

# Designing Healthy Multi-generational Environments



Ryder

# Urban Demographics

2030



500 cities  
population > 1,000,000



60% population  
under 16 years of age

2050



70% world population  
living in cities



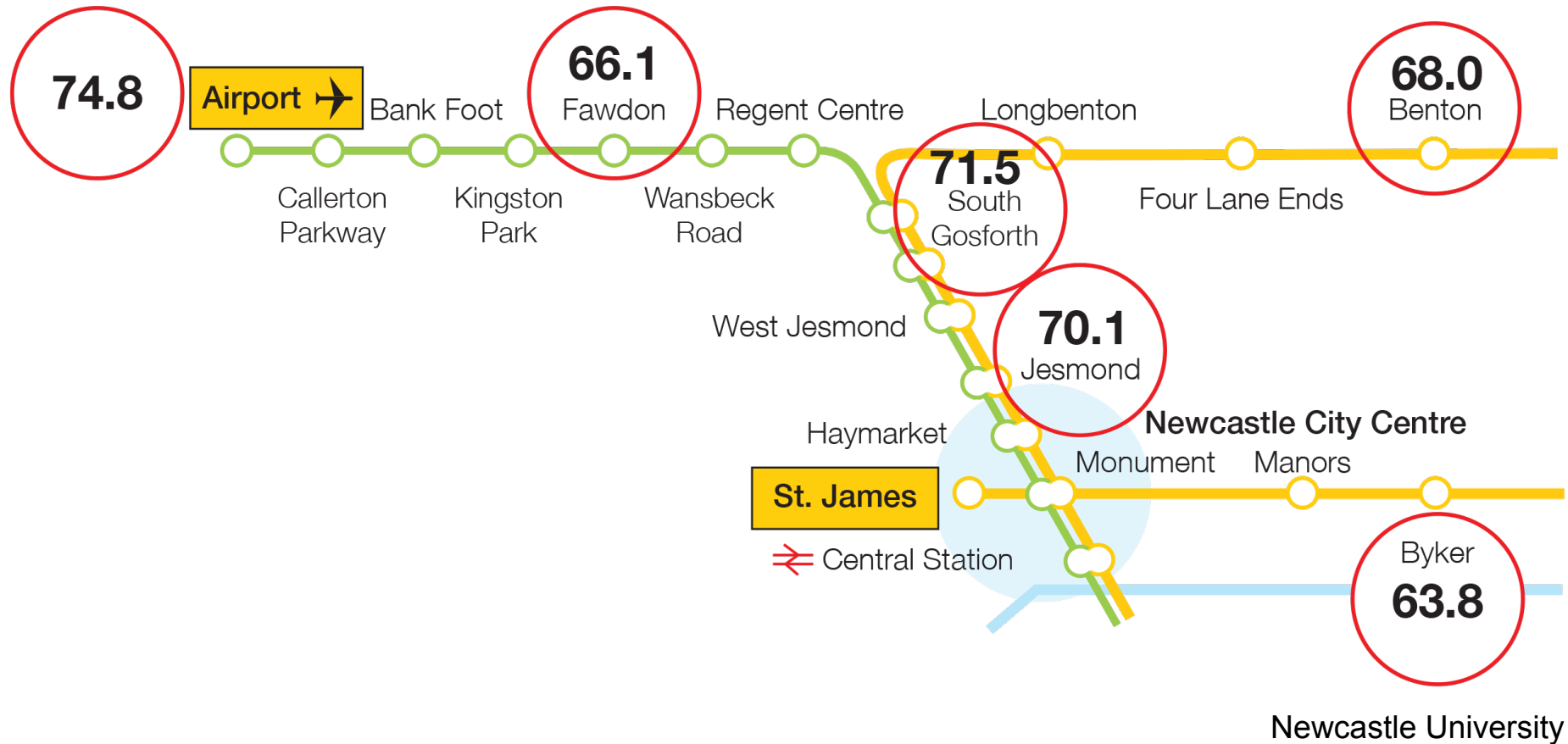
22% population  
over 65 years of age

15,000 retirees  
every day

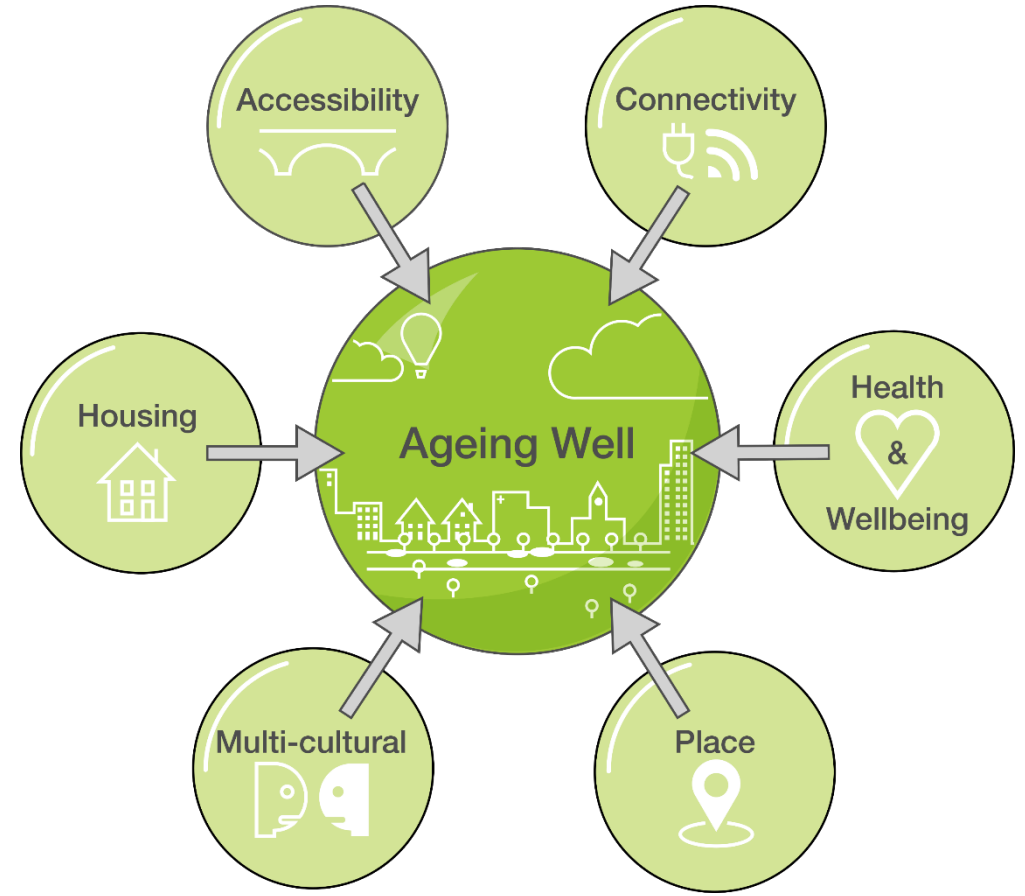
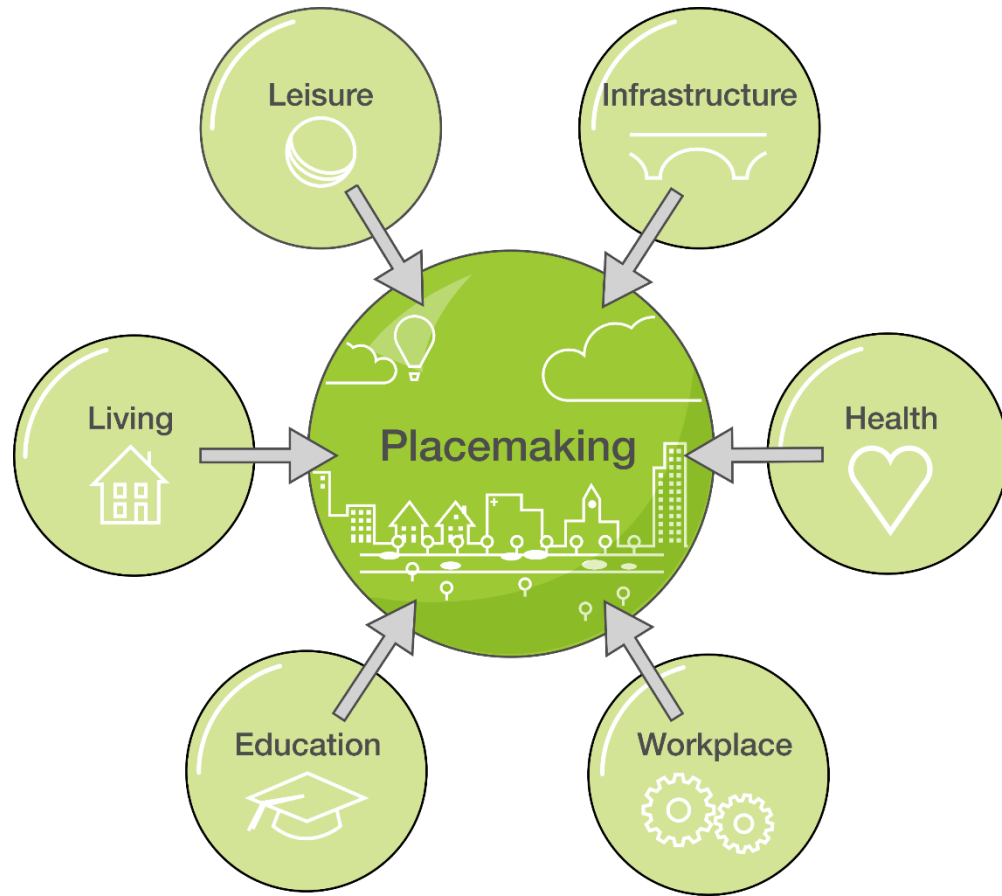
# Closing the Gap

## Healthy Living Disparity

### Ponteland South



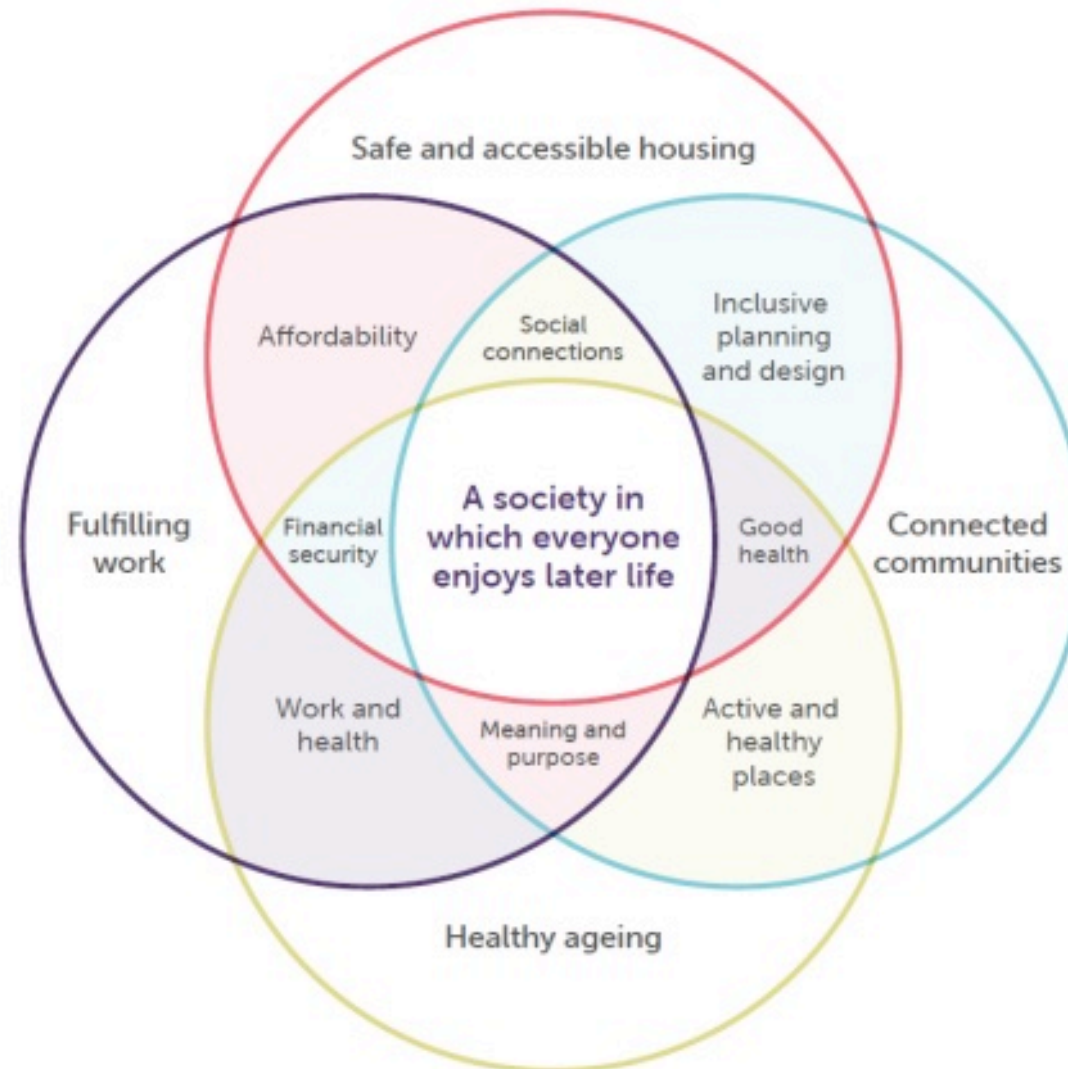
# Placemaking / Ageing Well



# Aging 2.0 Grand Challenges



Centre for Ageing Better  
Transforming Later Lives - Strategy 2018



# NHS Healthy New Towns

## Darlington Healthy New Town



\* Denotes measures that support a Dementia Friendly Environment



Ryder

Newcastle  
helix



karbon  
homes

SCI

SUSTAINABLE  
COMMUNITIES  
INITIATIVE

[www.brighterfutures.together.co.uk](http://www.brighterfutures.together.co.uk)



ZERO  
CARBON  
FUTURES

Newcastle  
City Council



NEWCASTLE  
CITY FUTURES





# Future Homes



**BRIEF.**

① PEOPLE

- MULTI-GENERATIONAL
- MULTI-SOCIO-ECONOMIC
- RESPOND TO CHANGE IN LIFESTYLE NEEDS.

② PERFORMANCE

- LOW ENERGY PASSIVE
- FABRIC FIRST
- TECHNOLOGY FLEXIBLE.
- LOW TERM LOW CARBON.

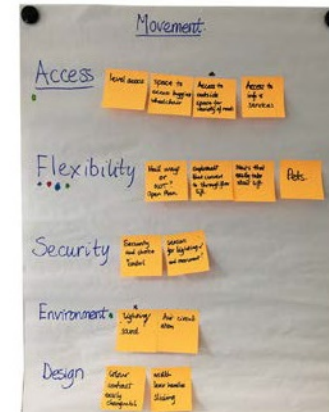
③ PLACE

- LOCAL Sourced MATERIALS.
- COMMUNITY - BUILDING COMMUNITIES.
- PLACES TO MEET/USE.
- CONNECTION TO NATURE.

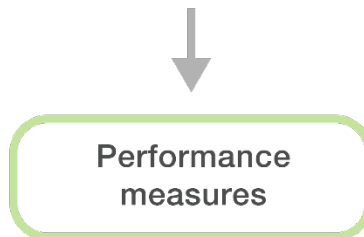
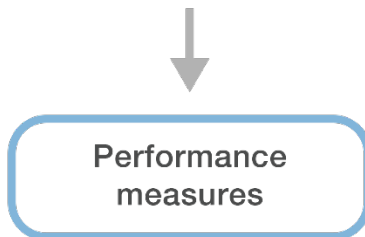
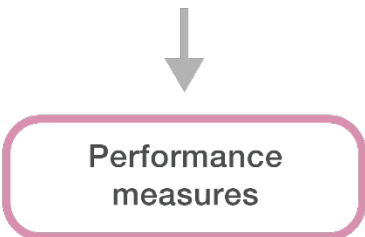
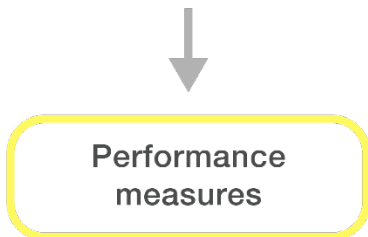
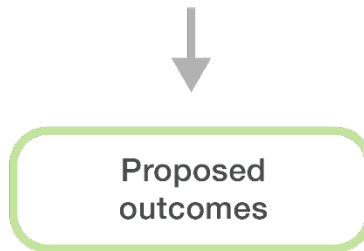
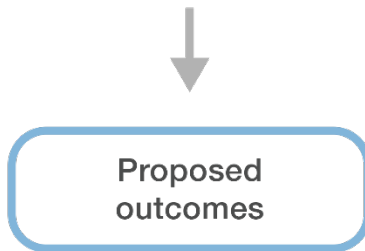
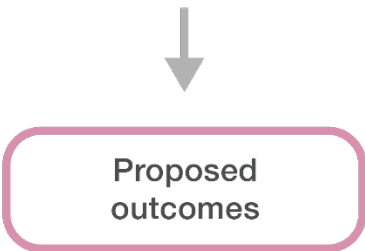
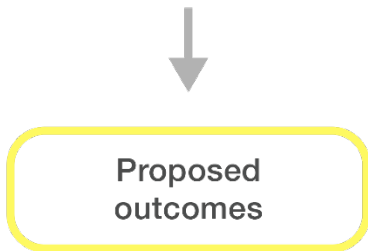
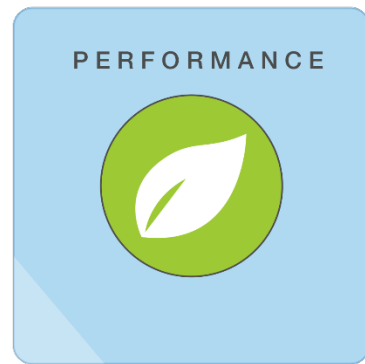
④ DESIGN.

- PLE FAB - MODULAR DESIGN.
- OFF SITE CONSTRUCTION / USE OF SKILLS.
- QUICK BUILD.
- GREENERY / VIEWS / GRADING STUFF.
- CONNECTION BETWEEN INSIDE & OUT.

TARGETS TO BE CONFIRMED FOR LIVES OF LIGHTING VENTILATION ETC TO FOLLOW UP AT NEXT CO DESIGN WORKSHOP.



	THEME	Votes
1	Space (use / amount)	37
2	Flexibility / Futureproofing	25
3	Accessibility / Thresholds / Level Changes	21
4	Environment	20
5	Comfort	12
6	Lighting	12
7	Inviting / Sociable	10
8	Functionality	9
9	Dignity	8
10	Safety	5
11	Storage	4





Affordable to rent or buy.



Intergenerational friendly.



Sense of community.



Promote a low carbon lifestyle.



Improved mental, physical and social wellbeing.



Opportunities to engage.



Access to employment opportunities.



Easy access to public transport networks.



Improved sense of safety.



On site food production.



Reduced impact on health services and social care.



Replicable housing model



Reduced use of mains electricity.



Reduced use of mains water.



Reduced surface water runoff.



Improved local air quality.



Increased site biodiversity.



Consistent thermal comfort.



Long term adaptable homes.



Short term flexible layouts



Good natural lighting



Improved build quality



Sufficiently spacious homes



Access to private and communal green space.

Adaptable



1

Intergenerational Living



2

Community Feel




3

Adaptable Technologies



4

Low Energy Use



5

Private Greenspace




6

Communal Greenspace



7

Replicable Model



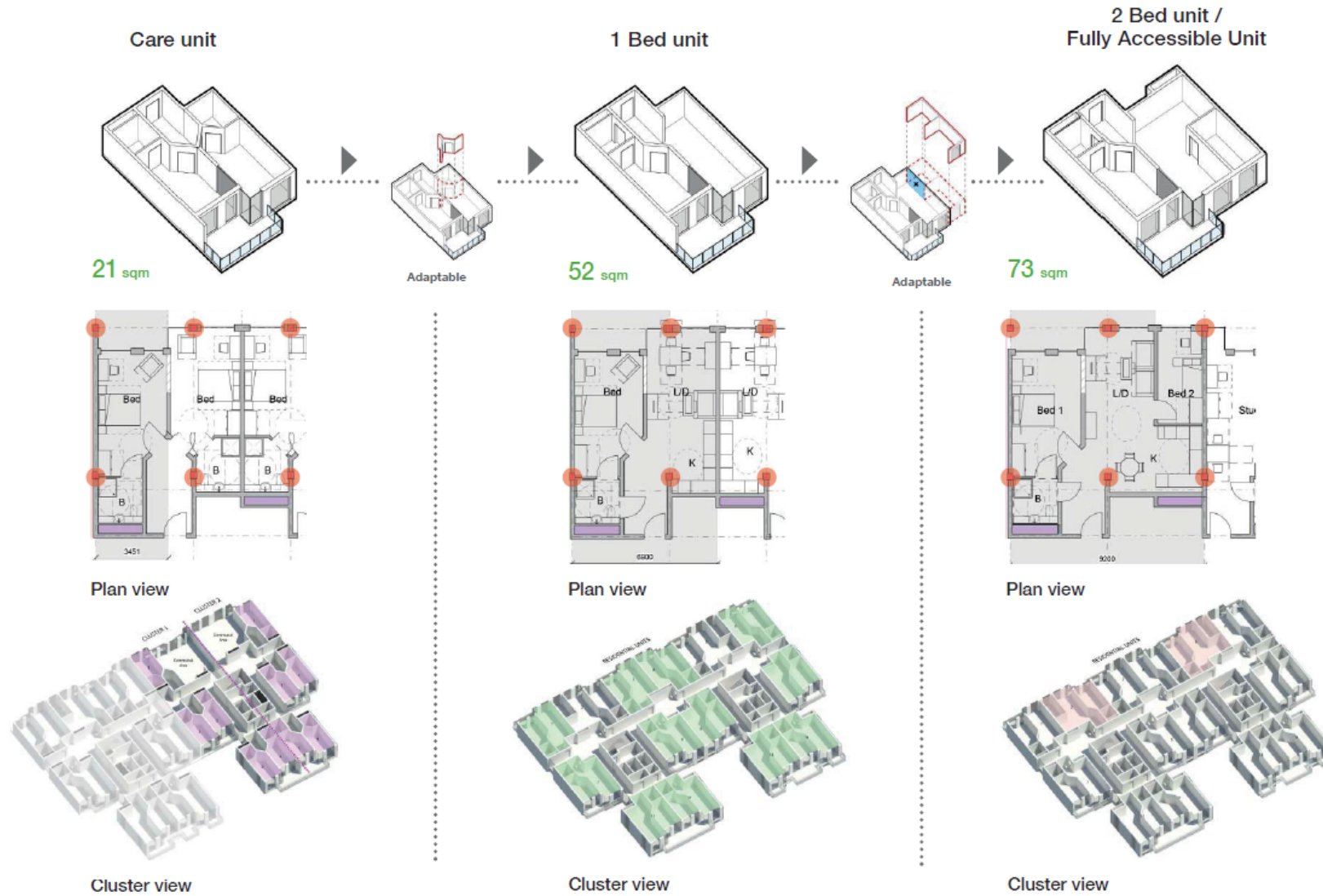
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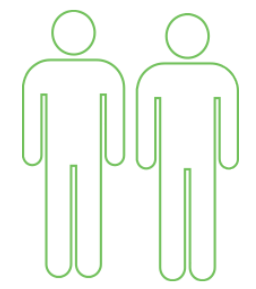
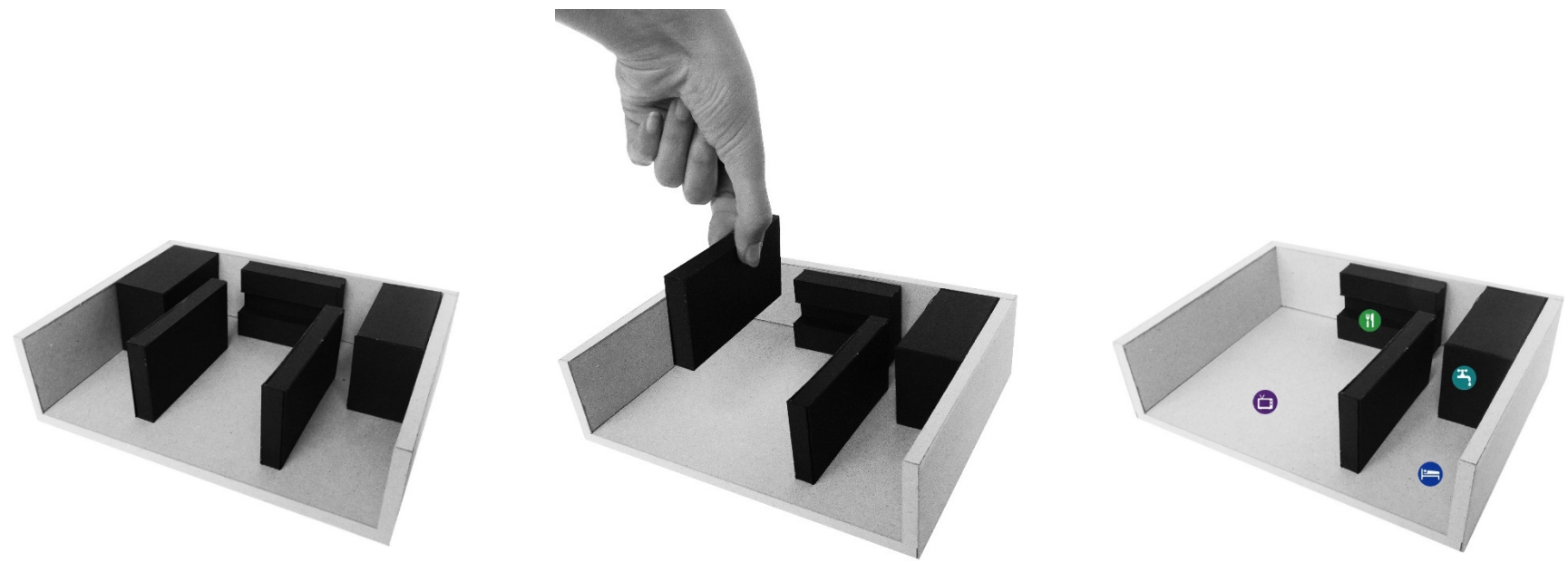
# Campus for Ageing and Vitality





# Central and Cecil







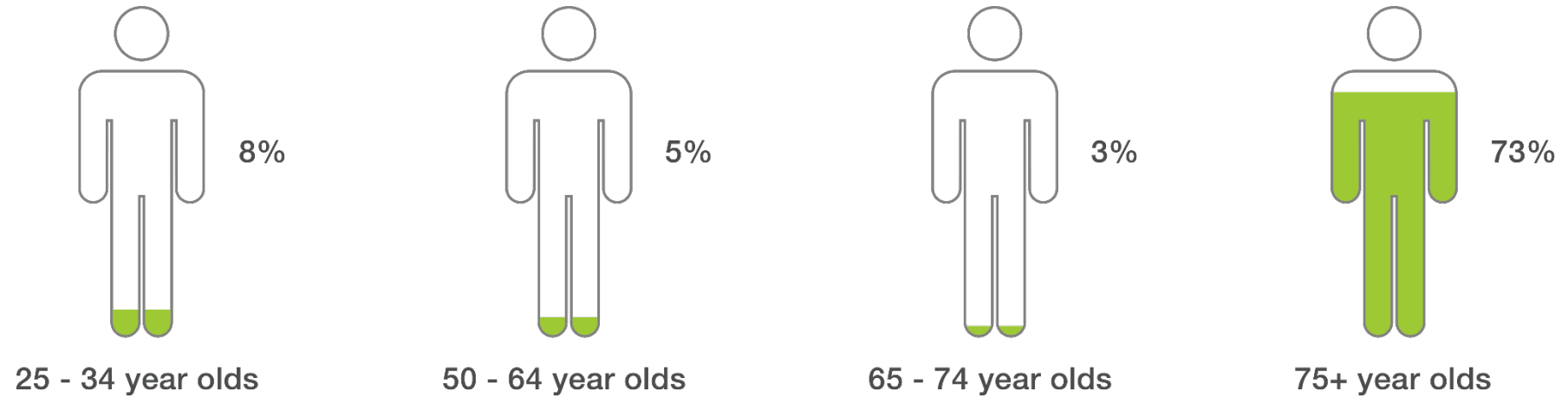
Defined independent living areas within shared apartments

Bedrooms allow resident flexibility to add furniture

Built in storage

# Jo Cox Commission and The Centre for Ageing Better

## Self Reported Loneliness by Age Group





## Everything architecture

Our goal is simple – to improve the quality of the world around us and, in doing so, improve people’s lives. An approach embedded in the origins of Ryder which remains a touchstone today.

Everything architecture is based on principles of simplicity, usefulness and elegance. It connects people to places, from the room to the city. It defines a responsibility to society and to the future of our planet. It is embedded as much in the pioneering application of science and technology as in art, and is the foundation for the collective journey from the vision through designing, making and beyond into use. Learning from each project for the benefit of the next.

Everything architecture relies on strong leadership to transcend the professional silos. It requires talented people with a passion for collaborative project working to deliver the best return on investment for our clients.