

The impact of city planning on people's sustainable quality of life

Nick Tyler CBE FREng
UCL

The city planning paradigm

- City planning
- Zonification
- Macroscopic design
- Seeing the city from above
- Emphasis on peak hours and congestion
- Without consideration of other times
- Objectives: flows, movement

A city can only be sustainable

...

Old paradigm



--- if the people are

Old Paradigm



New Paradigm



How to enable the people to be sustainable

Design for people, think about the accessibility they need

Think about the desirable level of mobility for everyone

The pedestrian is not a criminal – they are the heart of the city

Design with a belief in the people and the people will respond

Making sure
that city
planning and
design works
for the people



ESHAKU

会釈
15度



KEIREI

敬礼
30度



SAIKEIREI

最敬礼
45度



SHAZAI
(apology)

謝罪
70度



So, what did we do?



Why do we destroy culture by
design?

Change the paradigm

New approaches to emphasise what is important for people

Not only costs ... Multi-Criteria Analysis and concepts of Value might be better than cost-benefit analysis

The person becomes the measuring instrument of space and time, so must be at the centre of the process

Conventional approach: City scale to person-scale

Overall aesthetics view of a city

Planning

Architecture/Engineering

Urban Design

Multisensorial pathways:

Neurons: cortices, superior colliculus

Perceptions, feelings, understanding

Conventional approach: City scale to person-scale

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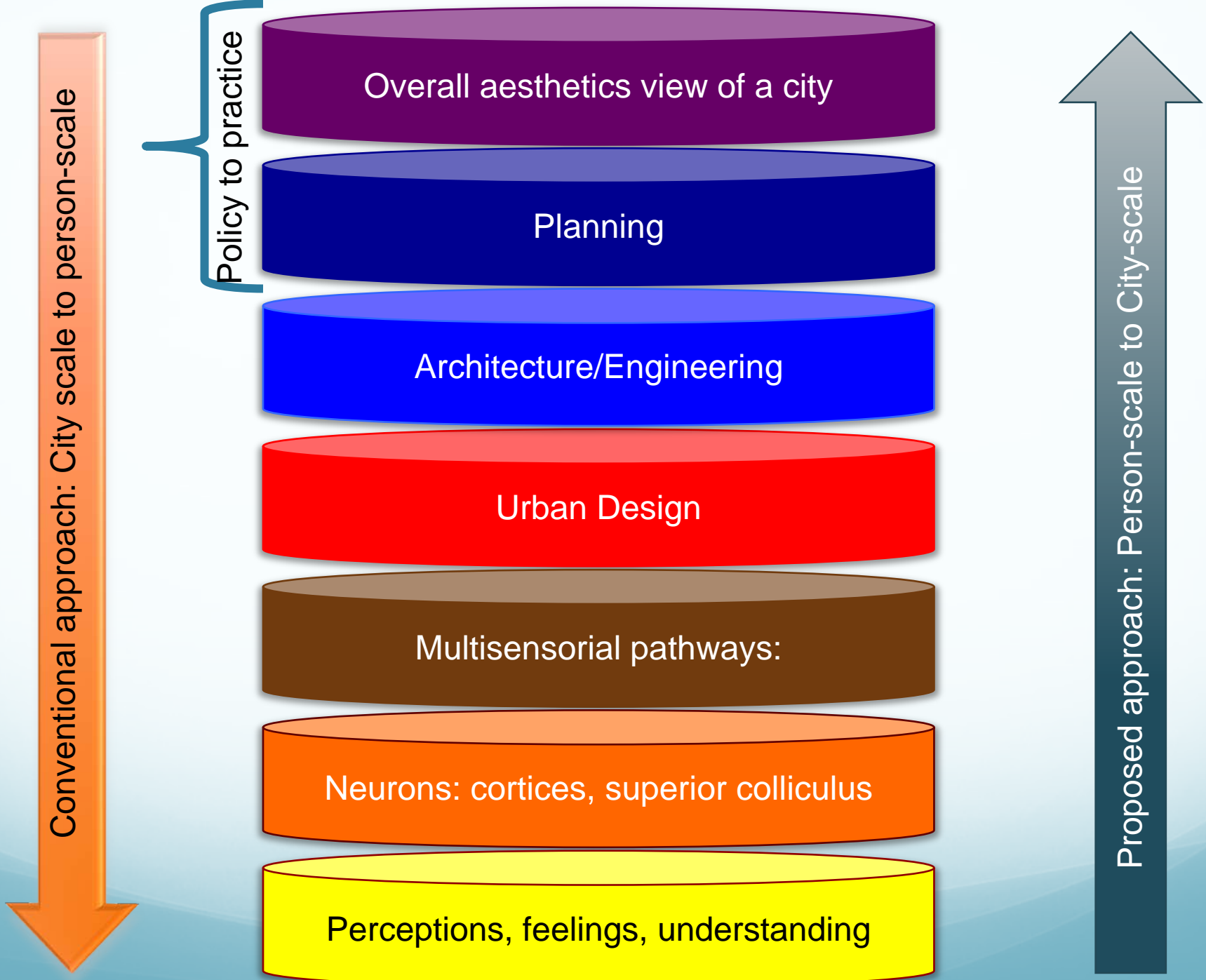
Urban Design

Multisensorial pathways:

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Perceptions, feelings, understanding

Proposed approach: Person-scale to City-scale



Conventional approach: City scale to person-scale

Policy to practice

Overall aesthetics view of a city

Planning

Architecture/Engineering

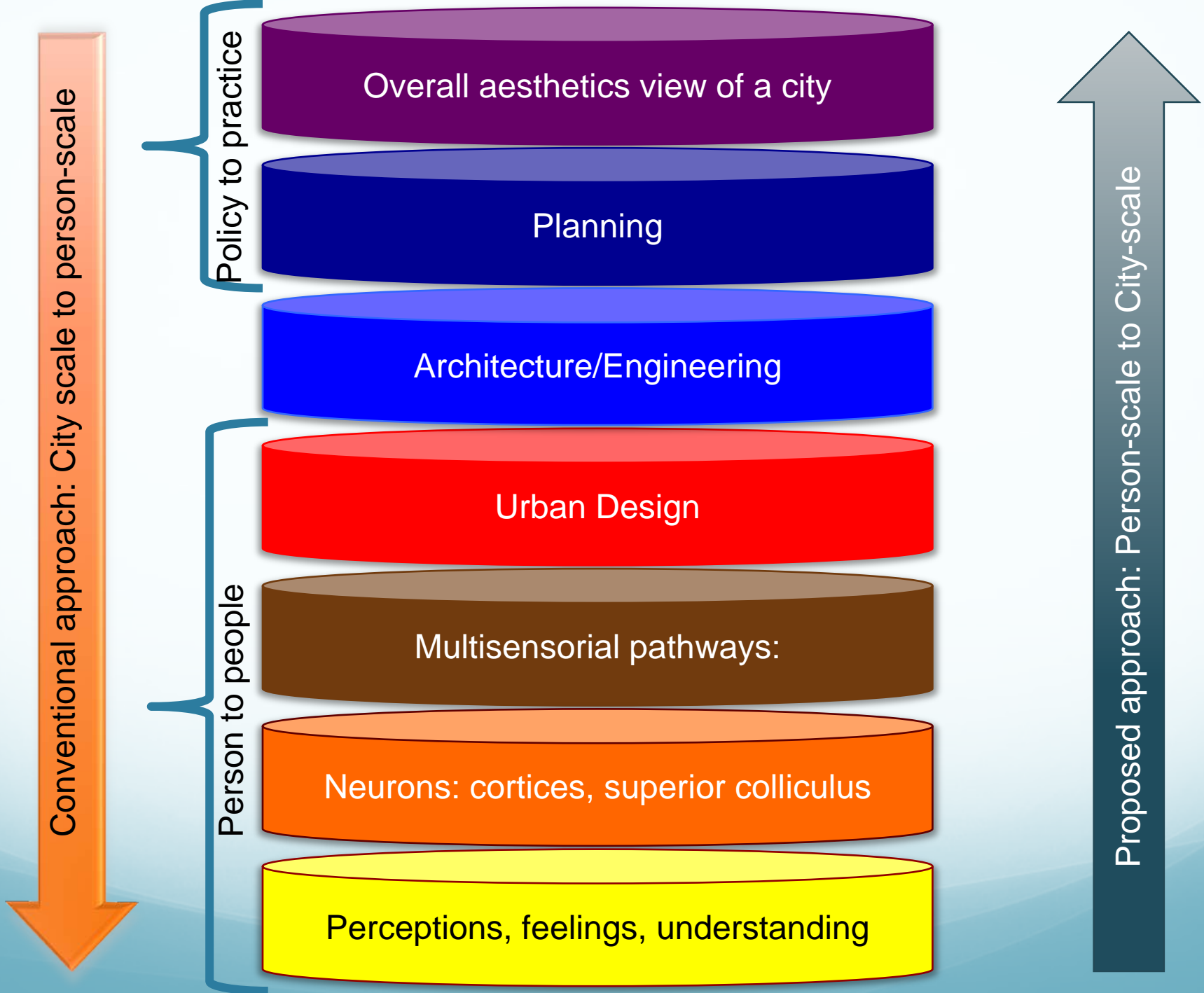
Urban Design

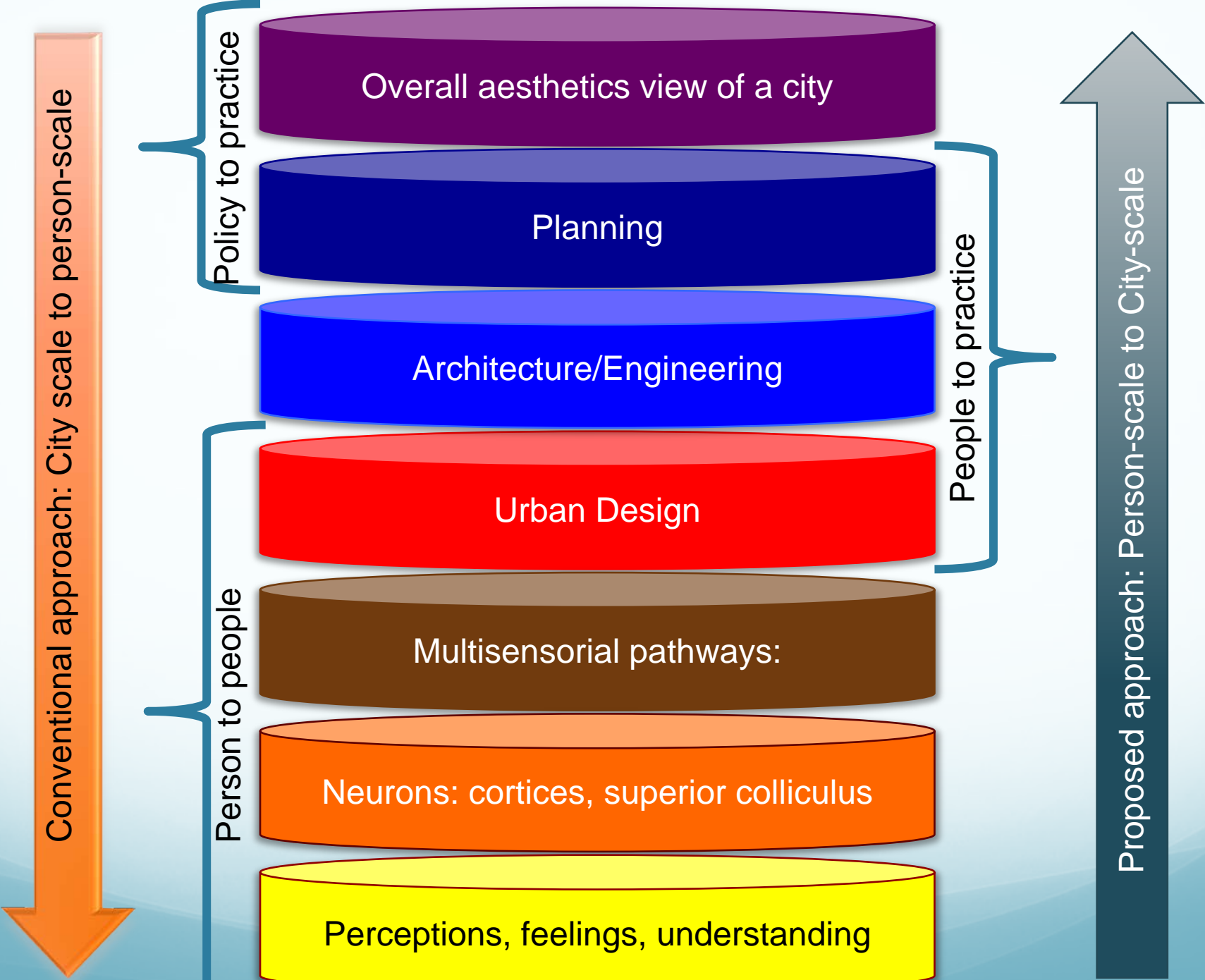
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Proposed approach: Person-scale to City-scale





3-8m Public

1.2-3m
Social

0.4-1.2m
Personal

< 0.4m
Intimate



0.5 m / 1.6 ft

2 m / 6.5 ft

5 m / 16.5 ft

7.5 m / 25 ft

10 m / 33 ft

20 m / 66 ft

50 m / 164 ft

80 m / 262 ft

100 m / 328 ft



Social and Personal space

100 m / 328 ft

80 m / 262 ft

50 m / 164 ft

20 m / 66 ft

10 m / 33 ft

7.5 m / 25 ft

5 m / 16.5 ft

2 m / 6.5 ft

0.5 m / 1.6 ft

Design from the person towards
the city more than from the city
towards the person

An example

The courteous city

- Behaviour change
- Improve equity
- Design to improve courtesy

The evolving city

- What will be the needs in the future?
- Adaptive and flexible design

The active & inclusive city

- Has activities and opportunities
- Encourage non-motorised transport

Courteous city

Evolving city

Active & Inclusive city

People

The healthy city

- Positive impact on health
- Minimise the need to use motorised vehicles
- Clean technologies

Healthy city

Aesthetic & Public City

Aesthetic & Public City

- Public spaces are open, available and accessible
- Green spaces
- Public space is safe

Nutrition

Houses

Employment

Involvement

Training

Ownership

Education

Surroundings

Business

Access

Learning

Infrastructure

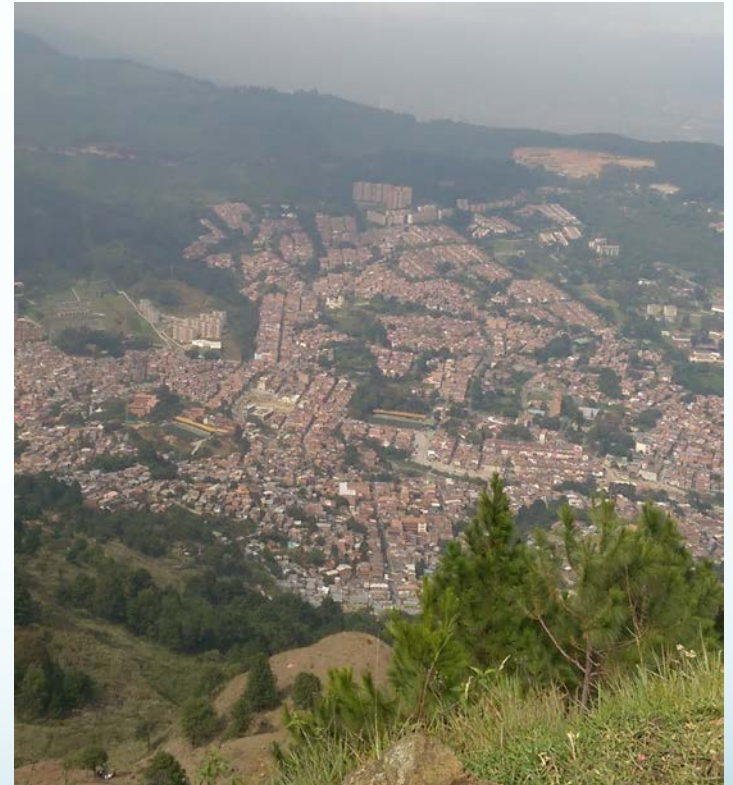
Culture

Transport

Integrated Urban Project



Nutrition, Health



Business, Access

Integrated Urban Project



Culture, Inclusion



Involvement, Courteous

Integrated Urban Project



**Culture, Involvement,
Ownership**



Learning, Surroundings

Integrated Urban Project



Education



Social space

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Aesthetic & Public City



Change the paradigm

Old Paradigm

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New Paradigm

- Start with the person
- Planning based on people's desires
- Design for personal space
- Emphasis on personal interactions
- View of the city outwards from the person
- Objectives: 'Linger', 'Be'

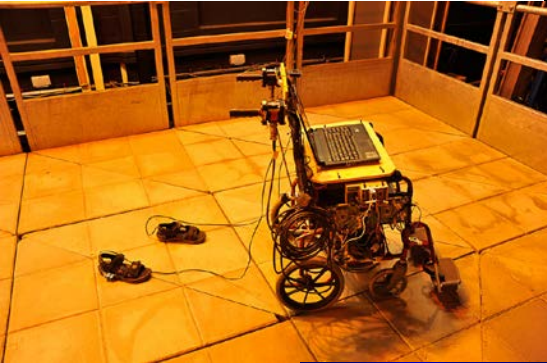
A 21st century question

Autonomous vehicle

- How does this improve the quality of life in the city?
- What problem is an AV trying to solve?
- Are there other ways of solving this problem?
- Which solution is the best for a sustainable society?

Societal outcome

- Bringing society closer to the people
- Improve the quality of life for all
- Equitable access to activities
- Living well is a precondition for any solution



Thanks!

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