Science Central
Progress to date

University Court

15 October 2013

Science Central Project Team
Progress

• Demolition

• Planning approvals

• Site Enabling Works

• Phase 1 – The Core Building and Infrastructure

• Geothermal borehole

• University Buildings

• Timetable

www.newcastlesciencecentral.com
The Brewery site (pre-demolition 2007)
Demolition in progress (July 2007)
Planning approvals

- Outline planning consent for entire site master plan
- Enabling works planning consent
- Reserved matters planning consent for phase 1 works
The illustrative masterplan

The illustrative masterplan is based on four character areas plus Knowledge Square - the focal point of the development:

- **The Knowledge District** - a place for people to work, meet and exchange ideas
- **Home Zone** - a place for sustainable living
- **Live and Work** - a place for urban living and working
- **Local facilities** - for local communities
- **Knowledge Square** - the community heart of Science Central

1. The Gateway Space
2. Science Square
3. Knowledge Square
4. Wellington Street
5. Corporation Street
6. St James Boulevard
7. The Knowledge Link
8. Westgate Road
9. Gateway Supercrossing
10. Westgate Road Junction
11. Diana Street
12. Pitt Street
13. Live/Work Zone
14. Strawberry Place
15. St James' Park
16. Downing Place
17. Heber Street
18. Arthurs Hill
19. Home Zone
20. Summertown
21. Grade II listed former church
22. Barrack Road
23. Gallowgate
24. Local Square
25. Bath Lane
26. Buckingham Street
27. Cross Villa Place
Site enabling works

- Removal of redundant mine-workings
- Remediation of previously identified contamination hot spots associated with historical site uses
- Grouting
- Coal extraction
- Re-compaction of the site to achieve the Master plan levels.
Enabling works (July 2012)
Phase 1 Scope

- Upgrade Wellington Street to create pedestrian dominated route
- New public space linking to University via Heber Street
- New public space linking City with the site from St James Boulevard
- Other streets created as shared surface
The Core, Science Central

- First Building on site
- Landmark building
- Incubator facility for new and growing science companies
- University CPD Centre
- Project showcase
The Core Building under construction (July 2013)
The Core Building under construction (September 2013)

Construction began in April 2013

Construction has now reached level 3 of 7
Infrastructure and Public Realm

• Scope includes earthworks, drainage, highways, utilities and landscaping to facilitate the first building and future development plots.

• Upgrade of Wellington Street which acts as a key “spine” of infrastructure for the project and the creation of two new public spaces around which building development will take place.
“Interim” Site Uses

- Greater community access
- New routes across site
- New public parkland
- Community gardens for small scale food growing
- Improved visual amenity
- More “marketable”
Geothermal Borehole

- To potentially enhance the site’s sustainability credentials

- In August 2011 a depth of 1821m was achieved with initial findings proving temperatures (72ºC) above the national average in the production aquifer

- Currently reviewing the options to carry out further works to determining flow data
University Investment

• The University is at advanced stage of determining the nature of its first building on the site

• With a vision for a unique environment in which internationally leading scientists work in an interdisciplinary manner with cutting edge facilities and expert practitioners to discover and demonstrate solutions to the most important global sustainability challenges.

• Driver is digitally enabled urban sustainability underpinned by research excellence.
Proposed location of University Building

Scheduled to open September 2017 (subject to approvals)
Timetable

- Enabling works to be complete November 2013
- The Core, Science Central to open September 2014
- Phase 1 infrastructure to be complete September 2014
- University first building construction to commence April 2016
- University first building to open September 2017