1. Graphene Engineering Innovation Centre Project cost: £60m

Completion date: 2017

The Graphene Engineering Innovation Centre (GEIC) will be critical in the development of commercial applications and in maintaining the UK's world-leading position in graphene and related 2D materials. It will be built on the site of the Faraday undergraduate block which is to be demolished.

2. Manchester Engineering Campus Development

Project cost: £300m Completion date: 2019-2020

A significant part of the Estates Strategy is to relocate all academic accommodation from the North Campus to the South, so we need to create the Manchester Engineering Campus Development near Oxford Road. This will incorporate a teaching block.

3. The National Graphene Institute Project cost: £61m Completion date: 2015

The National Graphene Institute will provide a stateof-the-art research facility which builds upon the highly acclaimed work of Nobel Laureates Professor Sir Andre Geim and Professor Sir Kostya Novoselov of The University of Manchester.

4. Simon Building Project cost: £12m Completion date: 2015/16

The Simon Building has seen recent investment in a new Computer Cluster, a new shared services facility for Human Resources and conversion of the basements into new lecture theatres. This investment will continue with a £12m programme of long-term maintenance works and the creation of additional teaching spaces.

5. Quad Conservation Project Project cost: £11.3m

Completion date: 2016

Conservation of the quad buildings including John Owens, Christie, Beyer and the Manchester Museum. Upgrading the single glazed windows to incorporate double glazing will assist in reducing the carbon emissions associated with heating the building and improve comfort.

6. AV Hill Building Project cost: £3m Completed

When originally built the AV Hill Building included some shell accommodation for future use. This project, together with other internal remodelling works, fits out this space to provide much-needed laboratory, write up and office accommodation.

7. Biomedical Research Building Project cost: £21m Completion date: 2018

A dedicated research building adjacent to the Stopford Building to meet the need for this type of accommodation in attracting world-class researchers to the University.

8. Vaughan House Refurbishment

Project cost: £2.4m Completed

The project comprises a full refurbishment of the Grade II Listed Vaughan House, the former presbytery of the Holy Name Church. The refurbishment provides a home for the Manchester based hub of the Health eResearch Centre for the North of England. The accommodation comprises a high quality dry research space with supporting accommodation including, a teaching and education facility, break out lounges, offices, and meeting rooms.

9. Manchester Business School

Project cost: £54m Completion date: 2018

The exciting Manchester Business School Redevelopment Project will create a new hotel, Executive Education Centre and redeveloped School buildings to enable MBS to co-locate on one side of Oxford Road in the strategically important Oxford Road Corridor.

10. The University of Manchester Library Project cost: £33m Completion date: 2019

The Library will be significantly remodelled and refurbished to relocate the Joule Library from the North Campus, and provide enhanced and modern library facilities. This project will span Phases One and Two of the Campus Masterplan.

11. Brunswick St Project cost: £3m Completion date: 2015

This project will see the closure of Brunswick St to mainstream traffic and transformed into a Public Realm area seeing the surrounding buildings whilst providing a gateway into the University from neighbouring Ardwick.

12. Coupland 3 (including Burlington Rooms/ Schunck Building) Project cost: £33m Completion date: 2016

Coupland 3 is a listed building located on the Rear Quadrangle of the University's cluster of historic buildings. It was the original home of the School of Medicine and large parts of the building have been vacant for some time. The building will be the new home for the School of Law, the Directorate of the Student Experience, Faculty of Humanities Administration and the Post Graduate Hub.

13. Samuel Alexander and Mansfield Cooper Buildings Project cost: £14m

Completion date: 2016

Significant investment in the Samuel Alexander and Mansfield Cooper buildings will see major remodelling of office and teaching space for the School of Arts, Languages and Cultures and the creation of breakout areas where students can mix and carry out group work.

14. Students' Union Project cost: £3m Completion date: 2018

In addition to around £1m being invested in refurbishing existing accommodation over a threeyear period, the building will be extended to provide much-needed additional accommodation for staff moving from the North Campus Students' Union.

15. Whitworth Art Gallery Project cost: £17m

Completion date: February 2015

This new development, partly funded by the Heritage Lottery Fund, has extensively refurbished the existing gallery and re-connected the 19th century building with Whitworth Park through an elegant contemporary extension. Two new wings will embrace the park, creating an art garden between, housing a landscape gallery, a café in the trees, a study centre and learning studio. Exhibition galleries will be restored, a collections access zone created and the original 19th century grand hall will be reinstated to public use.

16. Jodrell Bank, Cheshire

Project cost: £14m Completion date: 2018

Following investment into a new home for the Single Kilometre Array Project, the University's investment will continue with a number of key projects. We will embark on a programme of maintenance and repair works to the Lovell Telescope, remove redundant

embark on a programme of maintenance and repair works to the Lovell Telescope, remove redundant structures and buildings around the site and significantly refurbish the telescope control building.

17. Manchester Cancer Research Centre Project cost: £38m

Completion date: 2015

This new development, partly funded by Cancer Research UK and The Christie NHS Foundation Trust, will provide state-of-the-art facilities for the expansion of cancer research activities; accommodating scientists alongside clinical trials support staff. The integrated partnership approach is essential to turn research findings in the laboratory into better treatments for cancer patients.

