# Designing Healthy Multi-generational Environments

#### Urban Demographics

2030



500 cities population > 1,000,000



60% population under 16 years of age

2050



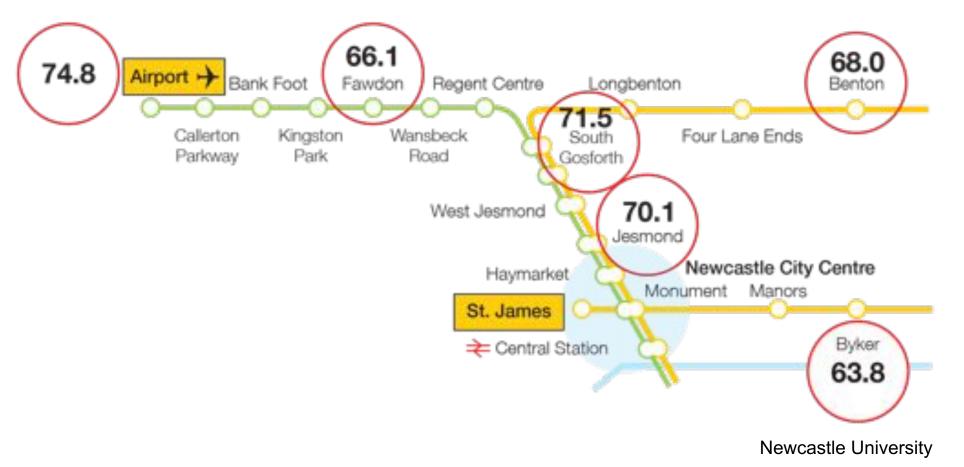
70% world population living in cities

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

Welking
Cycling
Cycling
Public transport
Rep
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Cycling
Cycling
Private care, taxis and rectorcycles.
Facilities for those on foot or cycle must be provided in new
development's and supported in entry registrourhoods such as
to correctively and sub-provide its provide between
registrourhoods, local tervices and schools must be
provided for new developments

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Torreport, access and movement must be planned with the following havanthy:

· Healthcare ; lessure, playing pitches ; local services and retail report 54 clustered together into nodes with interpose public hanger's spreadors in incel centres atentified in the Local Plan. Local services, social trivial turns and incal facilities must be provided in the first photons of development to availabilitate a sense of community . The public reaim must be high quality benefit from natural surveitance and be means to consecting communities to much other and to building. · Developments above a threshold of 100 cells shoul derivatishe that there are total pervises and access to conversingly facilities within 405-800 m Jur 5-50 minutes walk) or that these well be irealed.

 New developments must arease that there is access to good links to employment opportunities and that there are integrated into mose-use areas wherever possible

 New employment alias must be well connected to the walking and opcking network and the public transport system.
New developments must take the opportunity to employ local labour and provide training and skills through their donainuction.
Local and local coatines anough the opportunity is ensure that the local population

can be served, with an emphasis on local centres providing for community needs. • Penibity should be built in to new tool centres to allow change of use to community allocat over time.

\* Denotes measures that support a Dementia Friendly Environment.

New developments must protect, enhance and create multi-functional green-blass intrastructure to support human and natural We contributing to combatting the urban head effect, functing air polytics, impriving water quality and restructing food risk, is providing green infrastructure, which should constitute 40% of the site area, the Editioning teamently mout be observed. 9(9) 1. Habitats and Ecology

2. Plood and Water Management, and Air Guality 3. Access Recreation and Movement 4. Play and Education 5. Amerity and Landscaping

Local food provision and sports facilities are to be allocated separately

> New developments must provide adequate opportuning for tocal tocal productors when through the provision of private partiens, communal spaces or where there is a lack of provision identified.
> The establishment of holi food

lakeways will be optimized in areas of over-concentration and where does 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 facel chouses within 400-600 m (or 5-13) minutes walk).

These deviationments must provide a legitime and permanent must provide a legitime and permanent must be assigned as the permanent must be assigned and has been signappe and avaytenation;
Execting resplicitouritouses and the fragment and seytenation;
Execting resplicitouses and seytenated resetenation;
Execting resplicitouses and seytenatis and

 Car parting is to be accommodated in such a way so it does not interfere with waking and cycling?

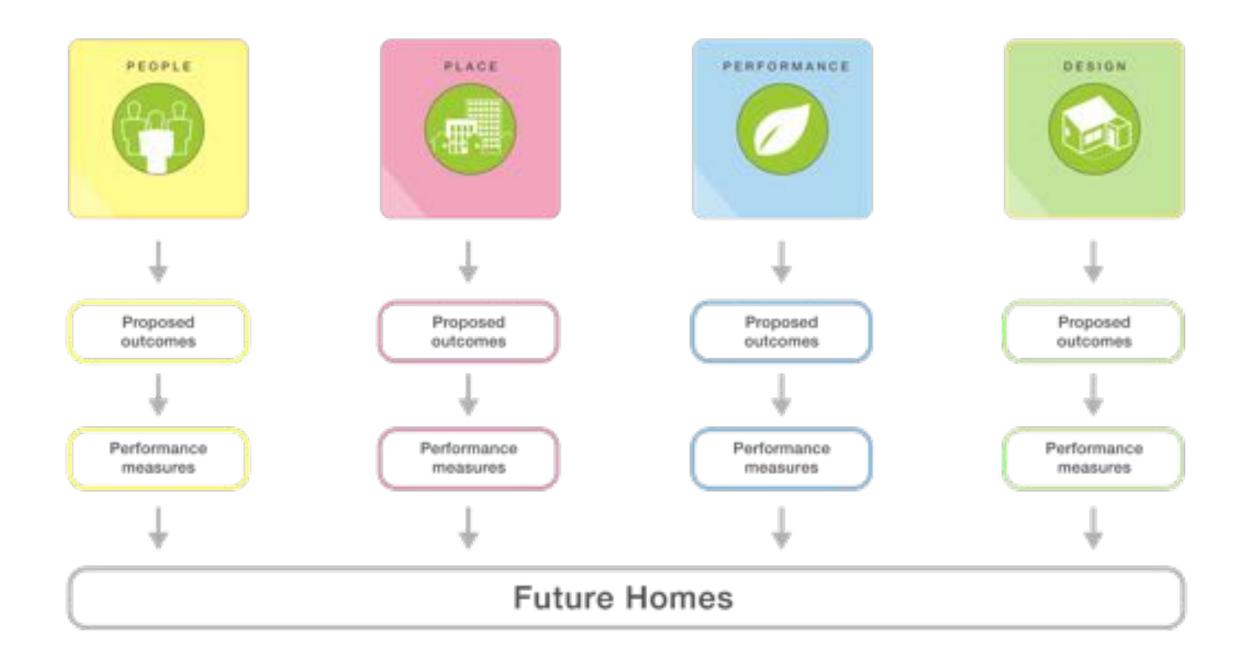
 The density of development must support good access to shopp and services when \$00,000 or 5:10 mousies wait?"



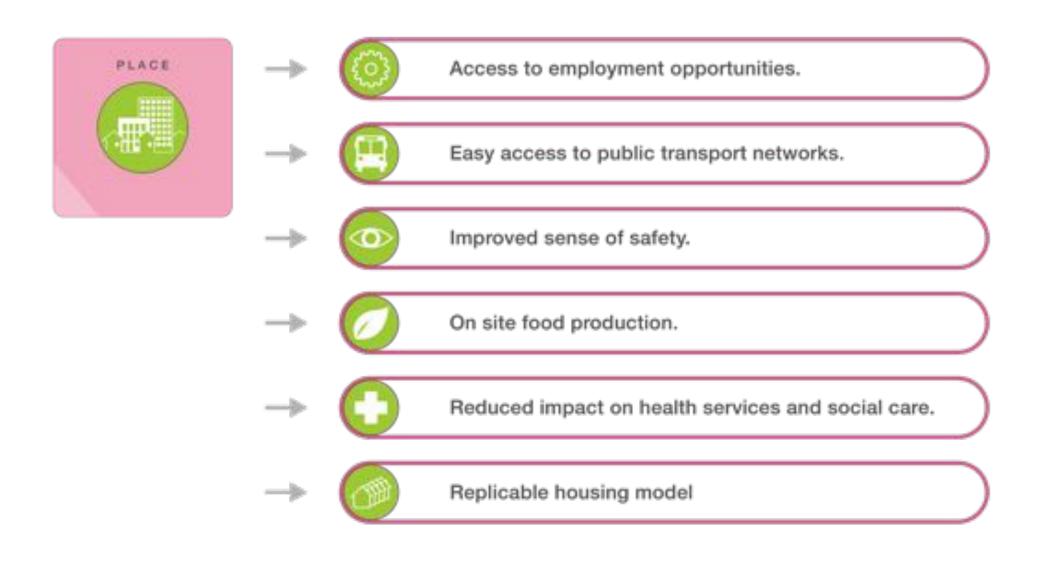


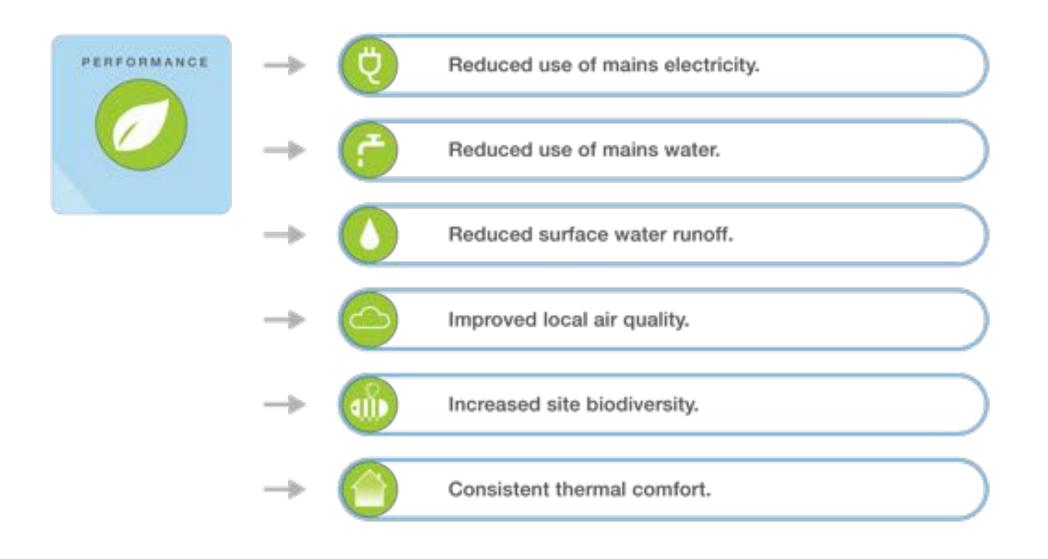
#### Future Homes

























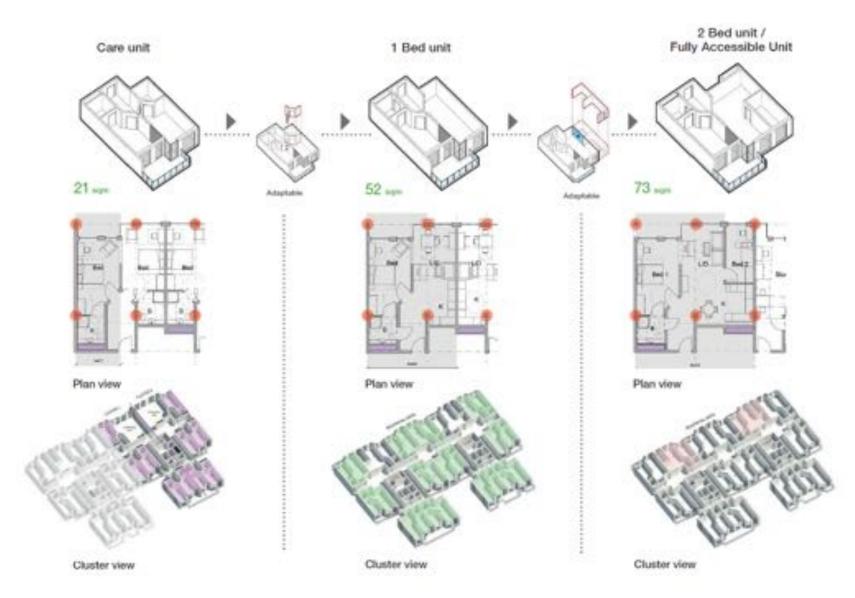




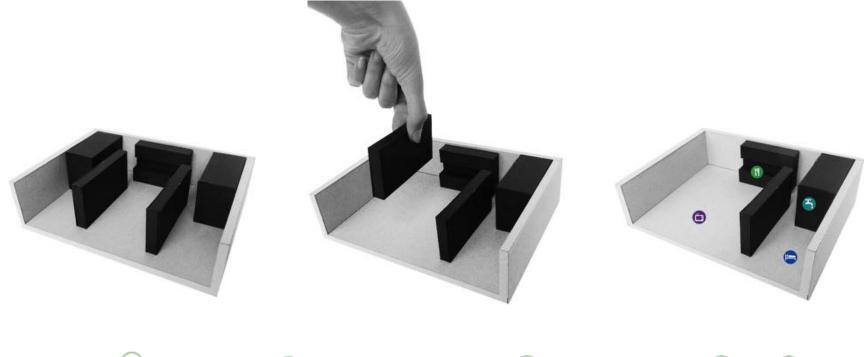
# Campus for Ageing and Vitality



## Central and Cecil













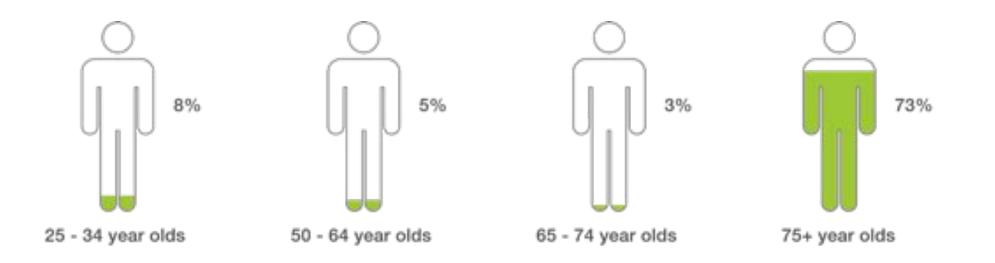


Defined independent living areas within shared apartments

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.