# Designing Healthy Mutt-generationa Environments

# Urban Demographics

2030



500 cities population > 1,000,000

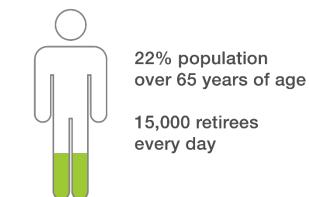


60% population under 16 years of age

2050

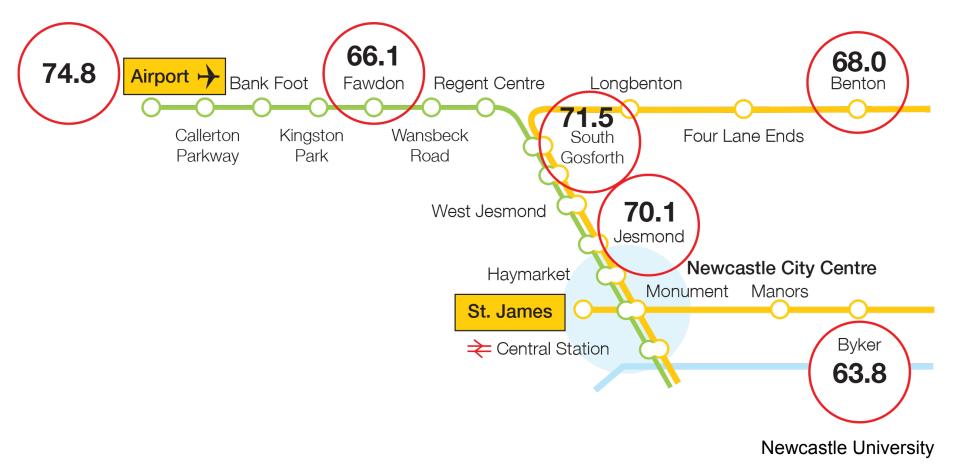


70% world population living in cities



## 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

· Transport, access and movement must be planned with the following hierarchy: 1. Walking Transport and Movement 2. Cycling 3. Public transport 4. Rail 5. Private cars, taxis and motorcycles. · Facilities for those on foot or cycle must be provided in new developments and supported in existing neighbourhoods such as benches, cycle parking and adequate signage. · Connectivity and safe, well lit, routes between neighbourhoods, local services and schools must be provided for new developments.

ructure

st

Infr

So

· Healthcare, leisure, plaving pitches, local services and retail must be clustered together into nodes with adequate public transport connections in local centres identified in the Local Plan · Local services, social infrastructure and local facilities must be provided in the first phases of development to establish a sense of community . The public realm must be high quality, benefit from natural surveillance and be means to connecting communities to each other and to facilities. cial · Developments above a threshold of 100 units must demonstrate that there are local services and access to community facilities within 400-800 m (or 5-10 minutes walk) or that these will be created.

· New developments must ensure that there is access to good links to employment opportunities and that these are integrated into mixed-use areas wherever possible.

Economy New employment sites must be well connected to the walking and cycling network and the public transport system. · New developments must take the opportunity to employ local labour and

provide training and skills through their construction.

· Local and town centres should be supported to ensure that the local population can be served, with an emphasis on local centres providing for community needs. · Flexibility should be built-in to new local centres to allow change of use to commercial over time.

\* Denotes measures that support a Dementia Friendly Environment

New developments must protect, enhance and create multi-functional green-blue infrastructure to support human and natural life contributing to combatting the urban heat island effect, tackling air pollution, improving water quality and Green Infrastructure reducing flood risk. In providing green infrastructure, which should constitute 40% of the site area, the following hierarchy must be observed: 1. Habitats and Ecology 2. Flood and Water Management, and Air Quality 3. Access Recreation and Movement 4. Play and Education 5. Amenity and Landscaping

Local food provision and sports facilities are to be allocated separately

> New developments must provide adequate opportunity for local food production either through the provision of private gardens, communal spaces or where there is a lack of provision identified.

. The establishment of hot-food takeways will be controlled in areas of over-concentration and where close to schools.

 The change of use of existing buildings to facilitate innovative approaches to local food production and distribution will be actively supported. · Developments above a threshold of 100 units must demonstrate that there are local services and access to healthy food choices within 400-800 m (or 5-10 minutes walk).

• New developments must provide a and permeable environment that is easily understood and has clear signage and wave • Existing neighbourhoods and the be conserved to environment the second s New developments must provide a legible understood and has clear signage and wayfinding\*. · Existing neighbourhoods and the historic environment must be conserved to ensure that local landmarks and key buildings · Public spaces, streets and greenspaces must benefit from natural surveillance with a lack of clutter\*

· Car parking is to be accommodated in such a way so it does not interfere with walking and cycling\*.

. The density of development must support good access to shops and services within 400-800 (or 5-10 minutes walk)\*







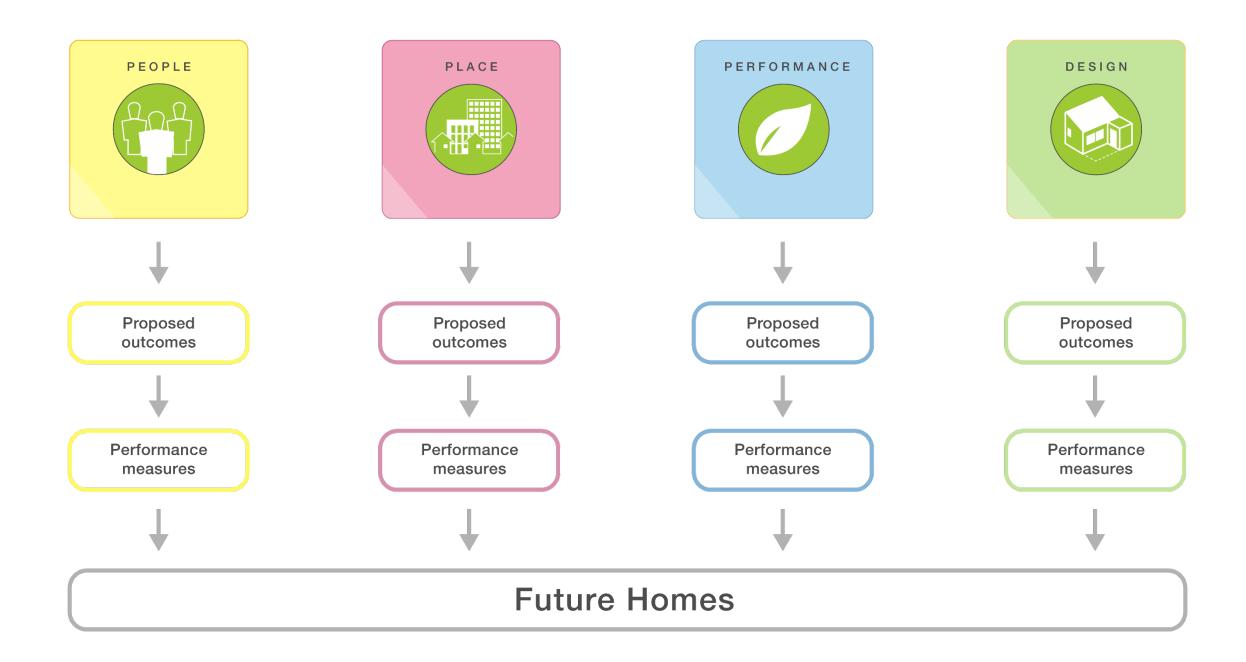
#### **Future Homes**



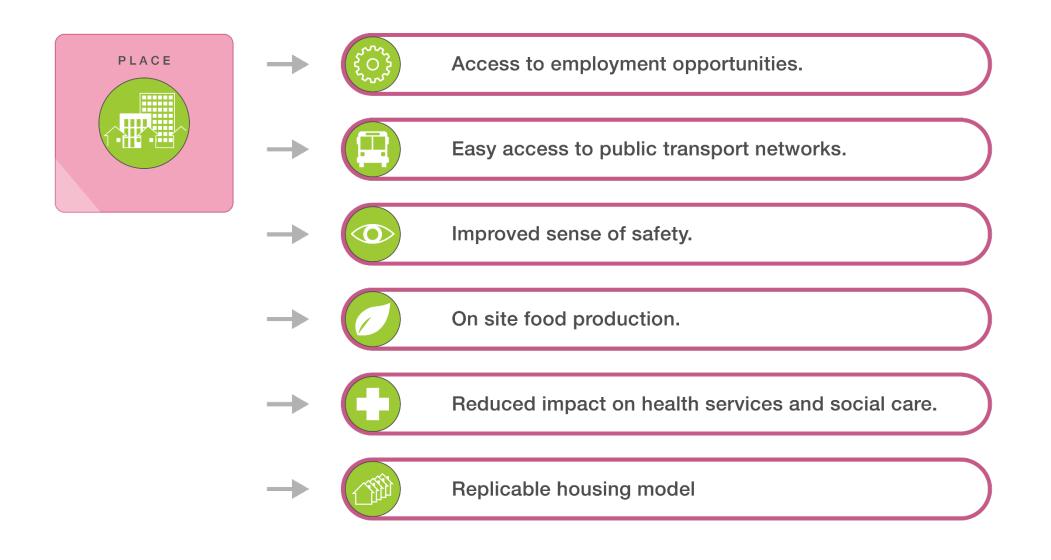
- > FLACES TO MEET USE.
- GANNELTER TO WATHER,
- QUICK BUILD.
- GREENERY /VIEWS/ GRAVING STOFF.
- - COMMECTION BEWEEN IN SIDE & OLOC:

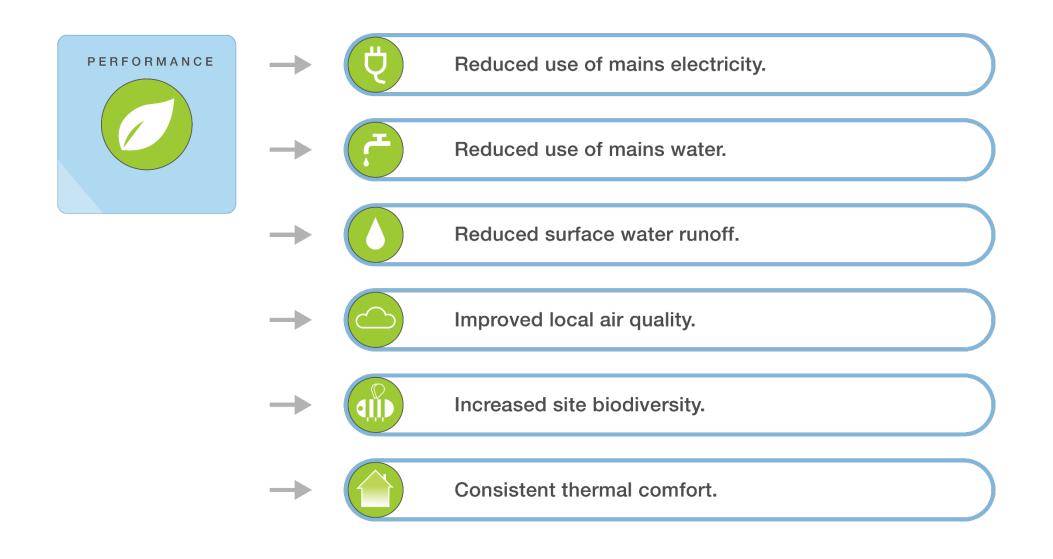
ity means	111	Rets
1111 1111 1111		
wing he a	and the second se	
	and a state	lighting has could

	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









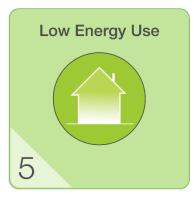






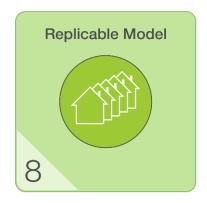








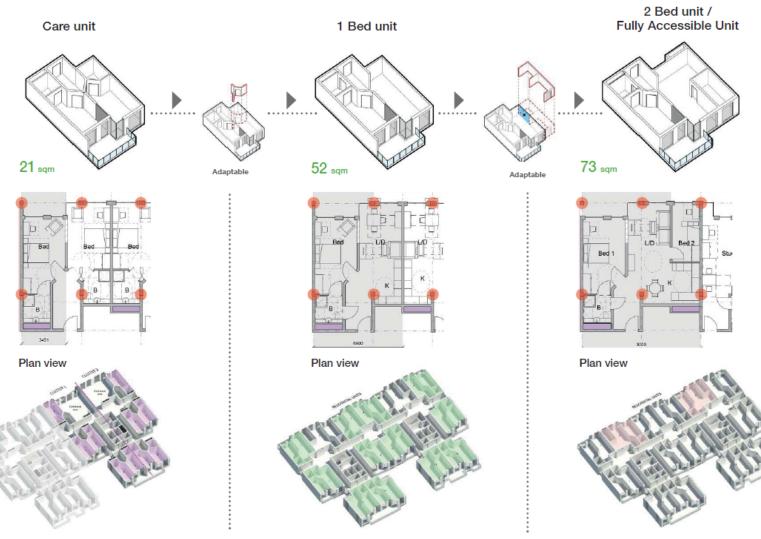




# Campus for Ageing and Vitality



# Central and Cecil

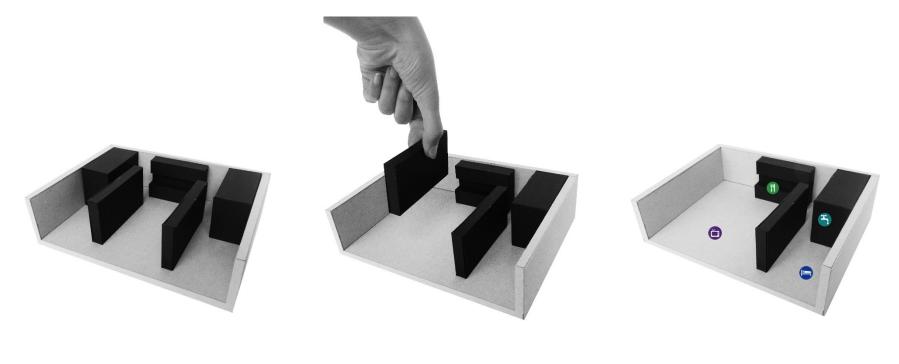


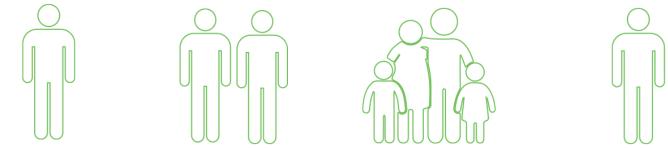
Cluster view

Cluster view

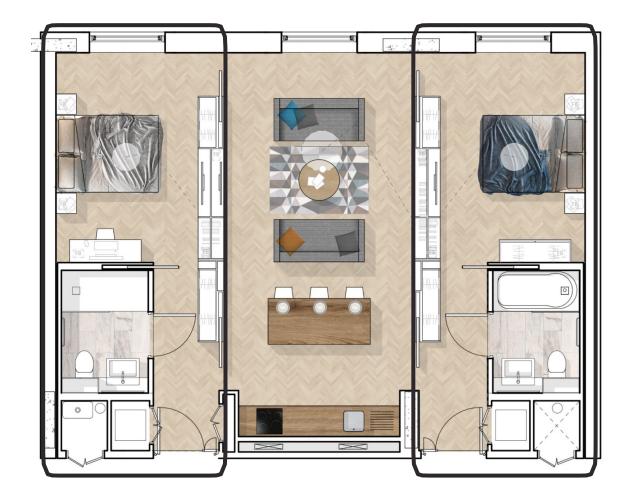
Cluster view









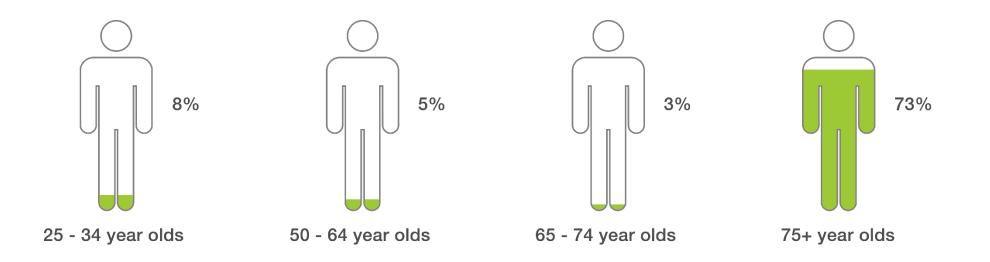


Defined independent living areas within shared apartments

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.