

Creating a strategic master plan to facilitate active assisted living

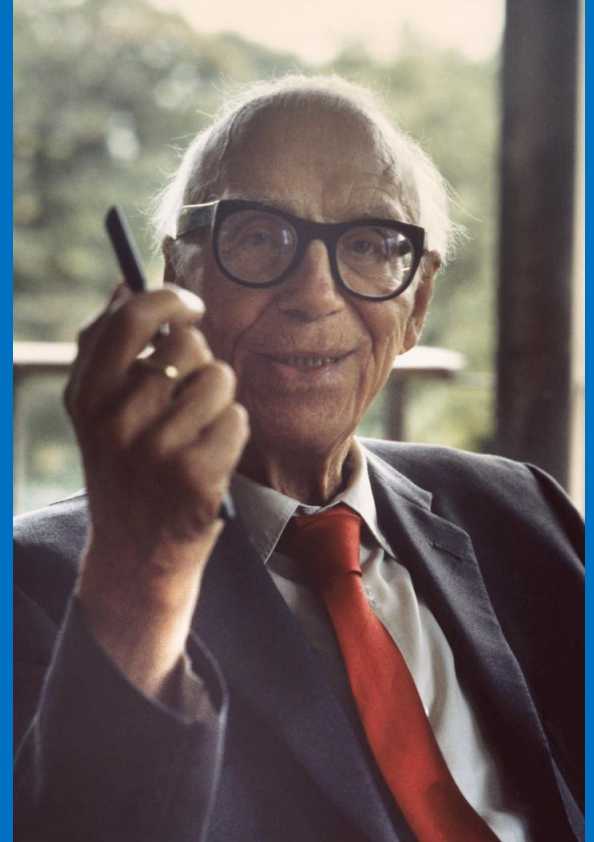
Simon Butler

27th October, 2016

About Arup

We are an independent firm of designers, planners, engineers, consultants and technical specialists offering a broad range of professional services. Through our work, we make a positive difference in the world. We shape a better world.

Cities, Transport, Energy, Water

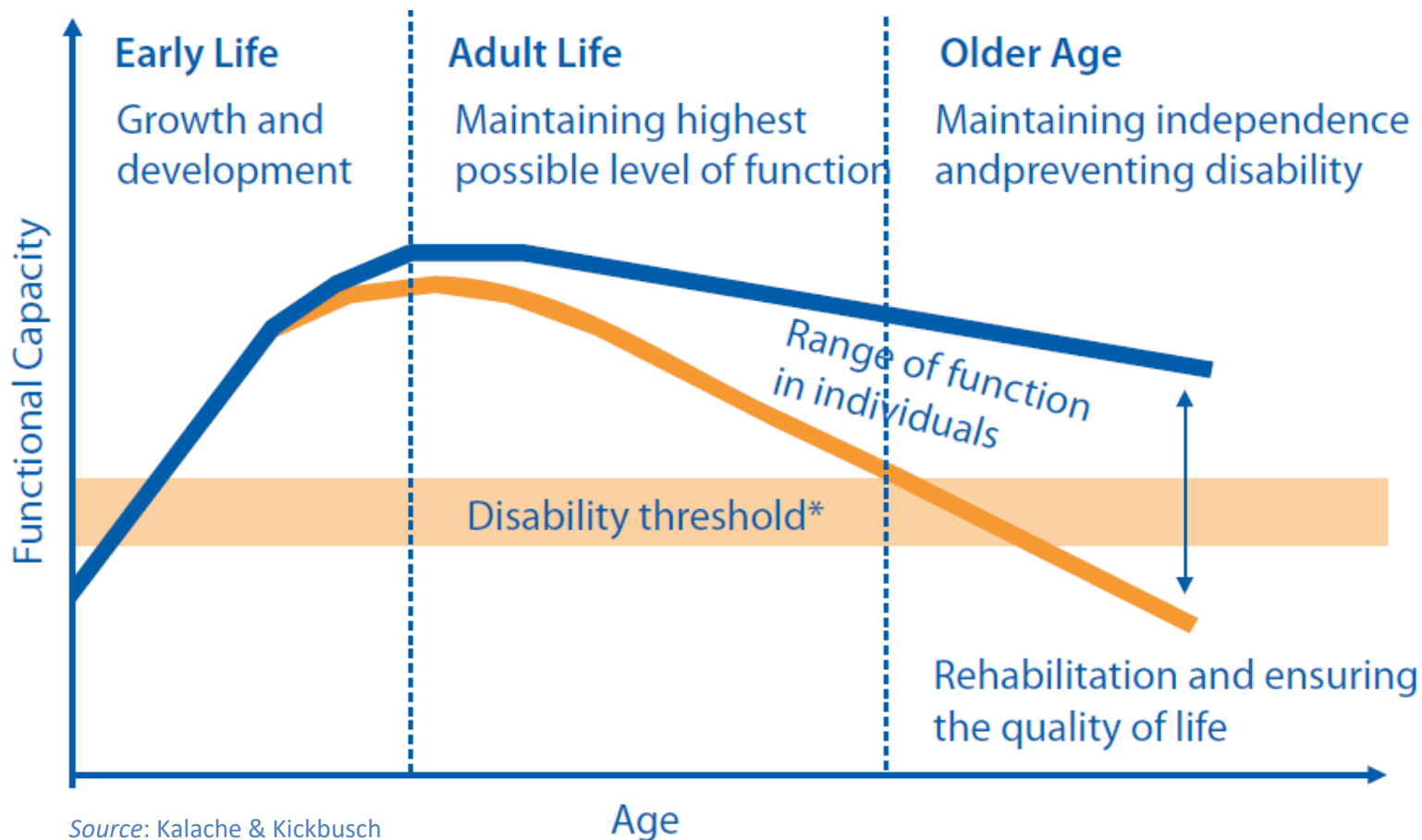


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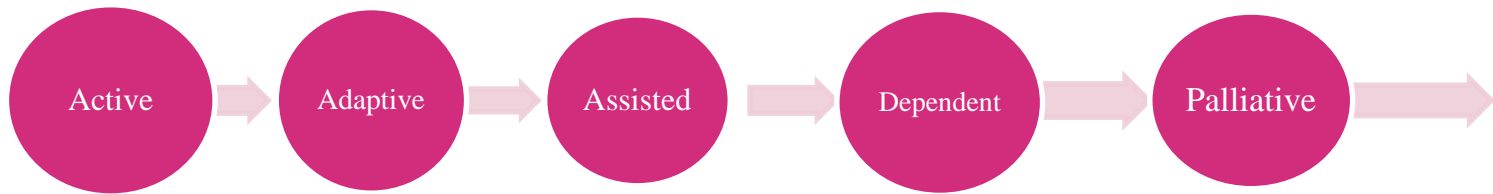
Population ageing and urbanisation are two global trends that together comprise major forces shaping the 21st century.

How can cities support healthy and active living for different groups of older people, so they can feel safe, secure and be able to take part in social life?

The speed of decline can be influenced and may be reversible through promoting age-friendly living environments



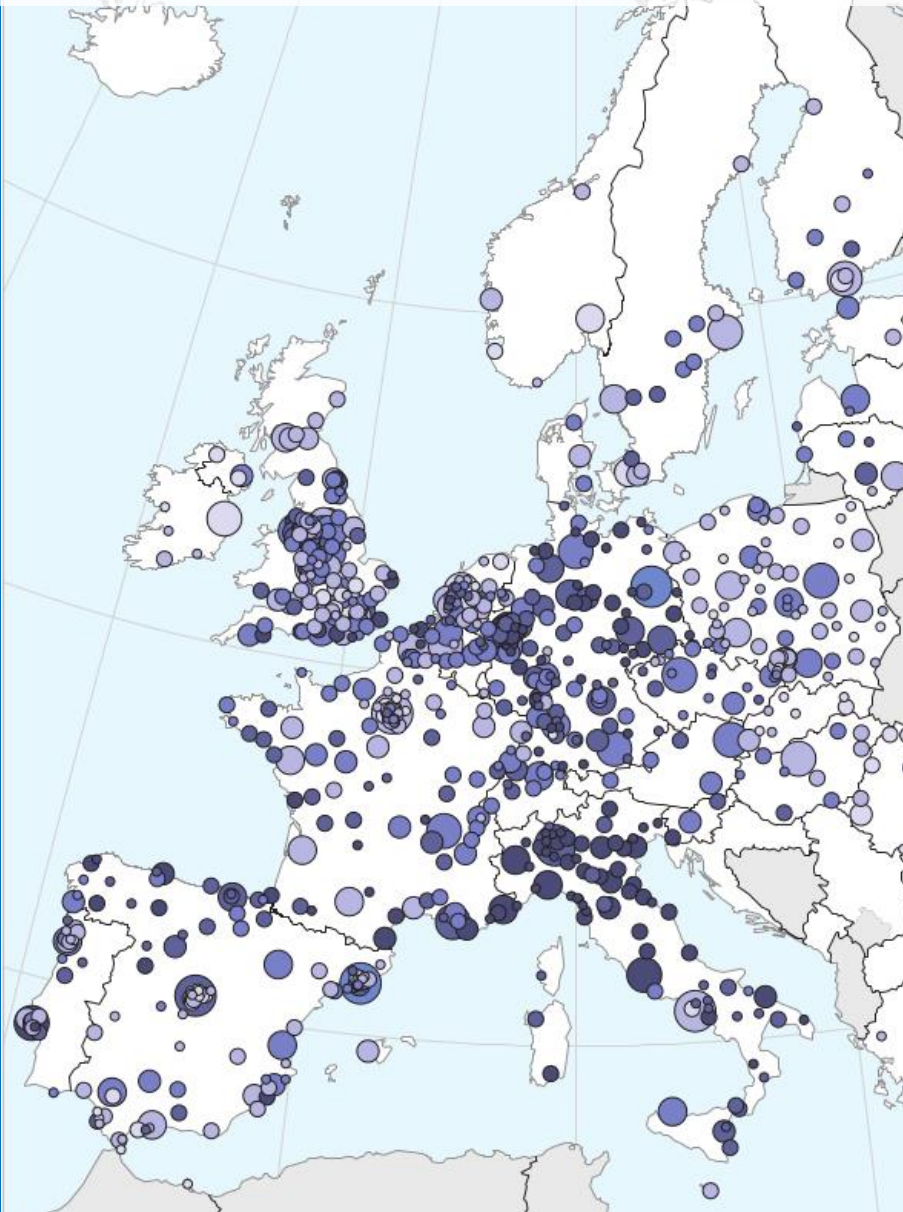
Designing for people as they age



Physical, Social and Mental Wellbeing



Shaping Ageing Cities through Planning



Amsterdam

Berlin

Bruxelles

Copenhagen

Dublin

Lisbon

London

Madrid

Milan

Paris

Shaping Ageing Cities 10 European case studies

#shapingageingcities

HelpAge
International
global network



Systematica

ARUP

Seasonal Health Ageing and Resilience in Urban Populations and Environments



Impact of urban design in health and wellbeing

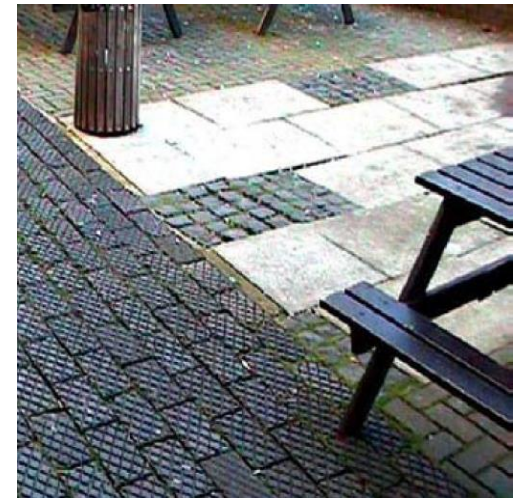
Framework for decision making on public infrastructure investment



Distinctive street furniture, in styles familiar to older people, can be useful wayfinding cues



Too many signs can be confusing



Patterns and sharp colour contrasts can be disorienting



Research at Arup

Ambient Assisted Living

ARUP

Our Study

Research into the benefits of assisted living technology on independent living.

Advancements in information and communication technology allows services to be delivered remotely.

Report gave recommendations on further design considerations and technology interventions.

Ageing in the City

Workshop report
11th of June, 2015



Jocelyn, 69

Housing: 2nd floor flat in sheltered (social) housing unit
Living arrangements: lives alone (divorced)
Limitations: mobility impaired, wheelchair user
Outlook: despite her disability retains a realistic and independent attitude



Francesco, 76

Housing: ground-floor apartment with proximity to park
Living arrangements: lives alone (never married)
Limitations: recovering from a hip fracture
Outlook: independent and positive, but feels frustrated by the limitations imposed by the accident



Richard, 73

Housing: owns a spacious flat in the city centre
Living arrangements: lives alone (wife passed away)
Limitations: early stages of Alzheimer's, progressing cataracts, otherwise physically active
Outlook: Increasing sense of loss of purpose and confidence, lonely

Thoughts



Thank you

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