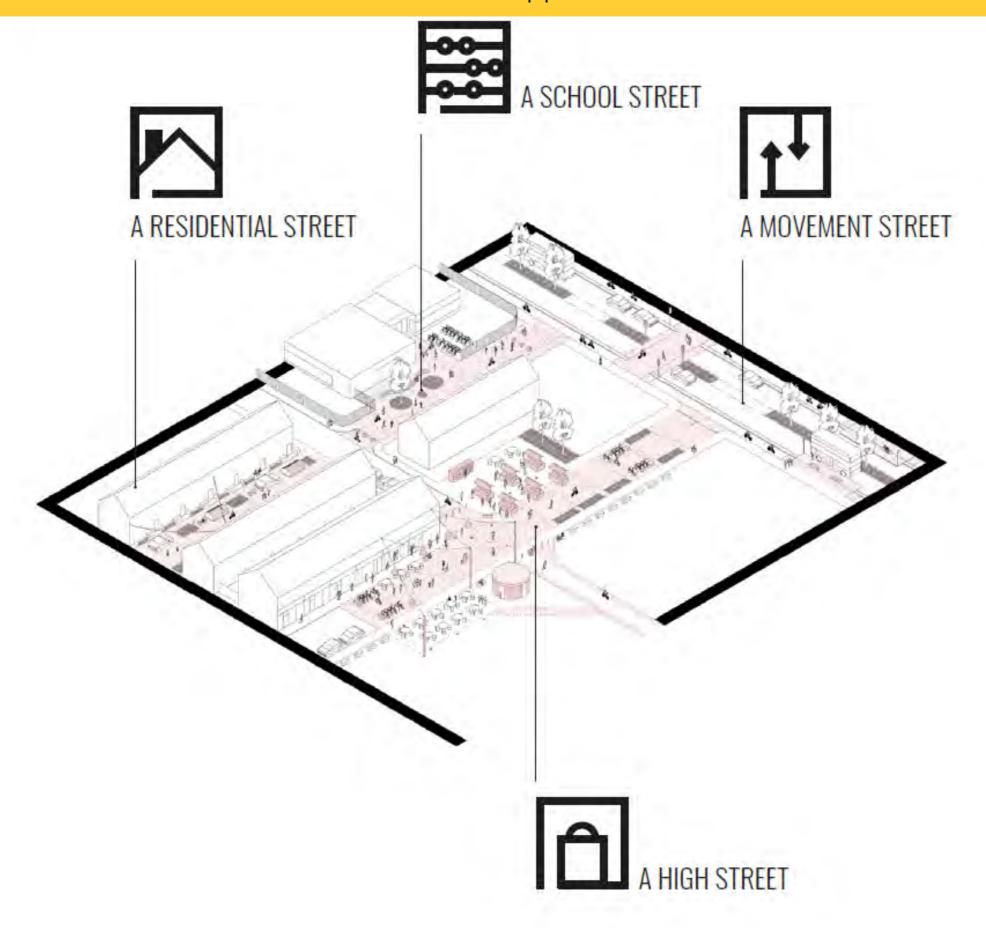
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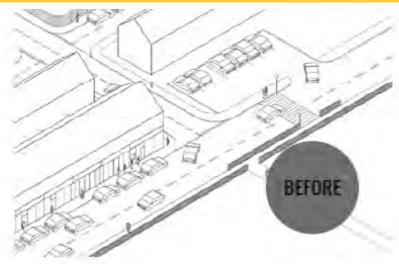




High Street

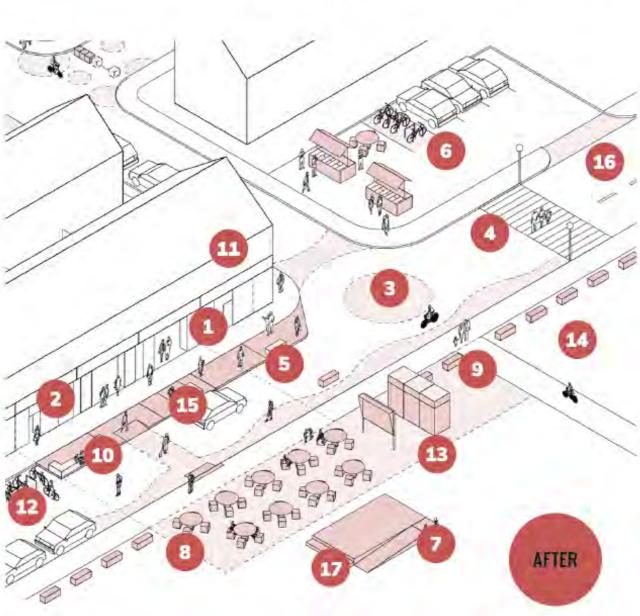
Key aims

Create more space for people to socially distance and for businesses to thrive. Inclusive design is key to make sure everyone, including children and older people are welcome.



LABELS

- Make space outside shops/business using lane width or parking spaces
- 2. Material or decking kits for businesses
- Outdoor programming, classes and cultural activities/hospitality
- Restrict and slow traffic—allow access at 5mph
- 5. Open street areas
- 6. Market stalls or shop spillover
- 7. Open air theatre space
- 8. Alfresco dining and outdoor seating
- 9. Outdoor toilets
- Movable barriers and gateway treatments
- 11. Meanwhile use shop space
- 12. Additional cycle parking
- 13. Public health guidance updates
- 14. Park access opened up
- 15. Additional crossing points
- 16. Divert bus routes
- Ensure accessibility and inclusive design at all times





Credit: Street Pod

High Street with Restricted Access

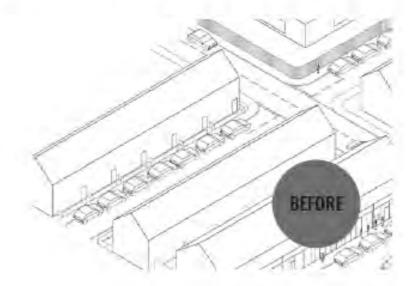
- 1. Neighbourhood mobility hub
- 2. Toilets
- 3. Shared, slow streets-access only
- 4. Micromobility/bike parking zones
- 5. Space for social activities
- 6. Wifi hotspots and power points
- 7. Lighting
- 8. Greening/SUDS
- **9.** Space for artistic and cultural performances
- 10. Improved park access
- **11.** Review and monitor inclusiveness of public usetimes





Key aims

Turn residential streets into slow, communityorientated streets where people can sit, meet, exercise and play-where cars are guests.

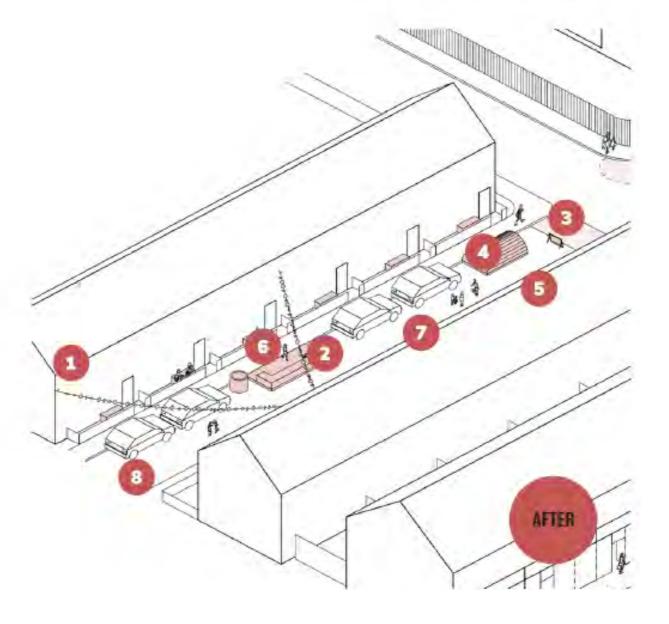




Credit: @RailtonLTN / LB Lambeth

LABELS

- 1. Hooks for bunting
- 2. Planters
- 3. Build out crossing point
- 4. Bike hangar
- 5. Temp play street signage
- 6. Parklet
- 7. Support social possibilities e.g. stoop/gardens
- 8. Restrict through traffic





Credit: Colvestone Parklet, Hackney



Credit: @GMLoveYourBike

Movement Streets

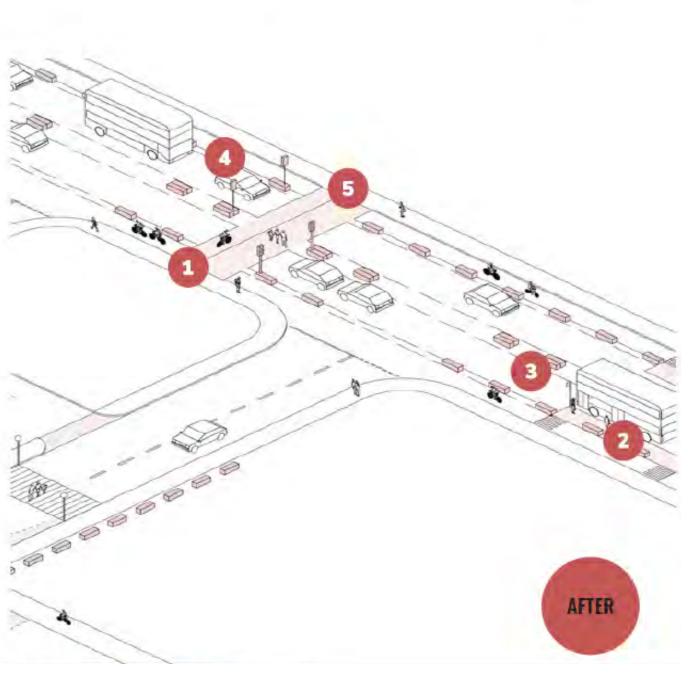
Key aims

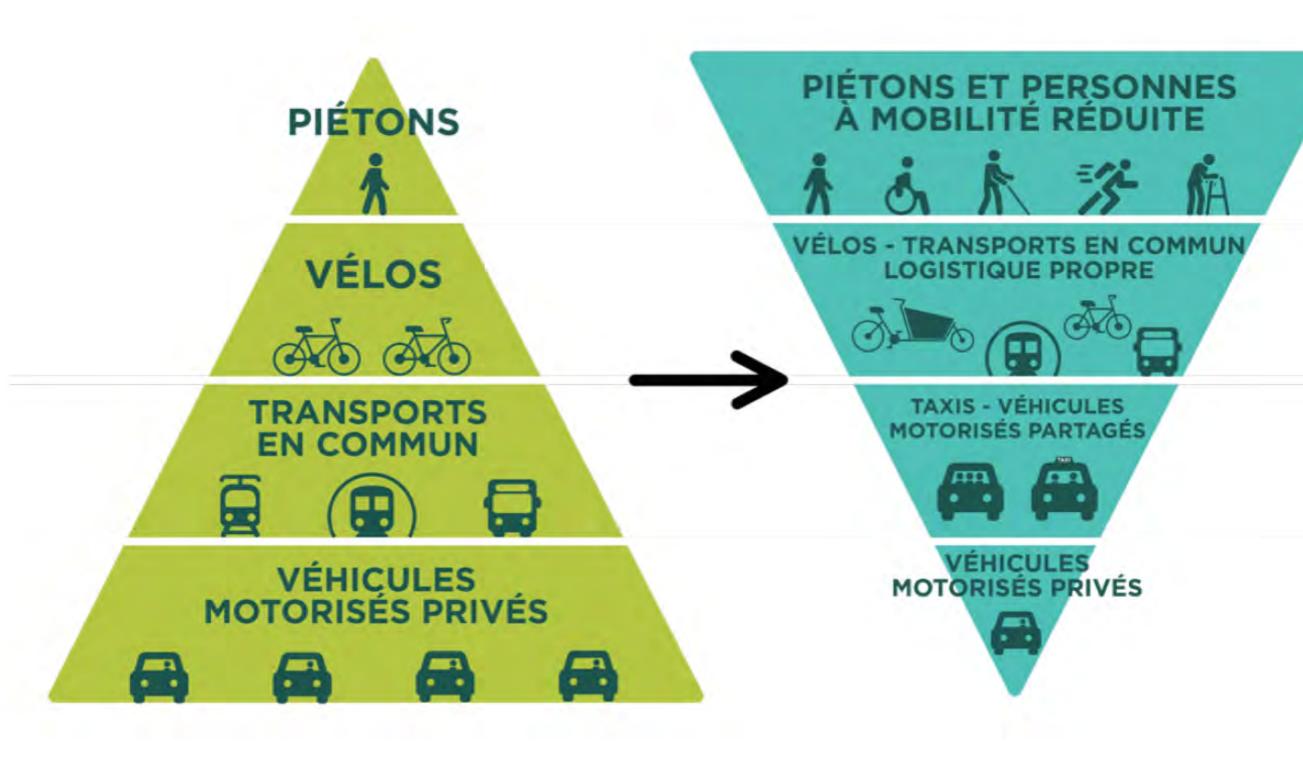
The government wants authorities to offer a real alternative to car driving and public transport by providing a safe network of direct and comfortable routes for socially distanced cycling and walking from home to all key destinations.



LABELS

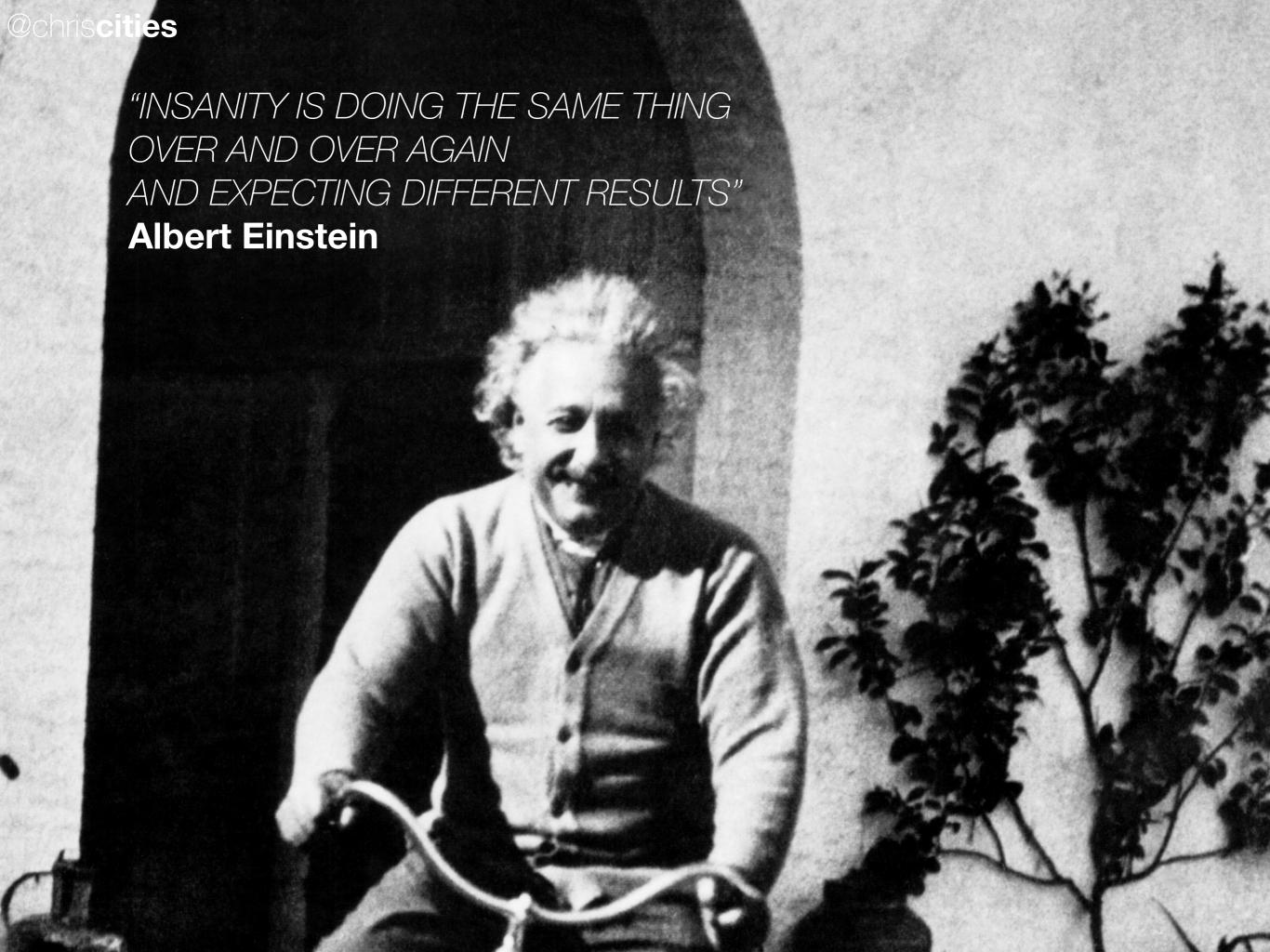
- 1. Planters to segregate bike lanes
- 2. Build out for bus stop
- 3. Control speeds e.g. 20mph, narrowing
- Make space for emergency vehicles at junctions
- 5. Automated signals (no press)











1885



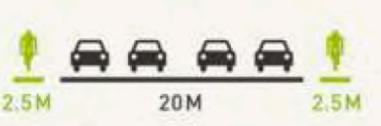








TRAFIKSTYRELSEN, BANE DANMARK, WIKI



25% SPACE

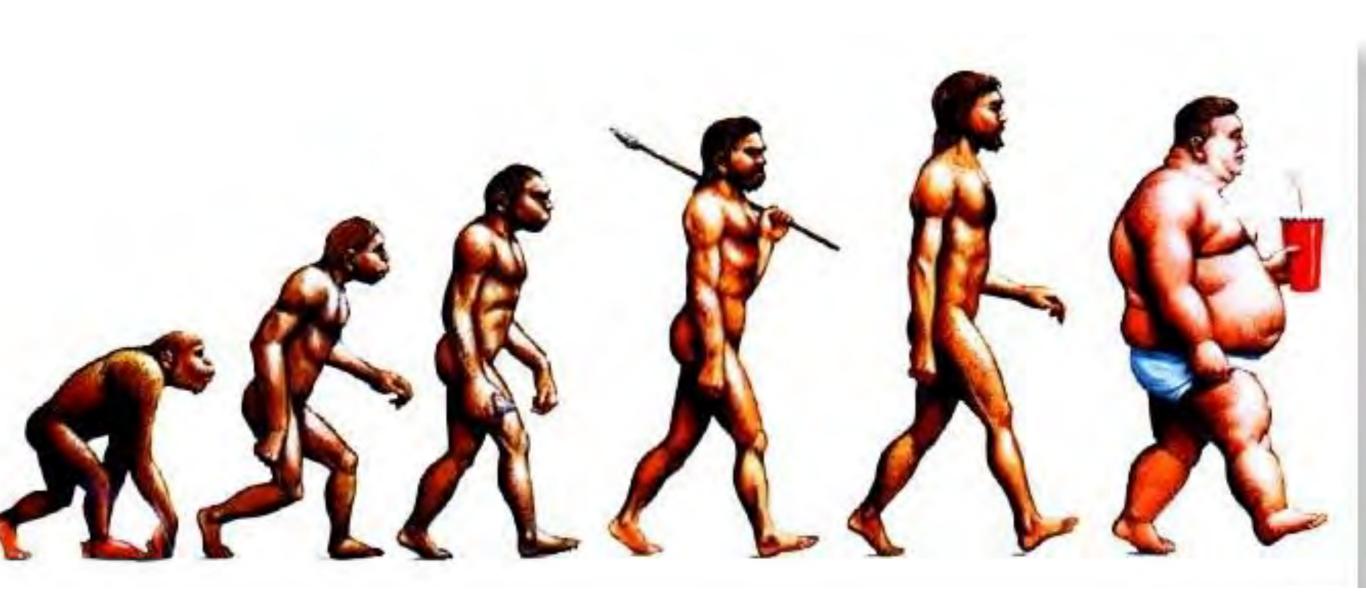


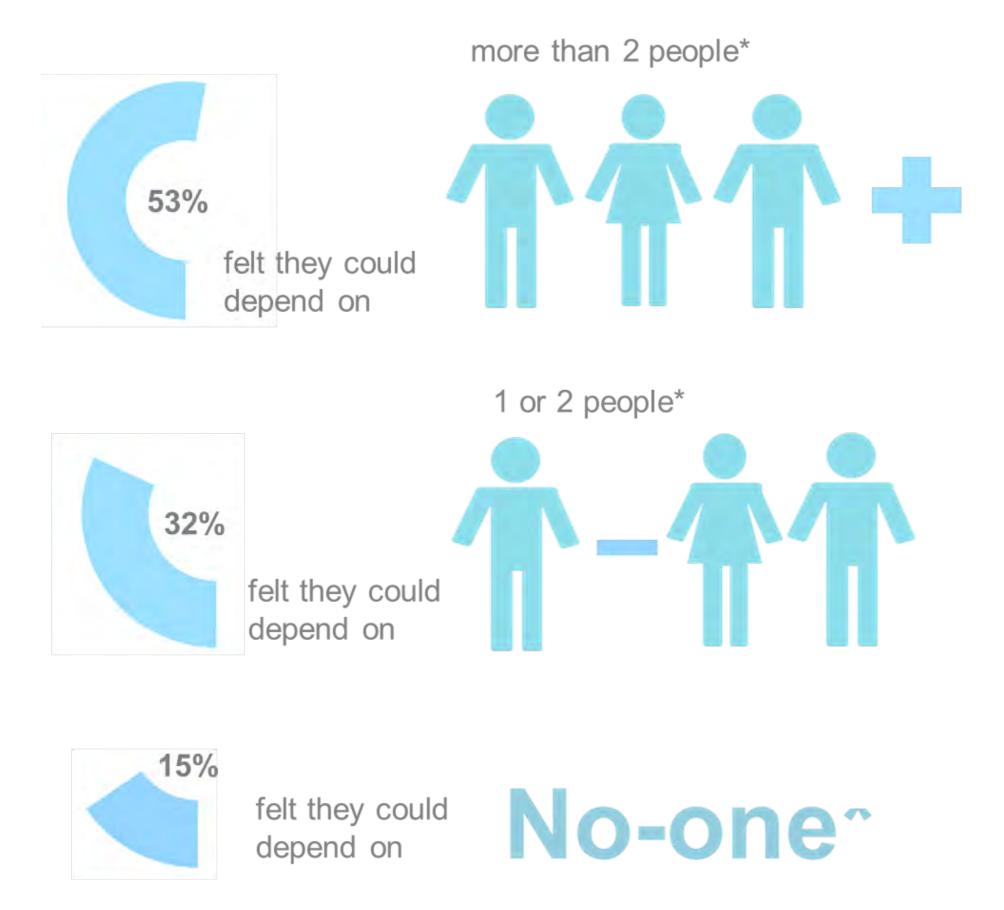
95% CAPACITY



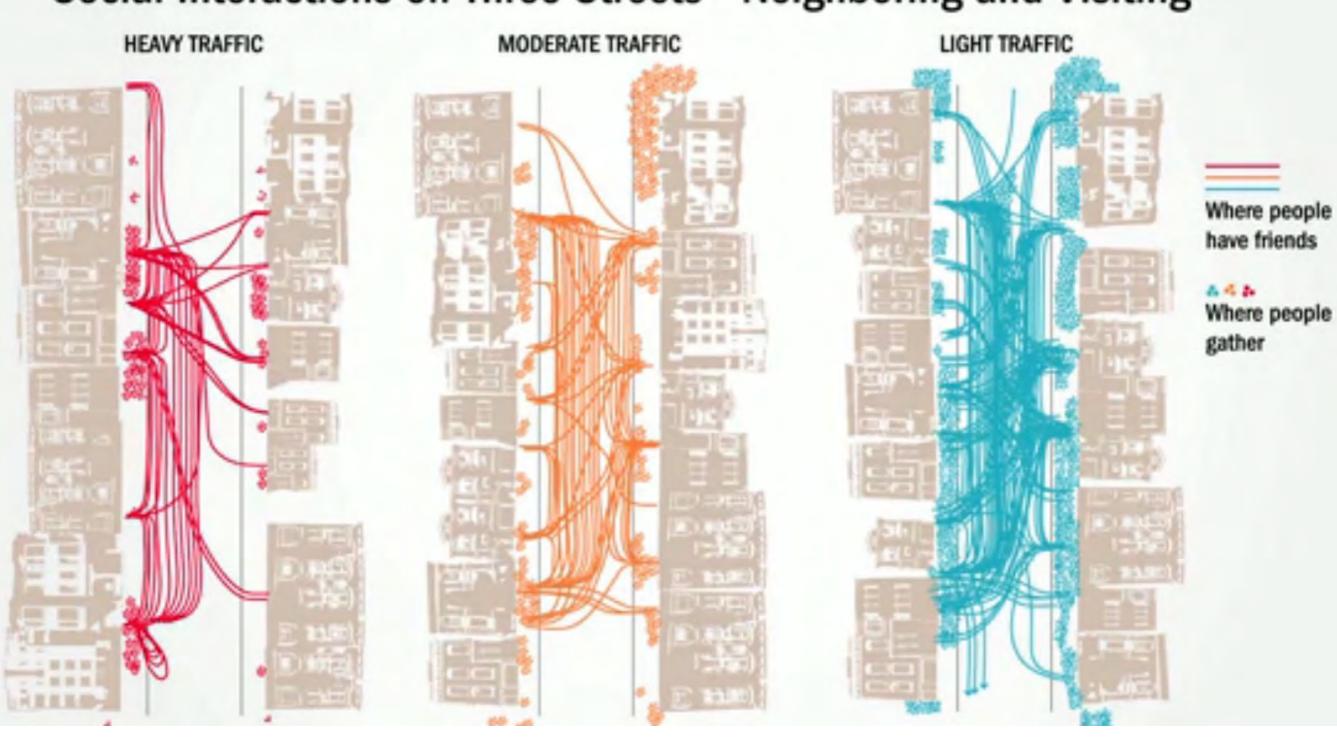


1.3% COST

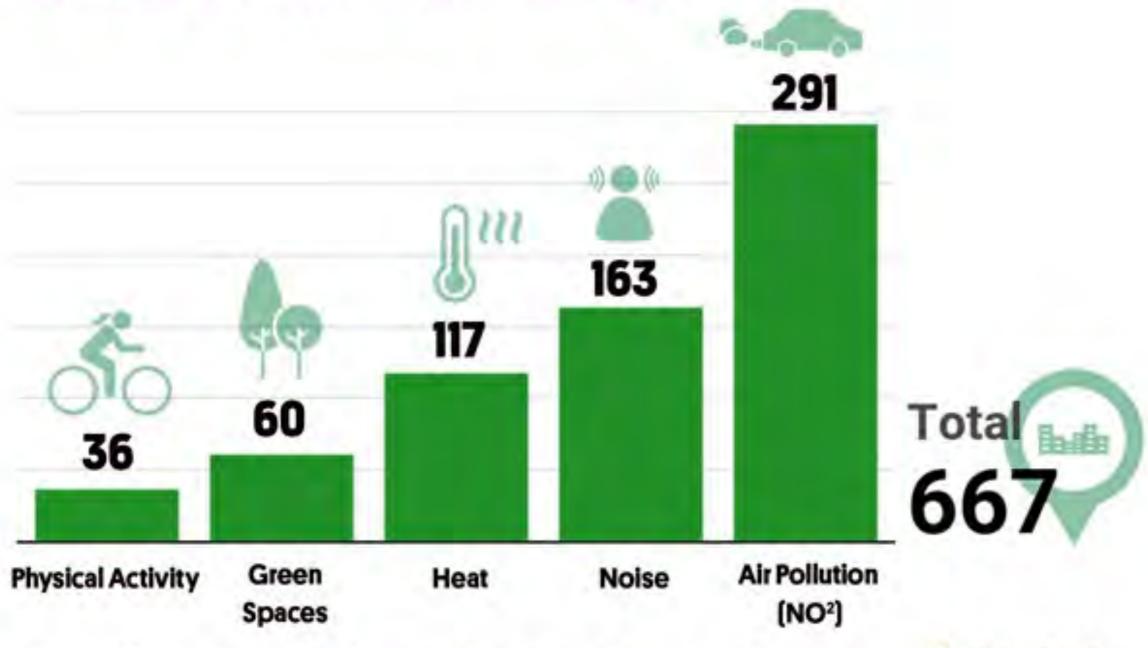




Social Interactions on Three Streets - Neighboring and Visiting



Annual Premature Deaths that the "Superblocks" Model Could Avoid in Barcelona



Source: Mueller et all. Changing the urban design of cities for health: the Superblock model. Environment International. 2019



People Killed Annually By

Inactivity 5,300,000



Smoking 5,000,000

Mosquitos 725,000

Snakes 50,000

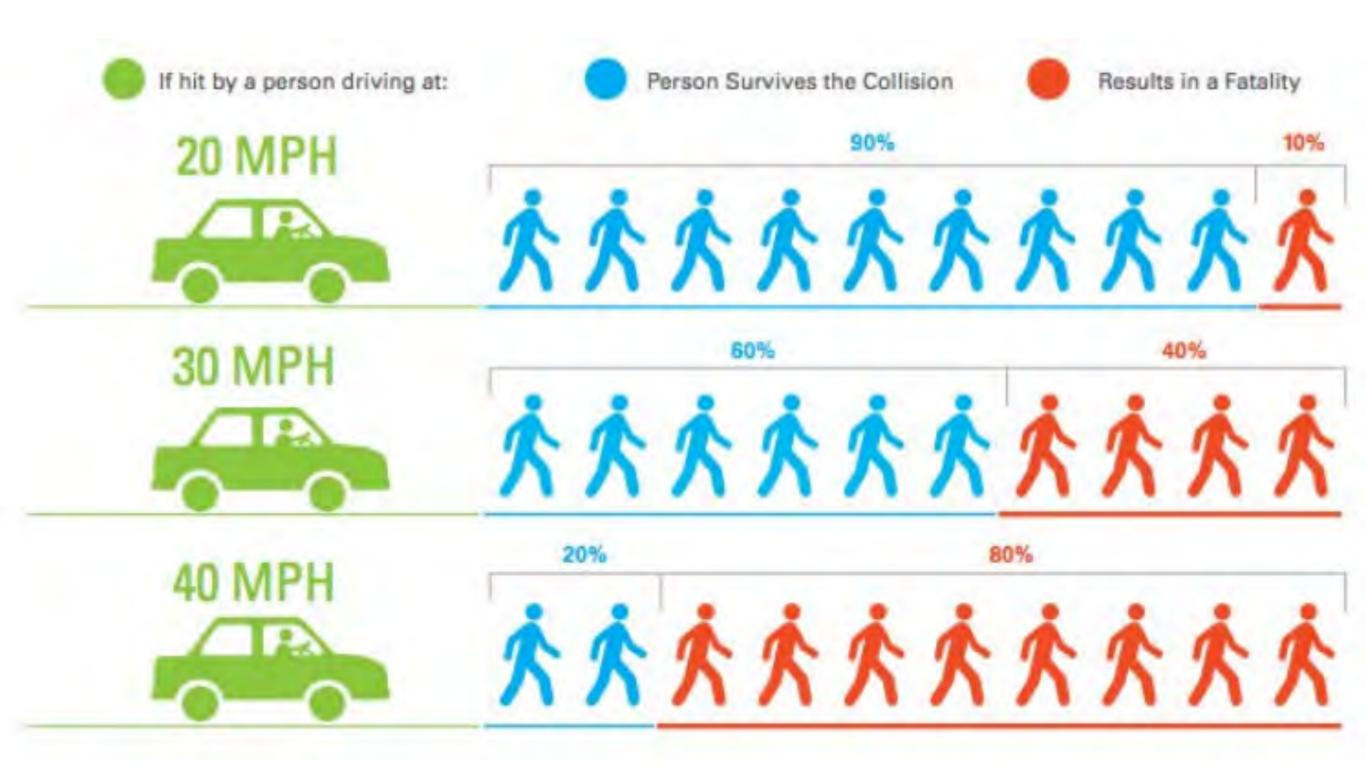
Sharks 10





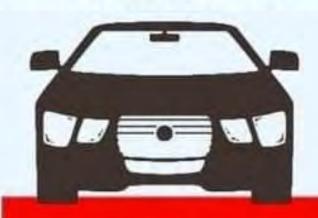






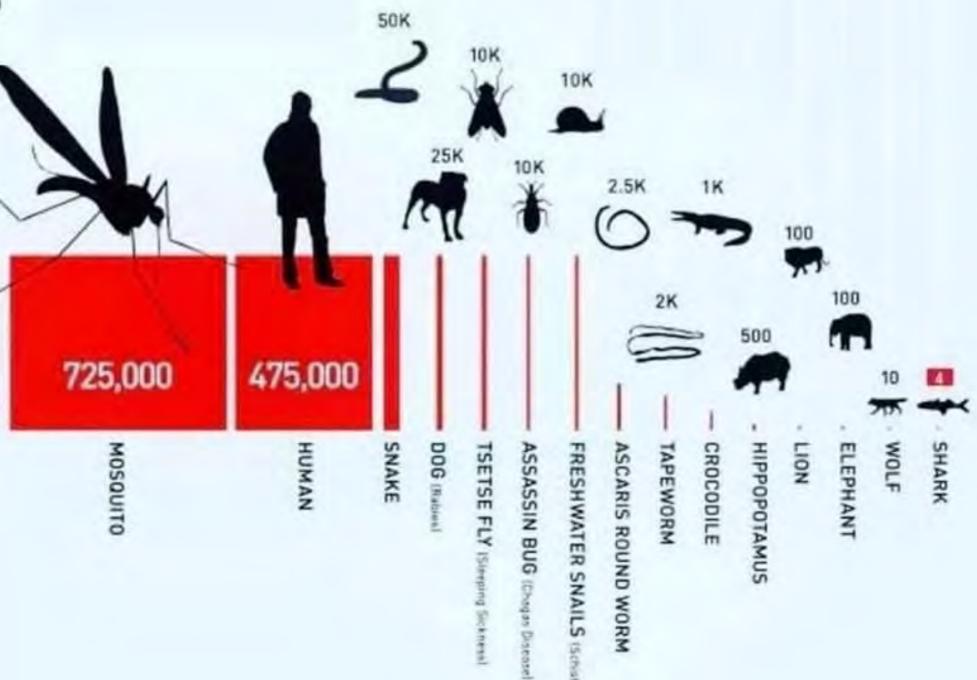
WORLD'S DEADLIEST ANIMALS

NUMBER OF PEOPLE KILLED BY ANIMALS PER YEAR



1,300,000

CAR





The plan for Greater Manchester's cycling and walking network

The first 15 infrastructure projects that could be funded as part of Greater Manchester's cycling and walking infrastructure proposal.

Key

Dots: Crossing points and junction upgrades

O Circles: Cycle parking at Metrolink Stations

Green lines: Confirmed Beelines

Yellow lines: Proposed Beelines

Thicker yellow lines: Proposed Beelines on a busy road, offering full segregation and public realm improvements

Wigan

Extension of the innovative Saddle Junction cycle facility to the southwest, connecting with Alexandra Park

60 new or upgraded crossings or junctions

15 miles of new cycling and walking routes

Six miles of Dutch-style segregated cycling lanes

Salford

Junction enhancements

in Swinton and Walkden

Junction enhancement

Complete transformation of Chapel Street East

at Broad Street/ Frederick Street

Alexandra Fark

cein topyingfill and distalese rights 20% 05 00002260. In of this data is subject to terms and conditions, You are gentary a meetinalise, regular from, repossibilit licence solely to virine the Licenced at for non-commercial purposes, for the period during which transport is lived that processing the product of the period during which transport is invaled that charter makes it availables; you are not germated to copy, of content, distributely, set or otherwise make available the Locanove that the processing to the process of the processing of the setting of this and while the reserved to Continue there is and a processing to continue there are and a processing to the processing the processing of the and a processing to the processing of the processing the processing of the and a processing the processing to the processing the processing the processing the and a processing the pr Bury

16 new or upgraded crossings and junctions

Cycle parking at nine stops on the Bury Metrolink line Rochdale

and walking

Major enhancement to the high street in Castleton, including new facilities for cycling

> Refurbishment of King Street West bridge

Oldham

Refurbishment of Union Street West bridge

Tameside

Package of improvements including creating filtered neighbourhoods where people are prioritised over cars

Trafford

Bolton

New route to the town

centre, running parallel

to Chorley Old Road

Upgrade to cycling and walking provision where Talbot Road meets White City Way and Seymour Grove

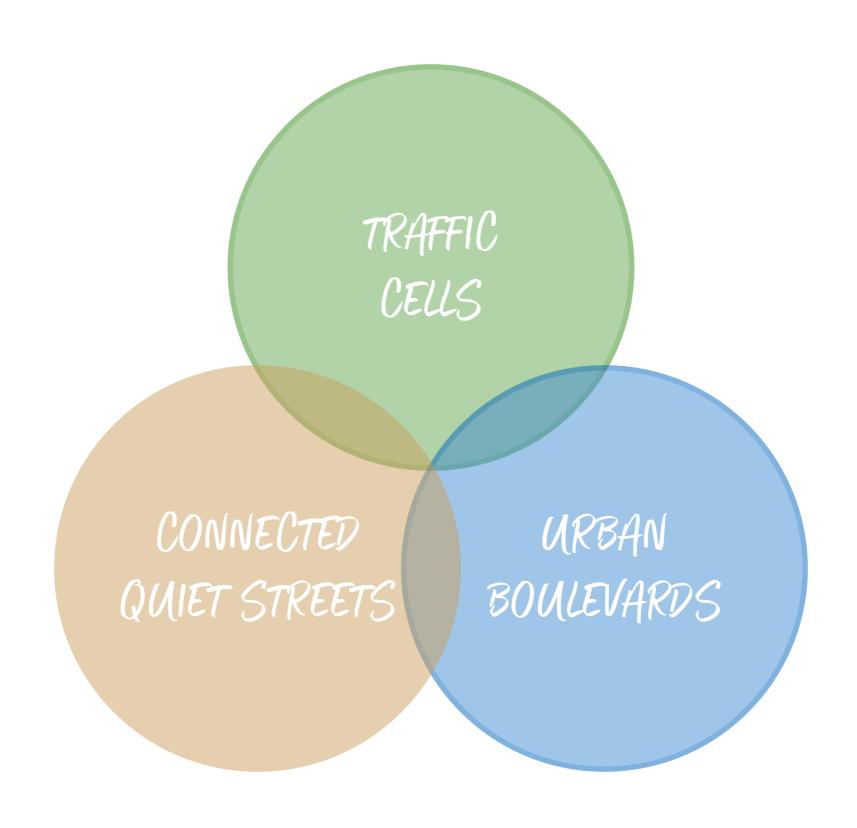
Manchester

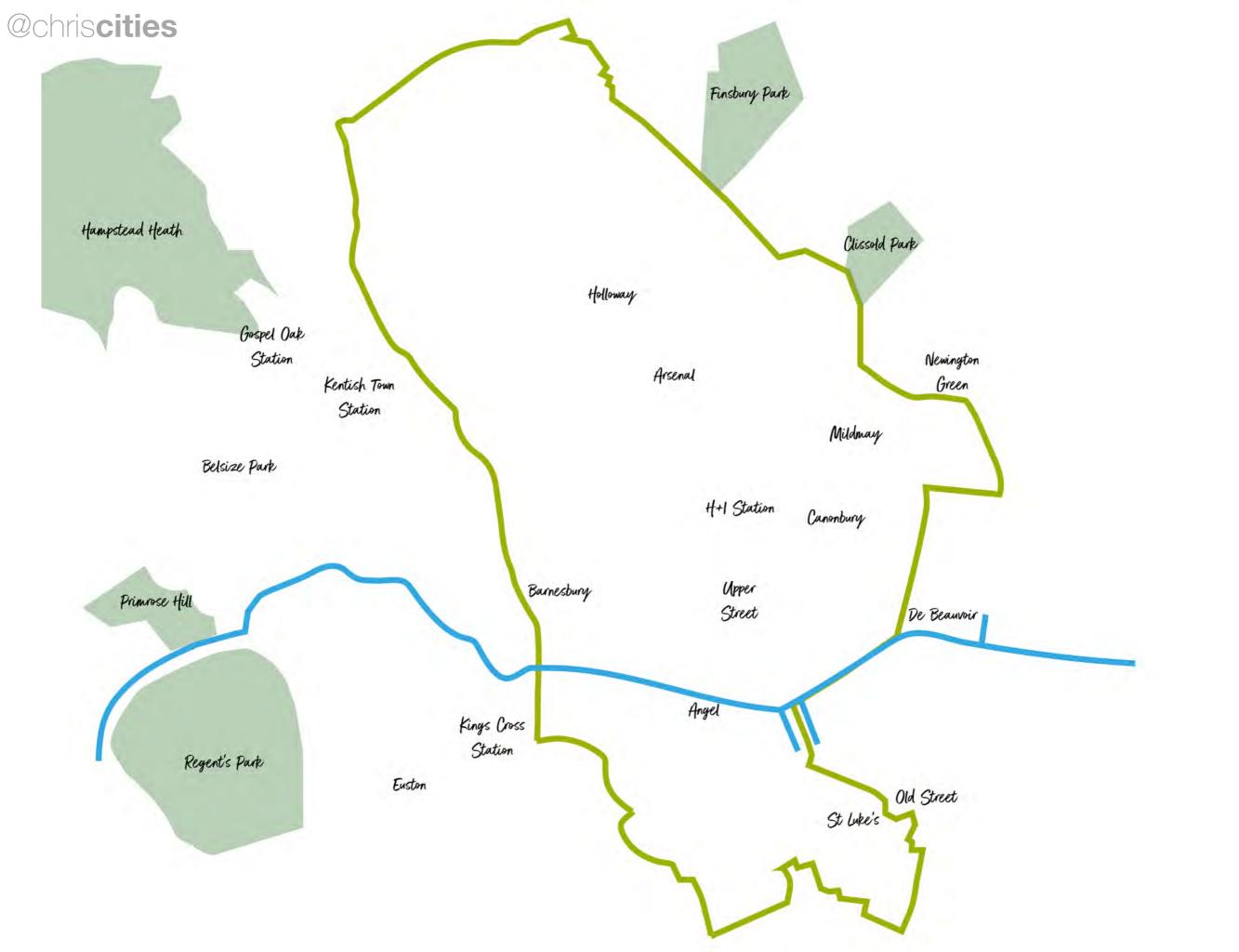
Segregated cycling route to the city centre from Chorlton Stockport

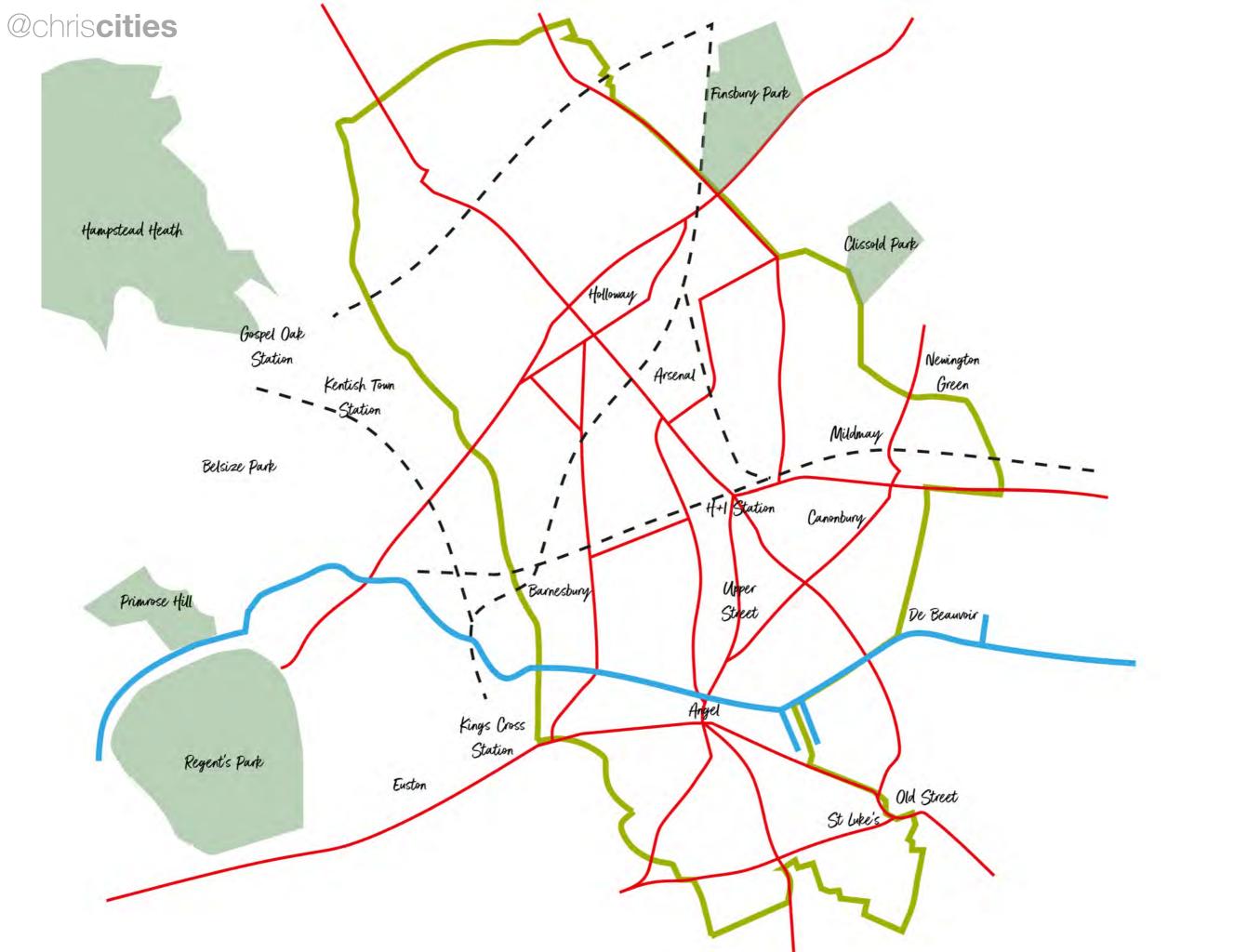
Gillbent Road crossing upgrade, Cheadle Hulme

New cycling and walking route from Brinnington to Stockport town centre













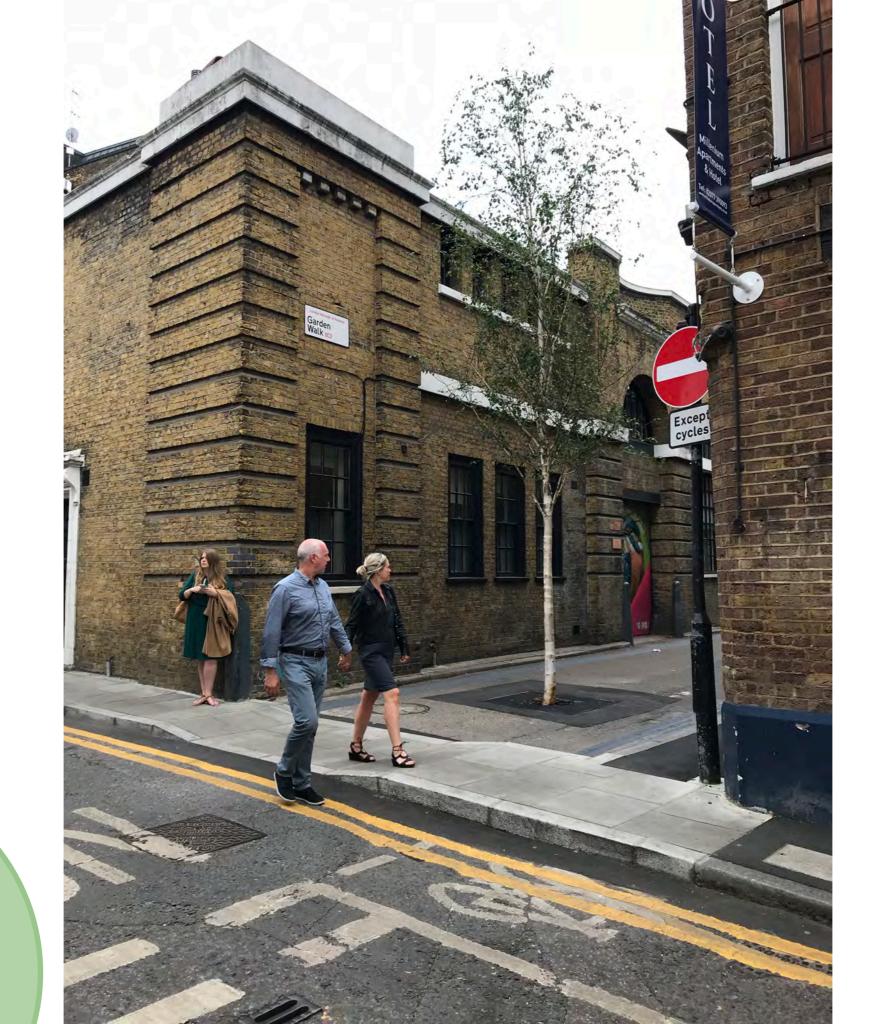












TRAFFIC CELLS

@chriscities























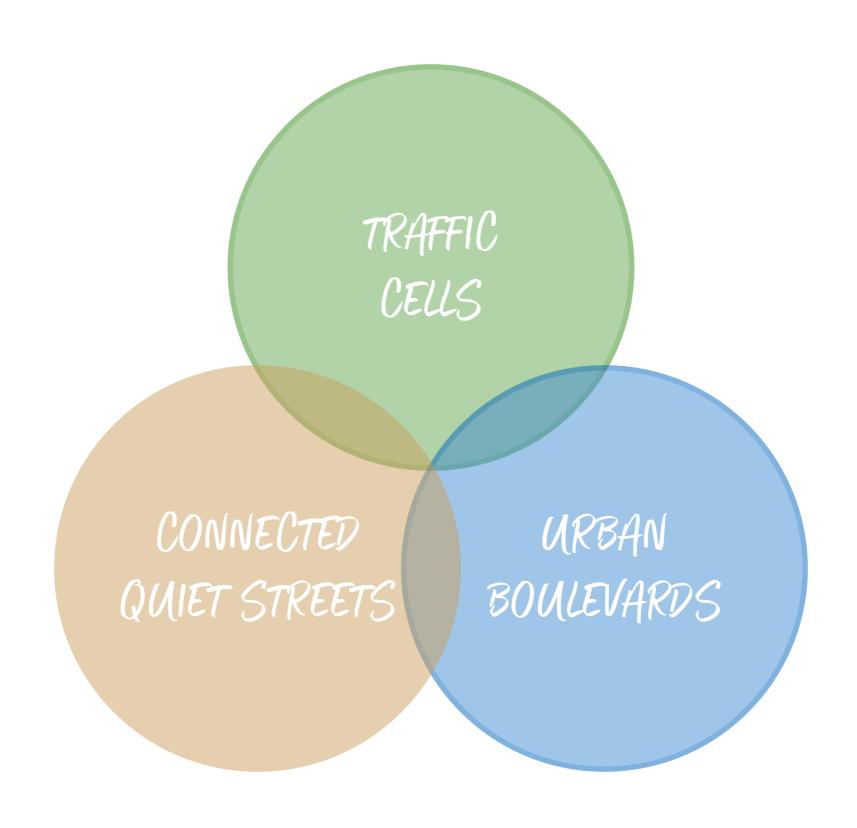








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Design Council.

April 2021



Our strategy





Our vision is a world where design, as a force for change, makes lives better for all.

What is design?



A mindset and skillset.
Critical thinking and creativity combined.
Much more than aesthetics.



Head

Problem solving

The ability to visualise and conceptualise the intangible.

Heart

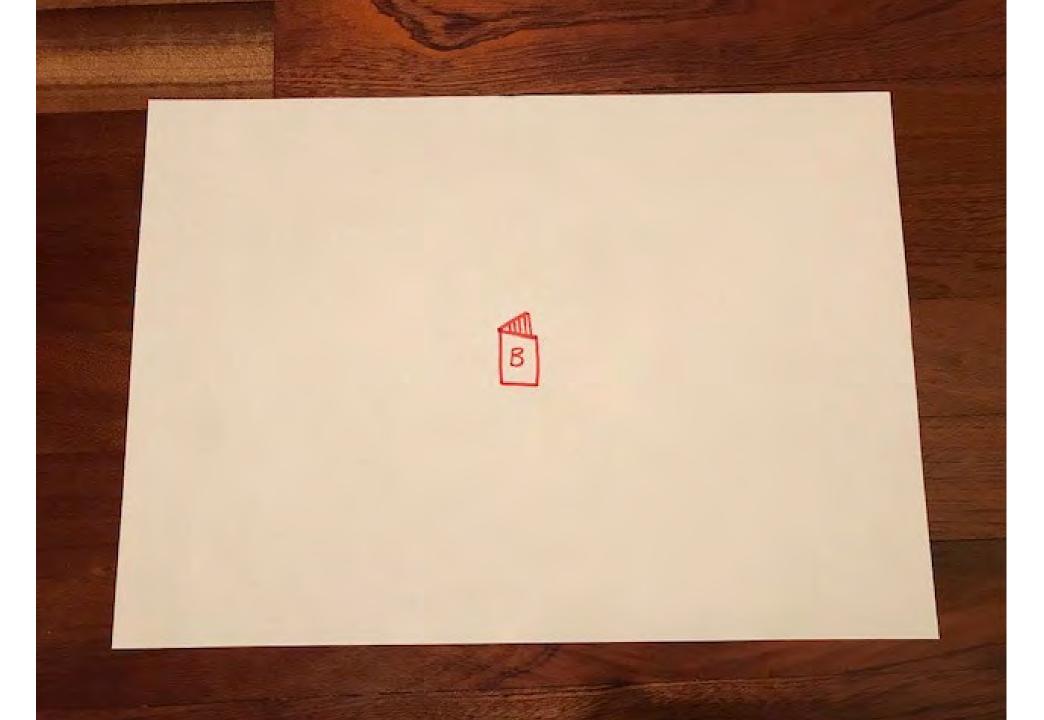
Humanity centred

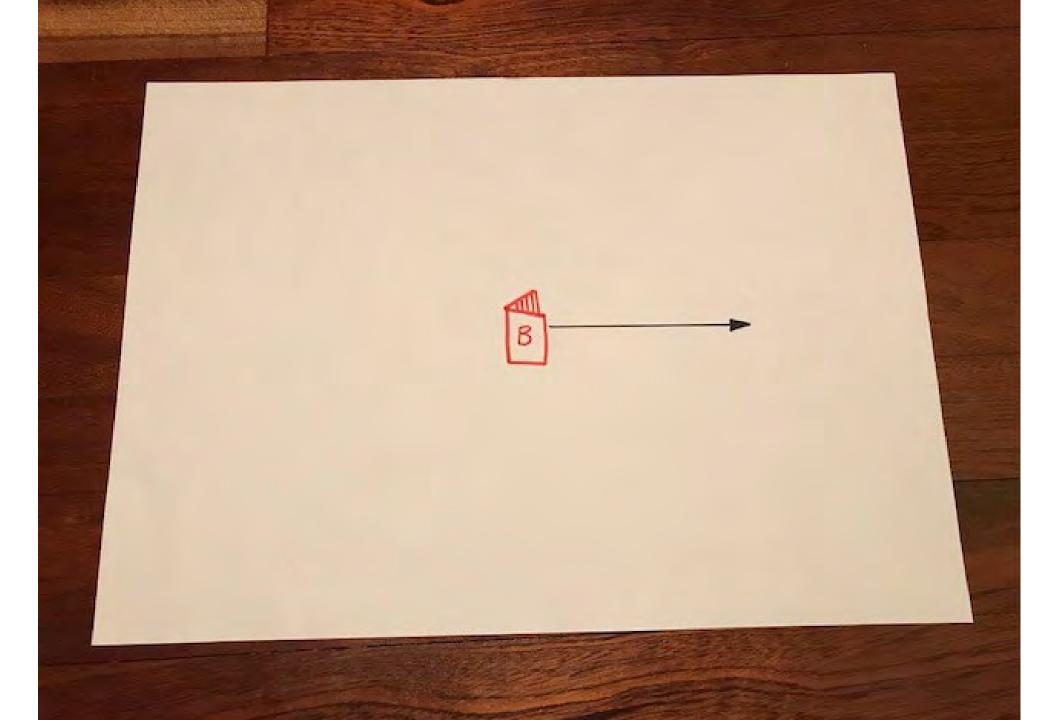
The passion and curiosity to design solutions that are right for people and planet.

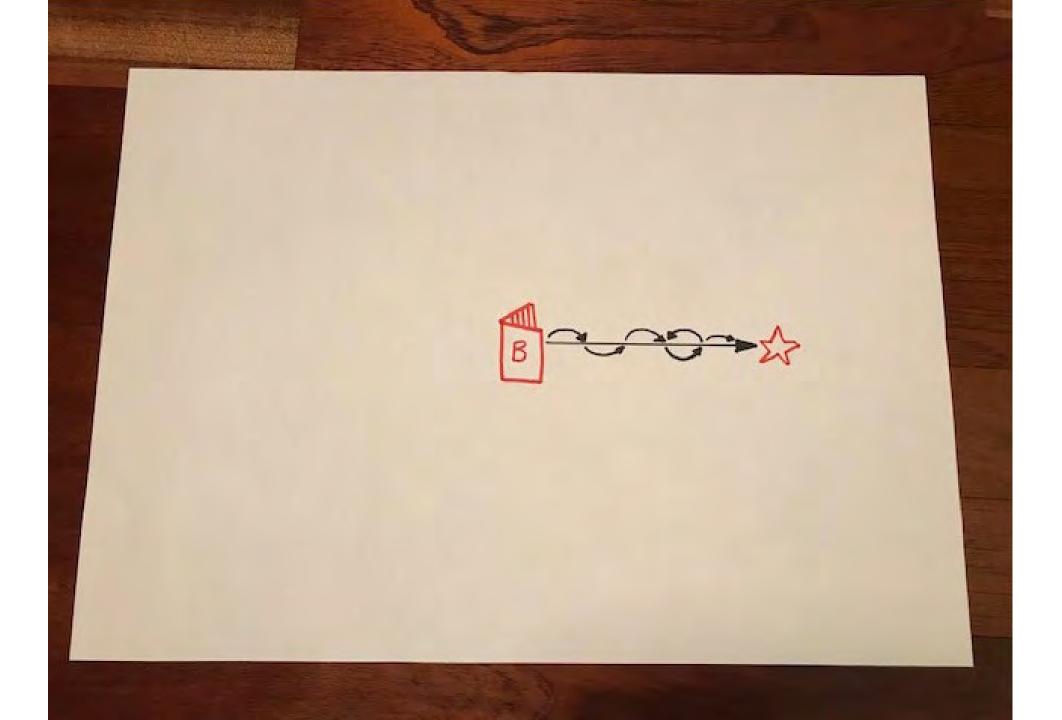
Hand

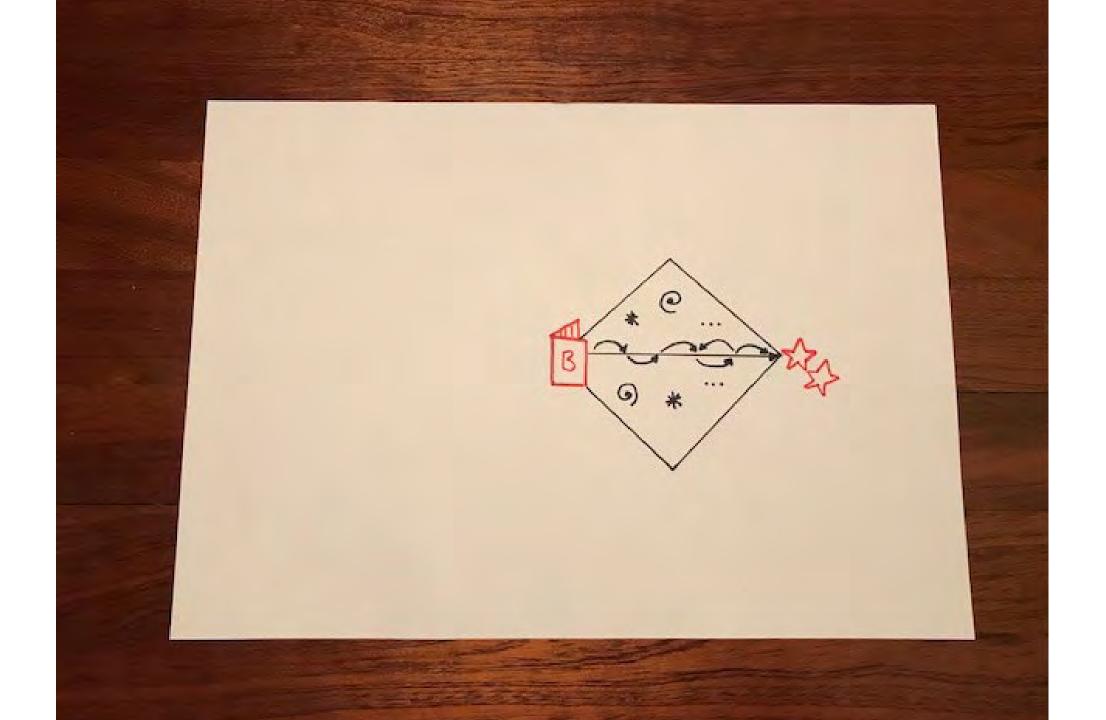
Practical skills

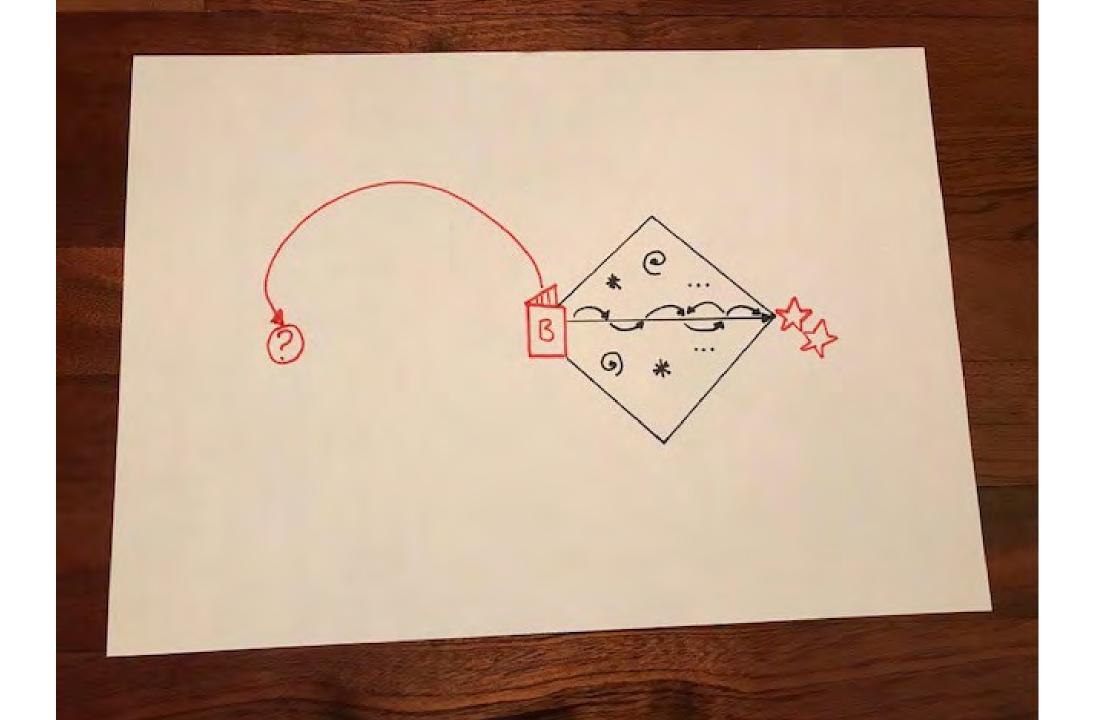
The technical abilities to enable the end goal to be reached.

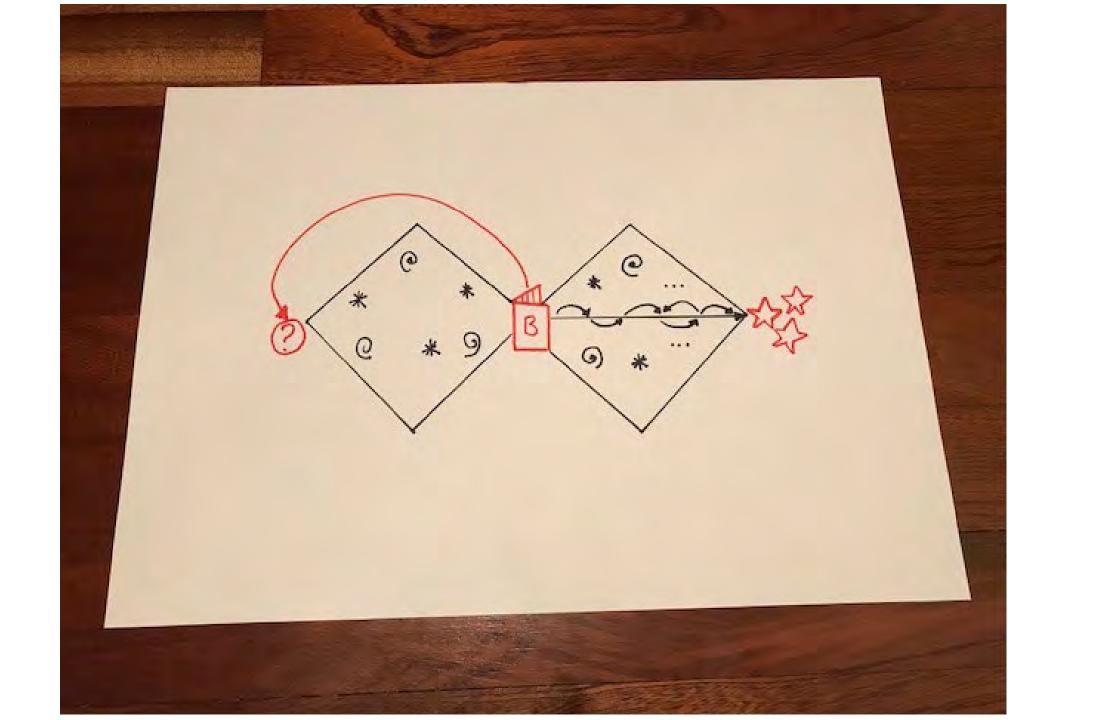


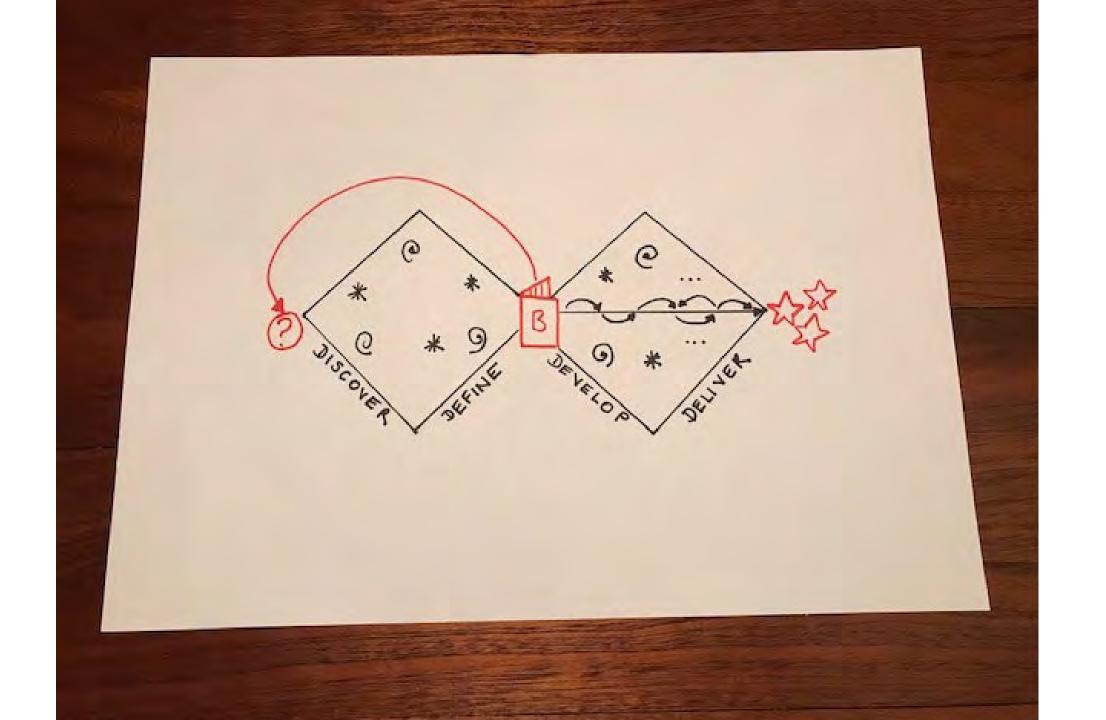


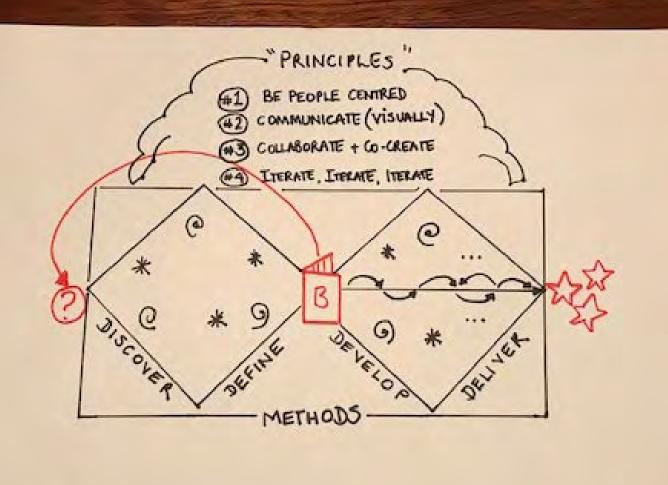












What this means





People centred: Don't jump straight to the solution but think about people's experience first

Inclusively: Work inclusively to bring in people with different perspectives

Co-create and collaborate: jointly create ideas and deliver them

Iterate, iterate: Test your way to a solution





Inclusive Environments Programme

Design Council's Inclusive
Environments programme
aims to raise awareness
amongst built environment
professionals about the
importance of designing
places that meet the needs of
the diversity of people who
want to use them.

















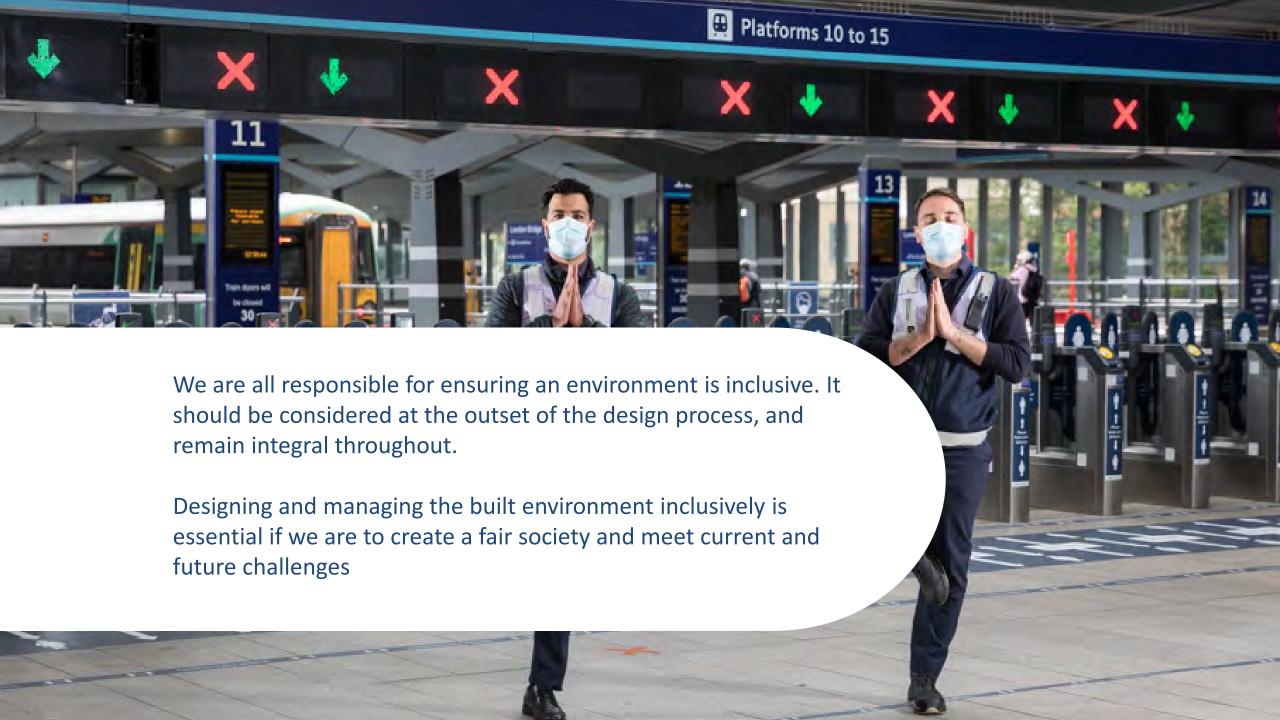
Inclusive design creates **environments** which can be used **safely, easily** and with dignity by all. It is convenient and **welcoming** with no disabling barriers, and provides **independent access** without additional undue effort, separation or special treatment for any group of people.







Inclusive design has a significant role to play in tackling social disadvantage, minimising risks to physical and mental health and creating economic resilience.







Five Principles

1.



Inclusive design places people at the heart of the design process 2.



Inclusive design acknowledges diversity and difference

3.



Inclusive design offers choice where a single design solution cannot

4.



Inclusive design provides for flexibility in use

5.

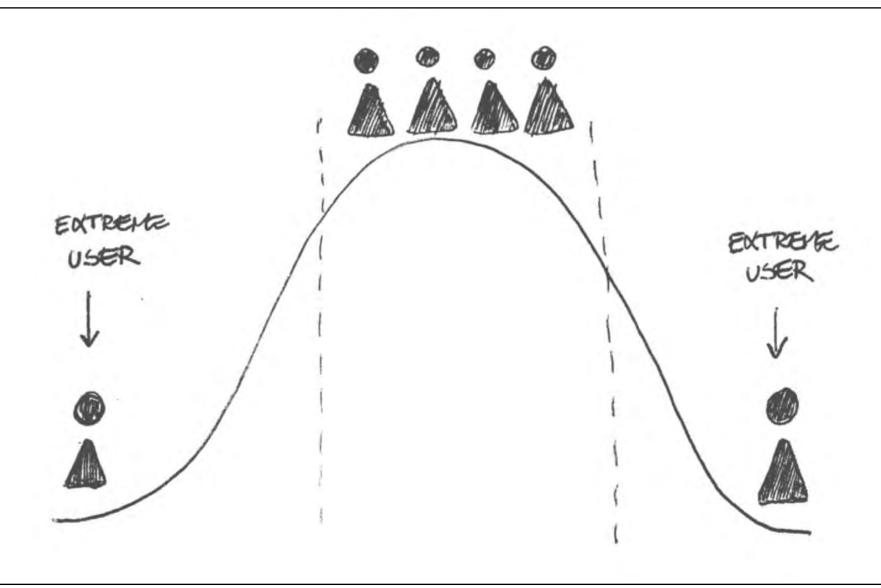


Inclusive design provides buildings and environments that are convenient and enjoyable to use for everyone



Stakeholder Management

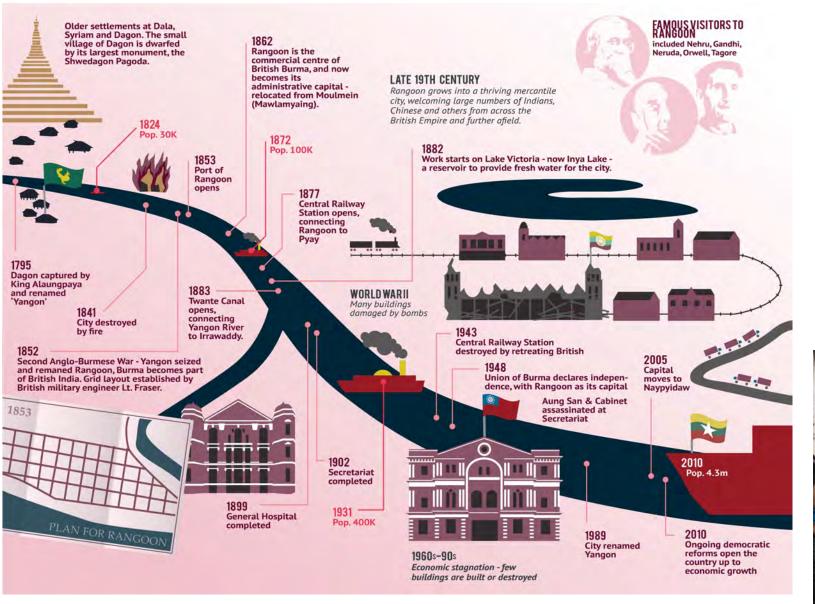




















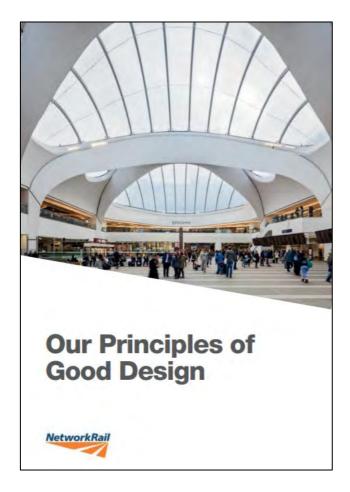


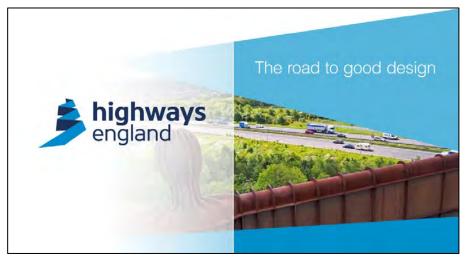




Translating a vision into reality







National Design Guide

Planning practice guidance for beautiful, enduring and successful places







Introducing the ten characteristics

- characteristics which work together to create its physical **Character**. The ten characteristics help to nurture and sustain a sense of **Community**. They work to positively address environmental issues affecting **Climate**. They all contribute towards the cross-cutting themes for good design set out in the National Planning Policy Framework.
- 36 The ten characteristics set out in Part 2 are:
- Context enhances the surroundings.
- Identity attractive and distinctive.
- Built form a coherent pattern of development.
- Movement accessible and easy to move around.
- Nature enhanced and optimised.
- Public spaces safe, social and inclusive.
- Uses mixed and integrated.
- Homes and buildings functional, healthy and sustainable.
- Resources efficient and resilient.
- Lifespan made to last.



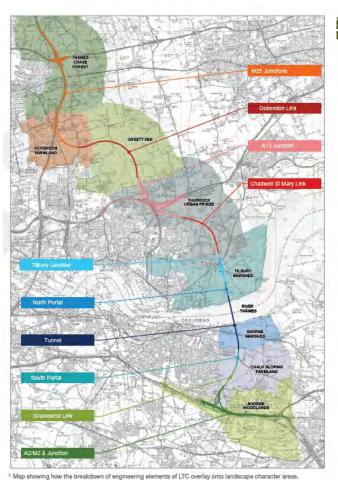
The ten characteristics of well-designed places

Design Principles



Design Narrative













- . Complex junction arrangement and
- . Wasving and marging movements

interface with the local road network

- Signage requirements
- . Complex traffic management
- . Provision of space on connector

- Oreste strong and recognisable experience for users of A2 junction to signify the start or

- of the strategic road network
- Off network access to
- Provision for walking, cycling and horse riding

Opportunities

- Wood and Shores Wood.
- · Potential to use green bridger

with incidents and accidents

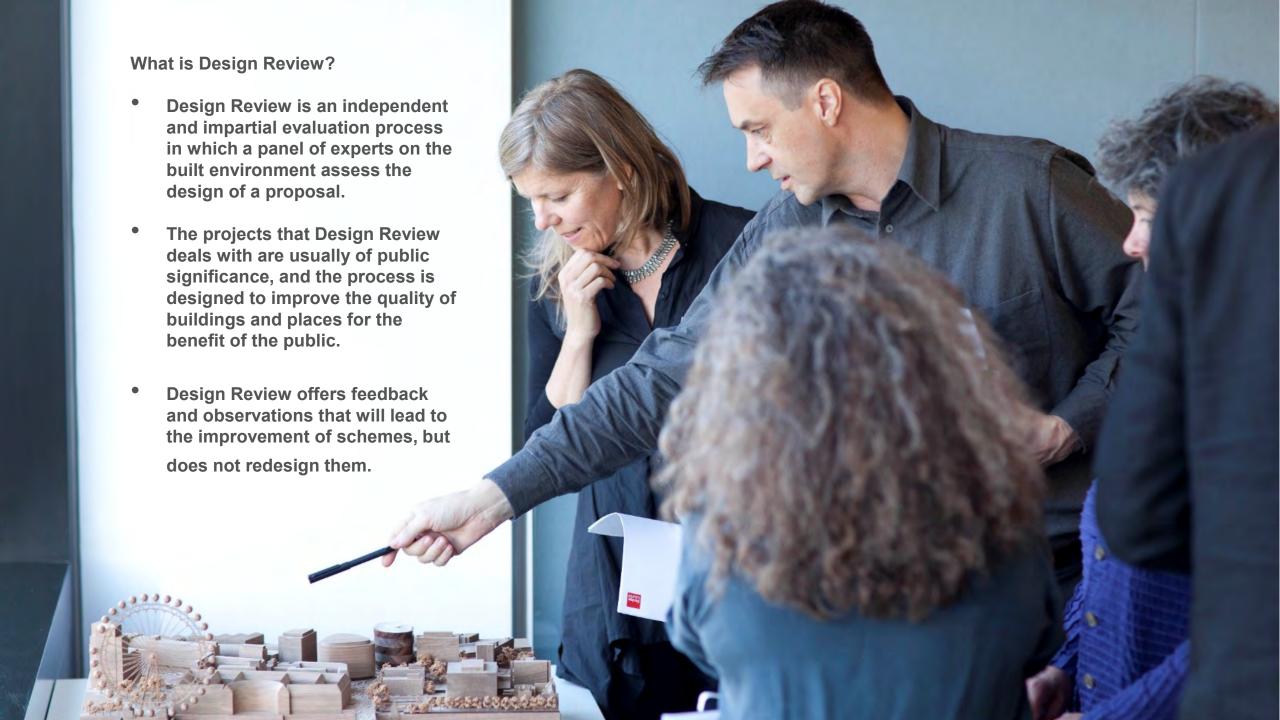
- signs and signals

- Potantial for noise attenuation
- - rights of way particularly by improving connectivity between recreational areas north and south of the A2 comdor

DESIGN RESPONSE

- Consider green bridges for some of the minor road prossings over the A2









Independent

It is conducted by people who are unconnected with the scheme's promoters and decision makers, and it ensures that conflicts of interest do not arise.



Expert

It is carried out by suitably trained people who are experienced in design and know how to criticise constructively.



Timely

It takes place as early as possible in the design process, because this can avoid a great deal of wasted time. It also costs less to make changes at an early stage.



Accountable

The Review Panel and its advice must be clearly seen to work for the benefit of the public.



Multidisciplinary

It combines the different perspectives of architects, urban designers, urban and rural planners, landscape architects, engineers and other specialist experts to provide a complete, rounded assessment.



Objective

It appraises schemes according to reasoned, objective criteria rather than the stylistic tastes of individual panel members.



Transparent

The panel's remit, membership, governance processes and funding should always be in the public domain.



Proportionate

It is used on projects whose significance, either at local or national level, warrants the investment needed to provide the service.



Advisory

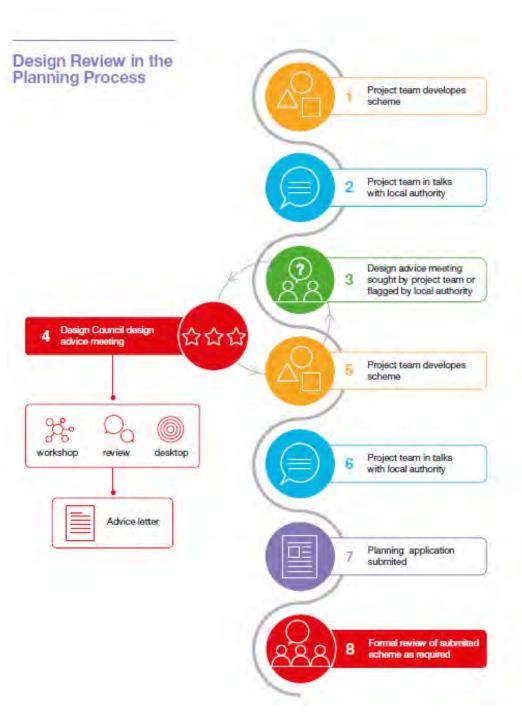
A design review panel does not make decisions, but it offers impartial advice for the people who do.



Accessible

Its findings and advice are clearly expressed in terms that design teams, decision makers and clients can all understand and make use of.







Design Review

3 weeks Project team contacts Design Advice Meeting Process and Timeline Design Council panel manager before Design Council will talk with project team to: - understand scheme and objectives Contract signed and invoice 2 weeks paid by project team before 1-2 weeks 3 Design advice meeting setup before Design Council will: - assign two staff to manage the project - contact stakeholders to understand their views On the - meet with project team 4 Design advice meeting day - appoint multi-disciplinary panel - brief panel on the scheme - site visit arrange logistics - panel briefing - main advice session - panel de-briefing 2 weeks 5 Design Advice Report issued after - written and refined by Design Council staft - checked by panel chair Follow up with project 2-4 weeks team and local authority after support on next steps 6+ weeks Evaluation undertaken after

> Design Council will issue surveys to: - understand how advice was used

- make improvemens to session









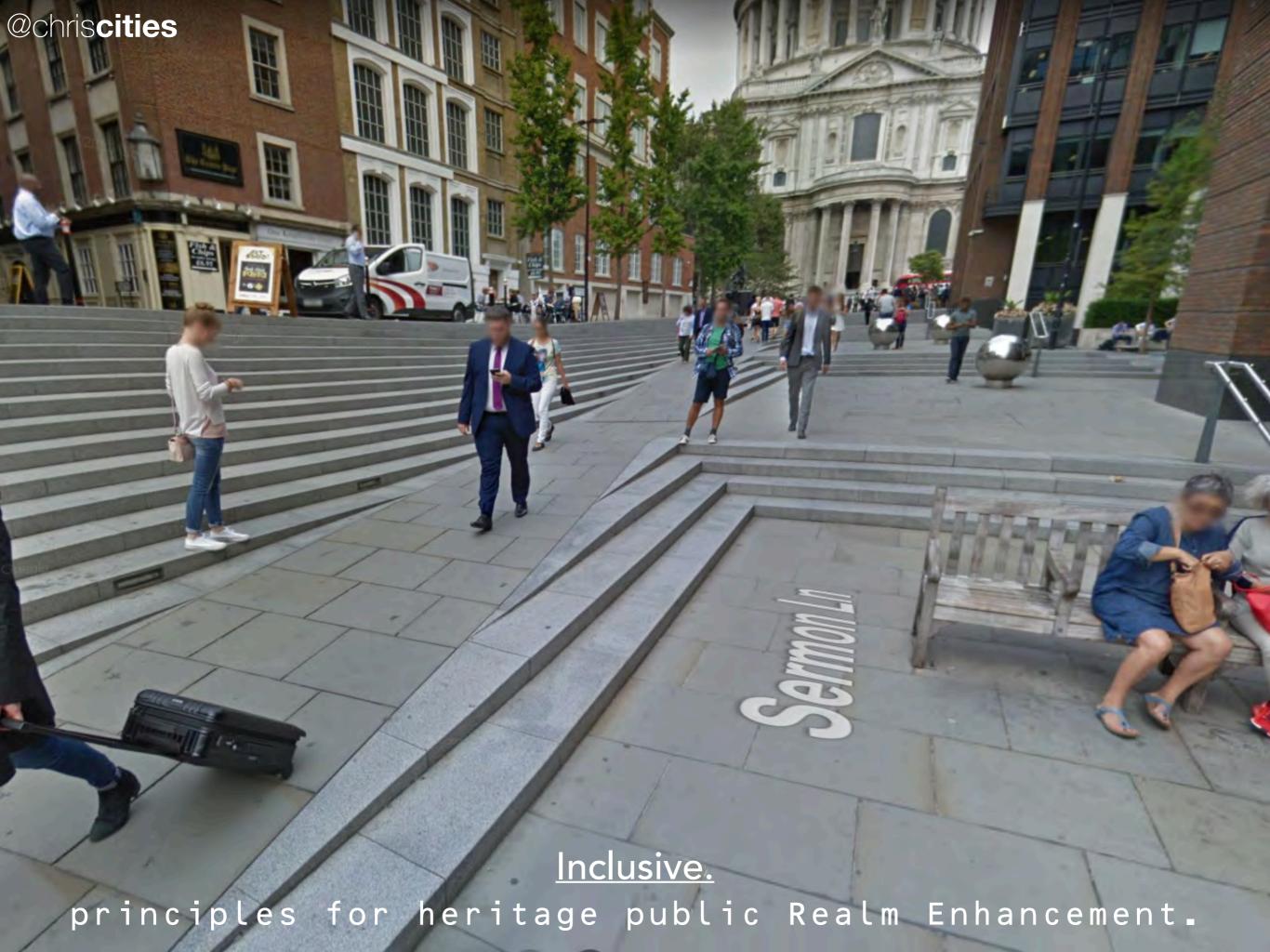


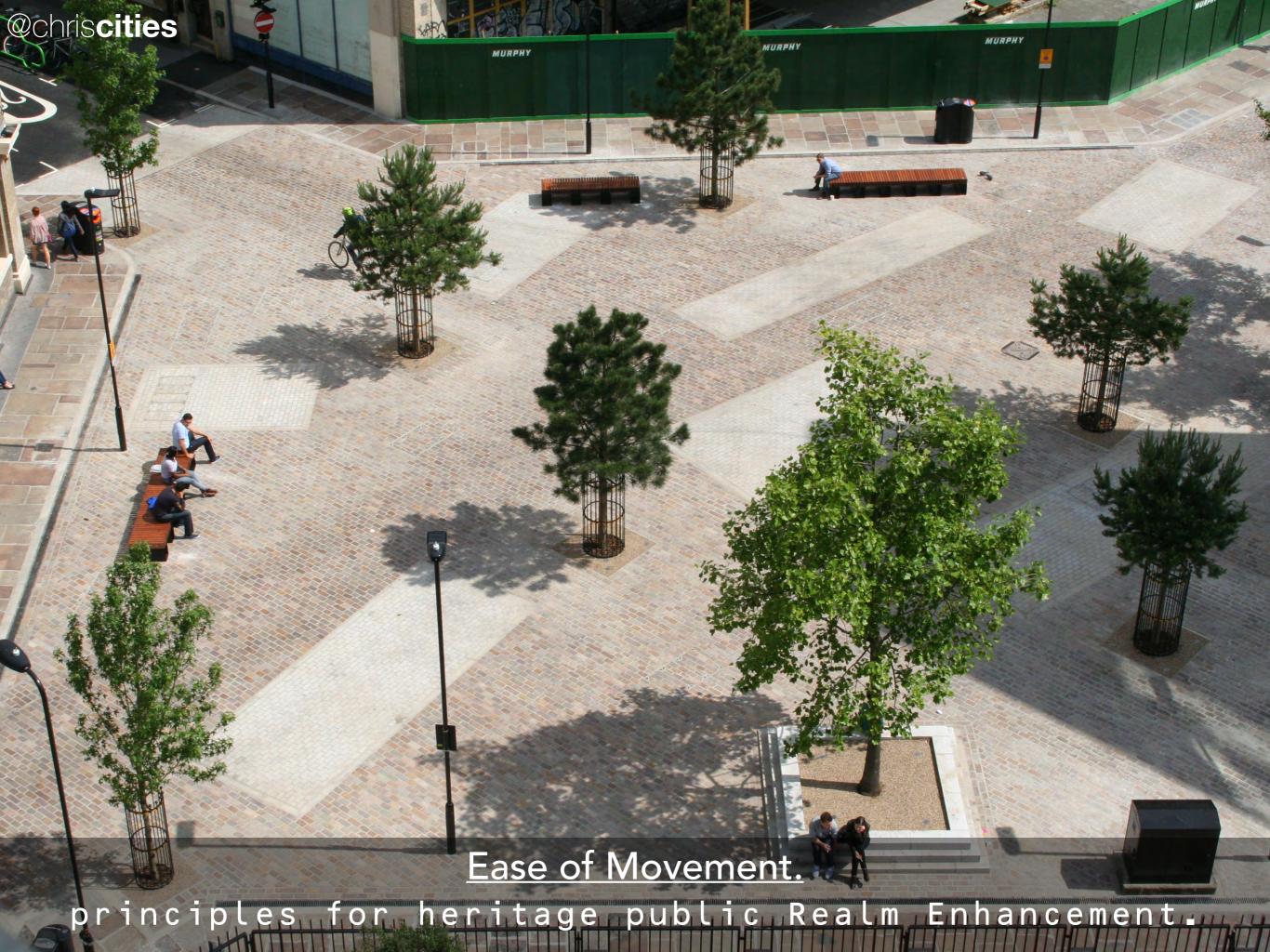


















































PEOPLE PLACES, MAKE MONEY









HIGHER SPENDS

High street walking, cycling and public realm improvements can increase retail sales

by **30%** to **30%**

Source: Lawlor, 2013

Cycle parking delivers



the retail spend per square metre than the same area of car parking

Source: Raje and Saffrey, 2016

People
who walk
and cycle
take more
trips to
the high
street over
the course
of a month

Average number of visits to local town centre each month, by mode



16 visits



12 visits



8 visits

Source:, TfL 2014

Over a month, people who walk to the high street spend up to

40% more



than people who drive to the high street

Source: TfL, 2013

Walking and cycling helps create

thriving high streets



As well as more customers, this brings benefits to the local community



Making it easy to walk and cycle to high streets means that more Londoners can enjoy these opportunities

SOCIAL VALUE

45%

of visitors to London high streets visit for SOCial and community



reasons

Source: Hall et al, 2017



Improving London high streets for walking and cycling led to a

216%

increase in people stopping, sitting or socialising

Source: Carmona et al, 2018

THRIVING HIGH STREETS

Retail vacancy was

17% lower

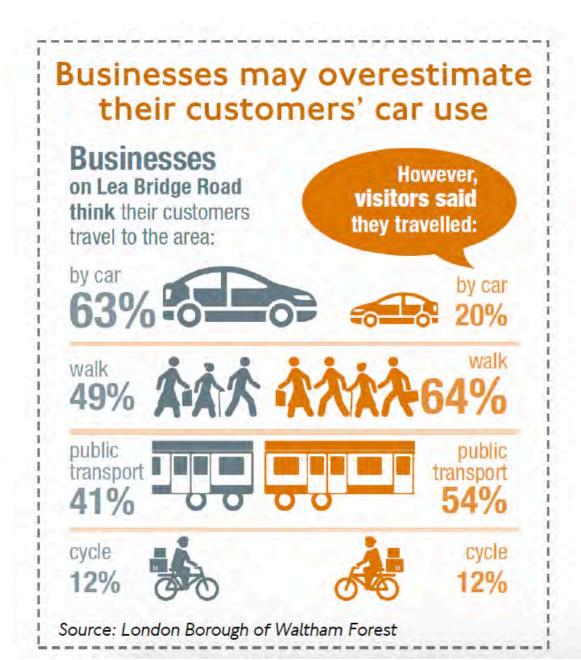
after high street and town centre improvements...



...and retail rental values

rose **7.5%**

Source: Carmona et al. 2018





REDUCED ABSENTEEISM

Employees who are physically active take

27% fewer sick days than their colleagues

Source: National Institute for Health and Care Excellence, 2012

Employees who cycle regularly take



fewer sick days each year than those who don't...

... this is worth

£128m

every year to the national economy

Source: Grous, 2011



Source: Department of Health, 2011



GLOBAL EVIDENCE

A study of businesses in **Portland** found people walking and cycling spent more in a month than drivers.

Source: Clifton et al., 2012

Streets with dedicated cycle lanes in **New York** saw a larger rise in retail sales compared to the surrounding area.

Source: New York DOT, 2014

Businesses on two **Dublin** shopping streets overestimated how many customers travel by car and underestimated how many cycle.

Source: O'Connor et al., 2011



People who walk and cycle in **San Francisco** visit shops more often and spend more in a month than drivers.

Source: Bent and Singa, 2009

In **Los Angeles** sales tax revenue rose by two thirds after cycle lanes were built – 14% higher than unimproved areas.

Source: McCormick, 2012

For every square metre of parking space in **Bern**, customers who cycled generated 7,500 EUR compared to 6,625 EUR from car drivers.

Source: Fahrradportal (online)

People who cycle to shops and supermarkets in **Copenhagen** spend more each year than people who drive. Two thirds of shopping trips and half the total revenue comes from customers on foot and cycle.

Source: Copenhagen Bicycle

Account, 2012



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