

# RESOURCE PACK ONE



**RIVERSIDE  
SUNDERLAND**  
UNIVERSITY DESIGN CHALLENGE  
Site Context

**MOBIE**  
Ministry of Building  
Innovation and Education

  
**Sunderland**  
City Council



Confederation  
of Timber  
Industries



# Riverside Sunderland In Context





# Riverside Sunderland Masterplan



- 1,000 energy efficient homes to rent and buy across four residential neighbourhoods
- A new business district with one million square feet of modern office space
- The Culture House – a new city library and creative hub
- A stunning riverside park
- A green boulevard in the heart of the city
- Two new bridges crossing the river for pedestrians and cyclists
- Smart city infrastructure
- Housing Innovation and Construction Skills Academy





# Vaux Riverside Sunderland Scheme



Attractive, high quality landscape and public realm

The scheme must be shown to be carbon neutral

Emphasise health and well-being of people, the community, and our planet

Creatively employ sustainable building materials and construction methods

Be energy efficient and technology smart

Your home needs to meet or go beyond the RIBA 2030 challenge





# Vaux Development Boundary





# Vaux Housing Zone



- Approximately 100 innovative new homes situated on a dramatic peninsular overlooking the River Wear
- The home of the Sunderland Future Living Expo 2023 and potential site of the Home of 2030 design competition winners
- A sustainable new city centre neighbourhood constructed using modern methods of construction, energy efficient and low carbon components
- Smart home technology and digital infrastructure
- Attractive, high quality landscape and public realm



# Construction



- Approximately 100 high quality new homes
- Mix of family houses, townhouses, maisonettes and apartments max 4 storey
- Low carbon sustainable timber or hybrid timber solutions
- Utilizing Modern Methods of Construction and Off-Site Fabrication
- Flexible and adaptable layouts
- Smart and low carbon infrastructure
- High quality private, semi-private and public realm and landscaping





# Your Indicative Masterplan & Home Design in Detail



- **Develop an indicative masterplan, landscape and streetscape for 100 innovative new homes** on a dramatic peninsular overlooking the River Wear  
*(land within the purple line)*
- **We want you to design, engineer, detail and cost one family 3 bed home**
- **The maximum footprint for your home is 9m x 6m**
- The home must be adaptable to meet the needs of living and working now, and in the future
- Your home needs to meet or go beyond the RIBA 2030 challenge
- **To receive the full brief, register your interest at:**  
[www.mobie.org.uk/riverside](http://www.mobie.org.uk/riverside)







To find out more about the  
**Riverside Sunderland - University Design Challenge**

[www.mobie.org.uk/riverside](http://www.mobie.org.uk/riverside)

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