

The University of Manchester

Campus Masterplan: Staff update

Directorate of Estates and Facilities

April 2016

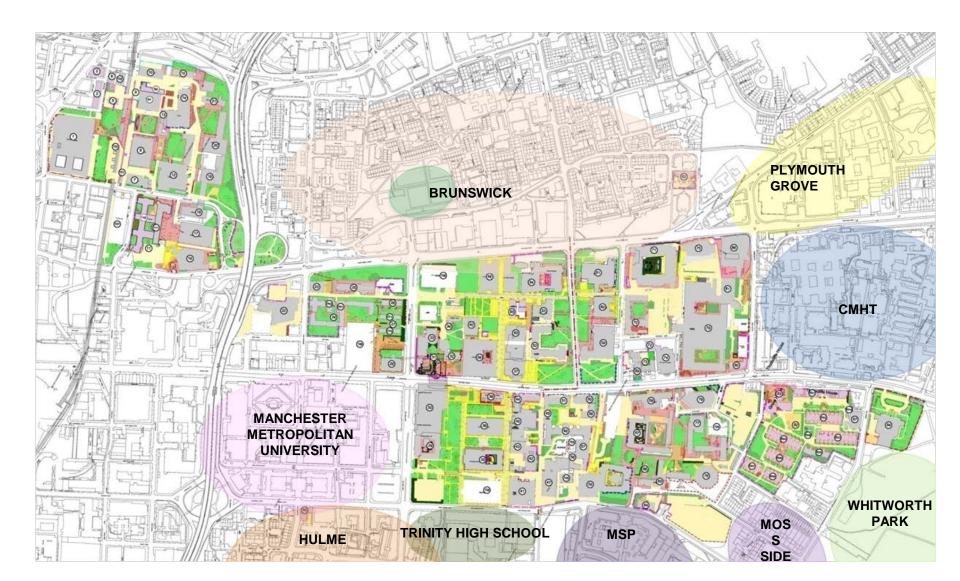


Agenda

- 1. Introduction & strategy
 - Diana Hampson, Director Estates & Facilities
- 2. Projects completed, in construction & design
 - Steve Jordan, Assistant Director & Head of Capital Projects
- 3. MECD
 - Neil Stubs, MECD Project Director
- 4. Fallowfield
 - Paul Maccabee, Deputy Head of Capital Projects
- 5. North Campus and Summary
 - Diana Hampson, Director Estates & Facilities



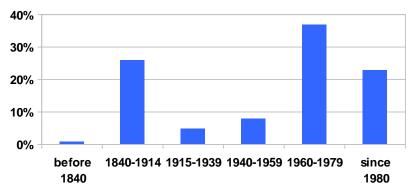
University Campus



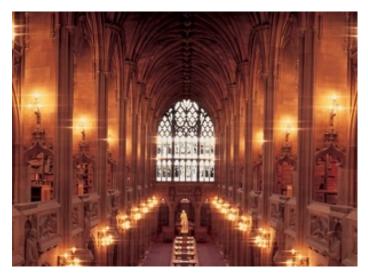


Estate Overview

- Academic and support estate (excluding residences) predominantly freehold (98%)
- 245 buildings
 - Largest university estate in UK HE sector¹
 - 667 acres/270 hectares
 - 886,000m²
 - £2.96bn insurance replacement value
 - Age profile



¹ Built square meterage per HESA Estate Management Statistics 2013-14







Estate Overview

- State of the art facilities across many areas
- 58% academic estate research
- 42% academic estate teaching
- Nationally important research facilities



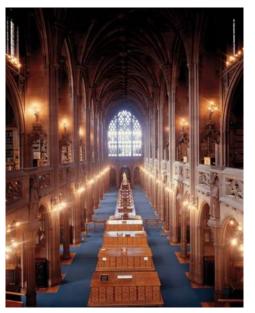




Estate Overview

- Significant heritage
- 24 Listed buildings including:
 - Whitworth Art Gallery
 - Manchester Museum
 - Lovell telescope
 - John Rylands Library,
 Deansgate
 - Old quadrangle buildings











Recent Investment

- Biggest capital programme in the history of Higher Education in the UK following 2004 merger
- 14 new buildings and many refurbishments
- Awards winning developments RICS Property Management of the Year Award for Strategy and Delivery
- Improved condition
 2004/05 44% A/B
 2014/15 74% A/B





Campus Masterplan Key Drivers

- 2020 Vision enabler
- Transformational
- World-class campus
- Market position
- Single site
- Co-location of disciplines
- State of the art facilities
- Excellent student experience
- Lower costs
- Reduced carbon footprint
- Address deteriorating stock





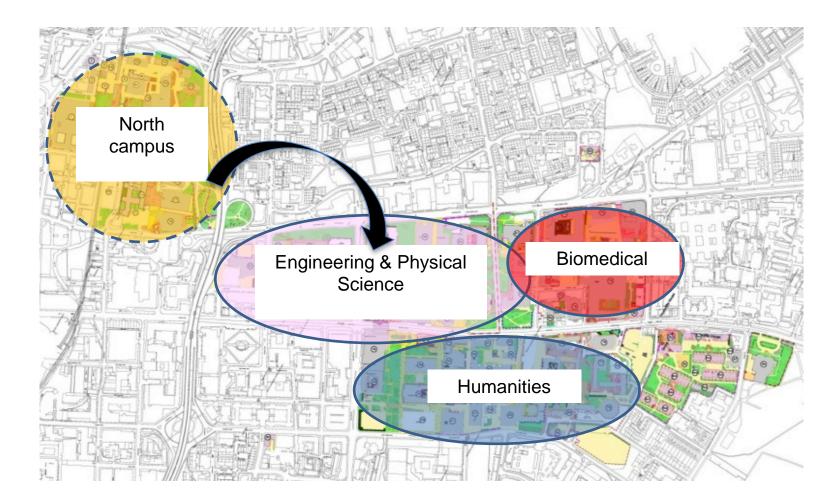
Estates Strategy 2012-2022

North Campus move

- Opportunity to create world leading engineering facilities
- Single University on single site
- Close physical proximity contributing to interdisciplinarity
- Improve student experience
- Address key drivers
- Reduce cost base
- Reduce carbon footprint



Masterplan



The University of Manchester



Preserving our Heritage

The University of Manchester

Old Quadrangle Conservation





Transforming our Campus

Alan Gilbert Learning Commons & Gilbert Square





Phase 1 Major Projects - Completed

• National Graphene Institute - £61m

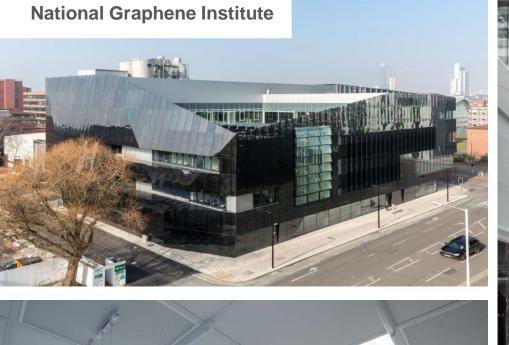
- Manchester Cancer Research Centre (MCRC) - £38m
- Whitworth Art Gallery £17m
- Dover Street Decant £1m
- Jodrell Bank Star Pavilion £1m
- Vaughan House £3m
- Simon Building Improvements (Phase 1)
 £23m
- Photon Science Institute Multi-Disciplinary Characterisation Facility (MCF) - £3.6m
- A V Hill 5th Floor Fit Out £4.2m



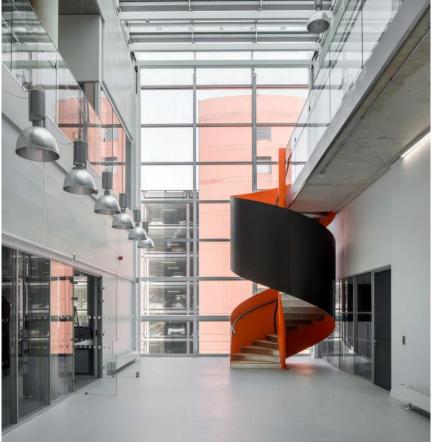
















Manchester Cancer Research Centre (MCRC)











The University of Manchester









The University of Manchester

Dover Street Decant



Phase 1 – Completed Projects







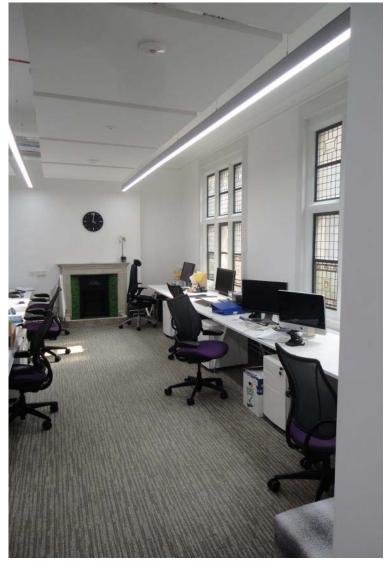
The University of Manchester





Vaughan House

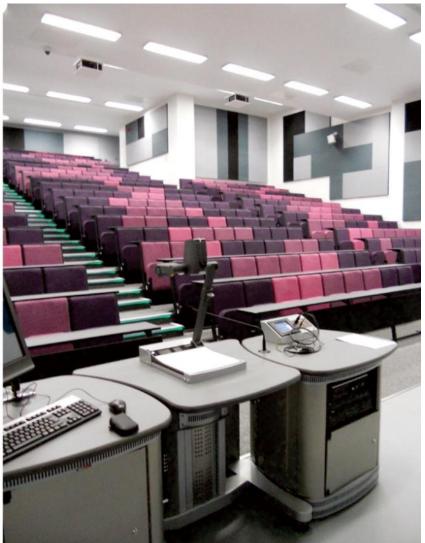




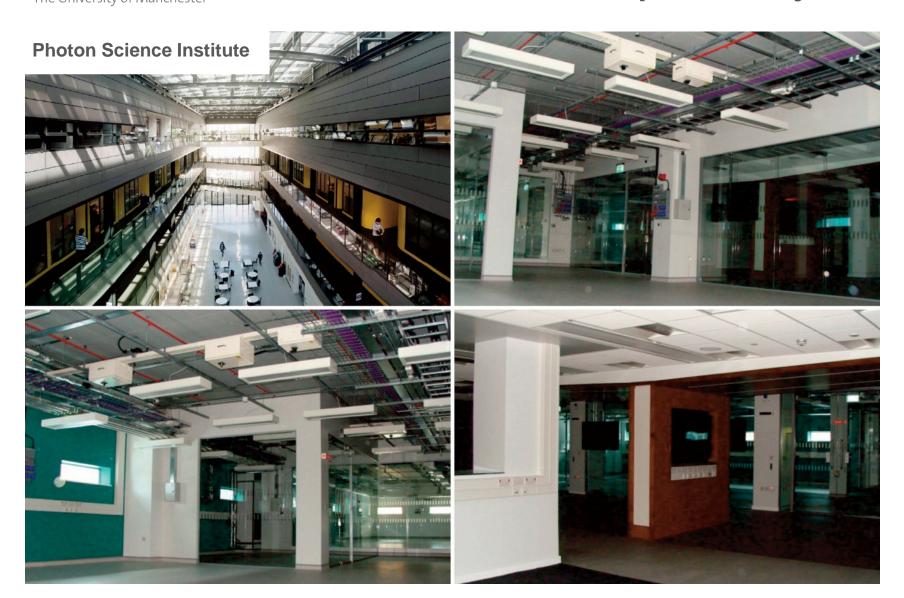


Simon Building Improvements – Phase 1



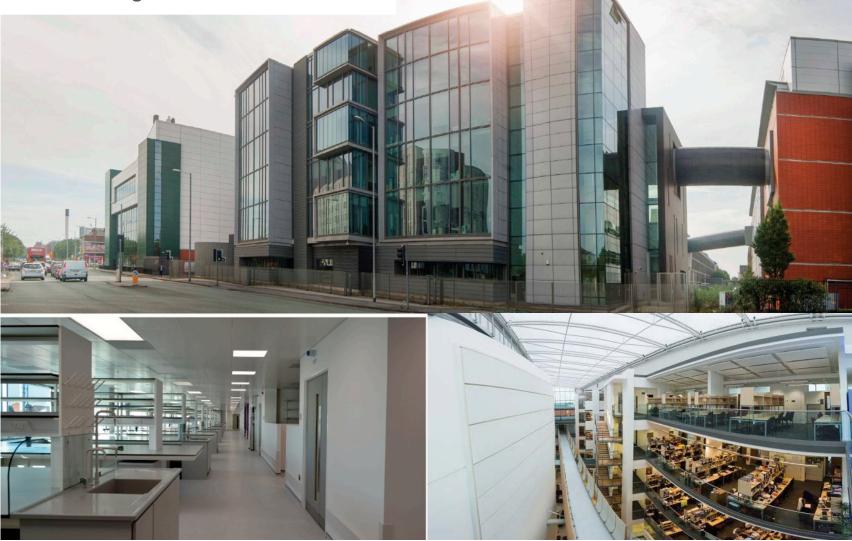








A V Hill Building 5th Floor Refurbishment





North Campus Projects – Materials Science Decant

The Mill Floors A,B,E,G,H Xray Diffraction Generally laboratory space for biological functions move here Morton Laboratory All floors Generally laboratory space for ceramics, heat, thermal chemistry & metallography functions move here



MSS Bunker Electron Microscopy Suite

MSS Tower Floors Ground to 5

Student Hub, staff common room, offices for researchers, technicians, and academics. Polymers laboratory move here

Mancunian Way



AMBS Bridge



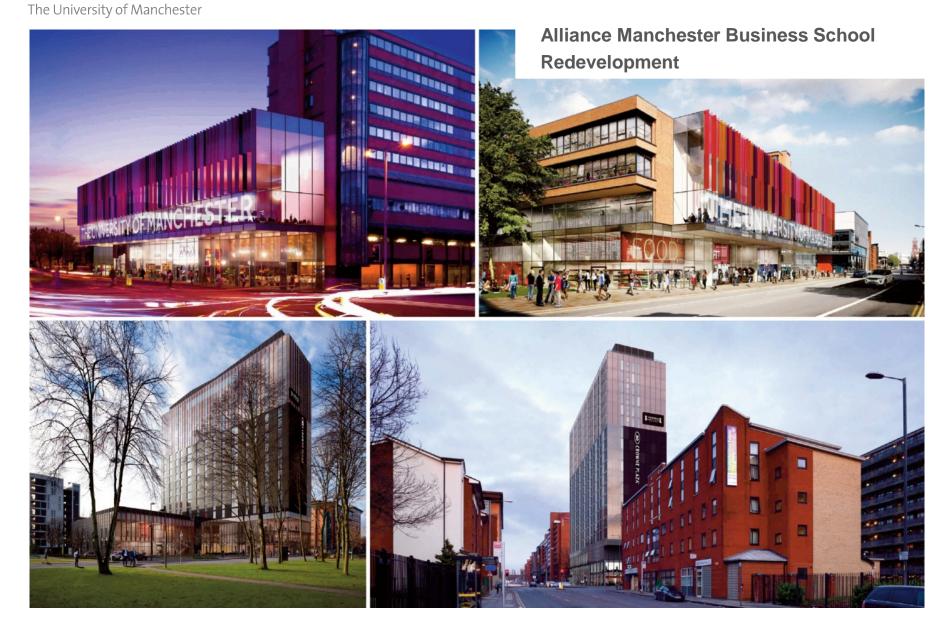


- Coupland 3 refurbishment £40m
- AMBS refurbishment, Hotel and Executive Education Centre £71m
- MECD Grosvenor demolition & enabling works £6m
- Samuel Alexander refurbishment £15.2m
- Students' Union additional floor space and LTM works £8.8m
- Sports pitches Fallowfield £2.7m
- Jodrell Bank Lovell Telescope and Jodrell Bank Masterplan- £10m















http://www.mecd.manchester.ac.uk/mecd-project/mecd-site-webcam/



MECD Demolition

Phase 1 – In Construction



http://www.mecd.manchester.ac.uk/mecd-project/mecd-site-webcam/



Students Union





Phase 1 – In Design

Jodrell Bank – Lovell Telescope and Jodrell Bank Masterplan





Phase 1 Major Projects – In Design

- Manchester Engineering Campus Development, including New Teaching Block
 £330m
- Fallowfield Student Residences Redevelopment £170m
- Graphene Engineering Innovation Centre (GEIC) £60m
- Library refurbishment £34m
- Schuster Building new annexe extension £11m
- Chemistry refurbishment £32m
- Combined Heat and Power £7m



Phase 1 Major Projects – In Design

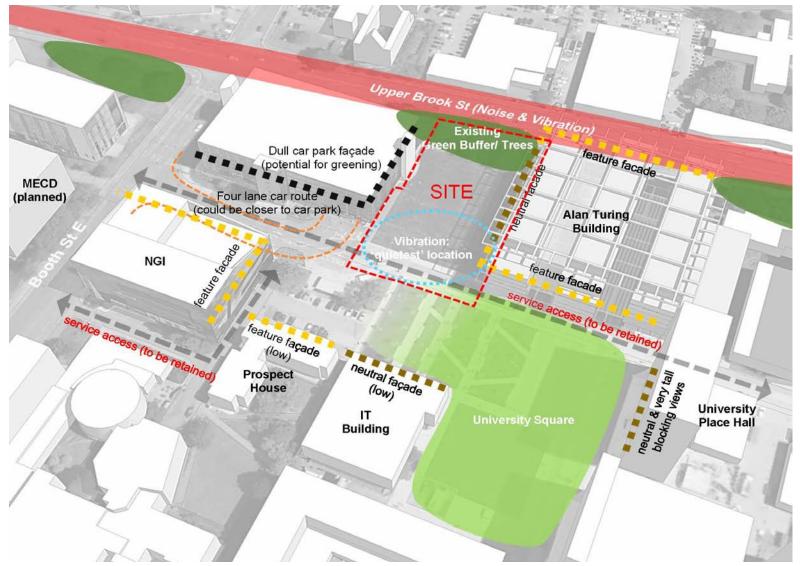
- Kilburn remodelling £5m
- Brunswick Park £3m
- Sir Henry Royce Institute £100m
- SKA2 at Jodrell Bank £12m
- Jodrell Bank First Light Pavilion £12m
- Manchester Museum Indian Subcontinent & Temporary Exhibition Gallery -£9.5m
- Centre for International Nuclear Decommissioning Innovation At Dalton Cumbrian Facility - £TBC



Phase1 - In Design

The University of Manchester

Sir Henry Royce Institute





Phase1 - In Design

The University of Manchester

Graphene Engineering Innovation Centre (GEIC)

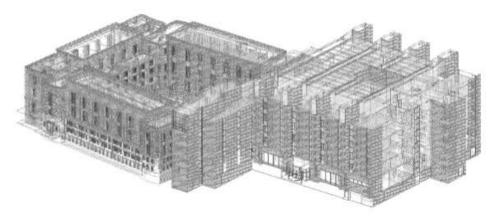




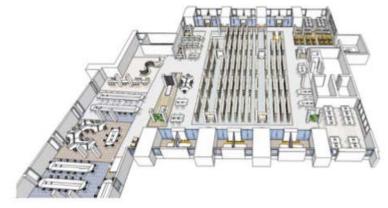


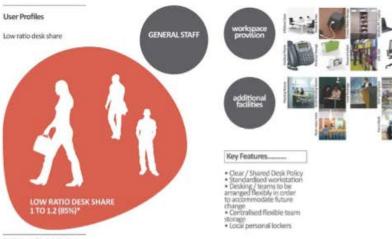
Phase 1 – In Design

Main Library Refurbishment









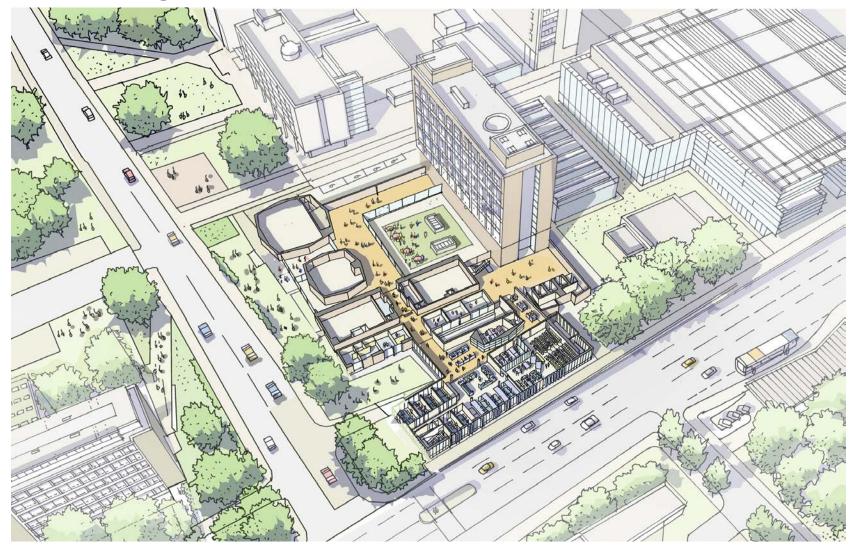
Phillip Disserts of Marchaele Marchaele Revilings 110 cm fail (spape and Waters)



Phase1 - In Design

The University of Manchester

Schuster Building – New Annexe Extension





Phase1 - In Design

The University of Manchester

Schuster Building – New Annexe Extension





Phase 1 – In Design

Brunswick Street Public Realm





Phase 1 – In Design

Brunswick Street Public Realm

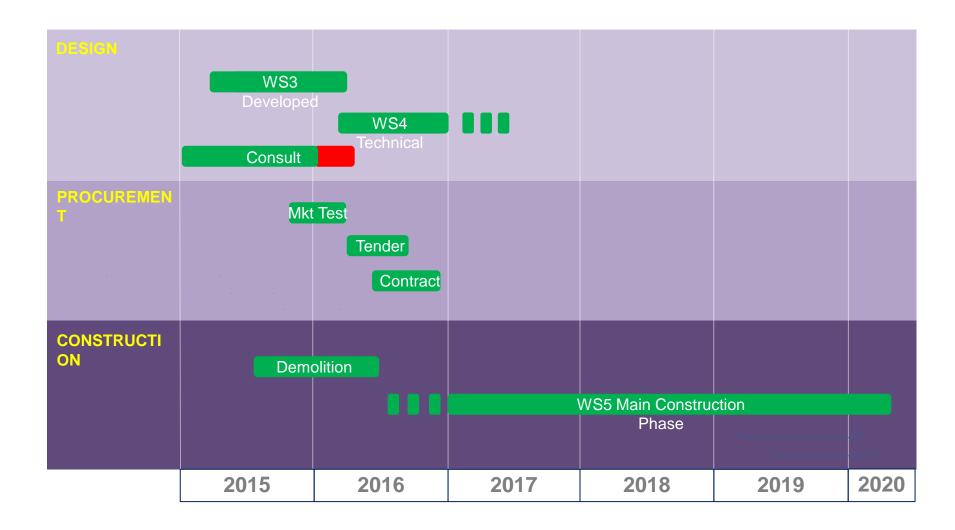




Manchester Engineering Campus Development

Work Stage 3 Overview

Project Timeline



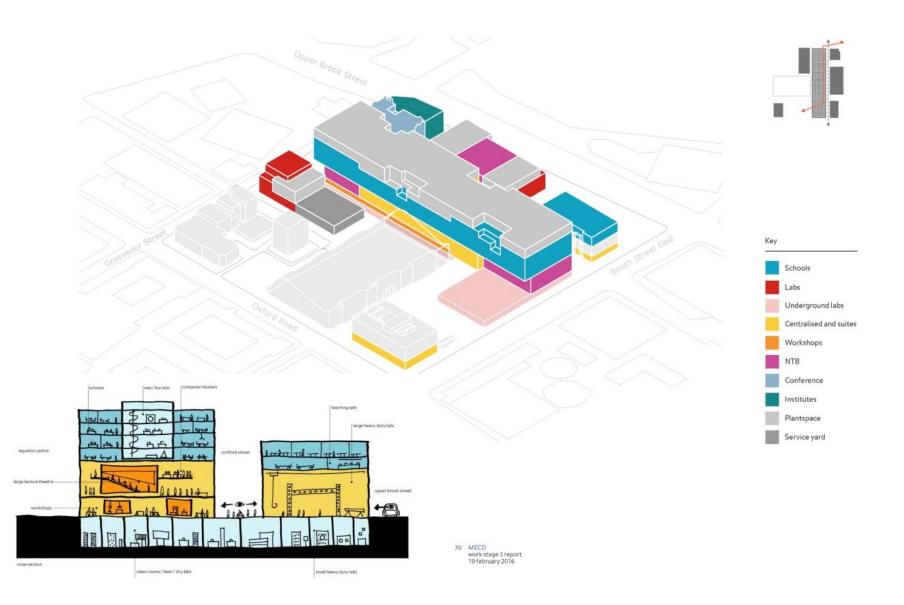
MEC Hall from NGI



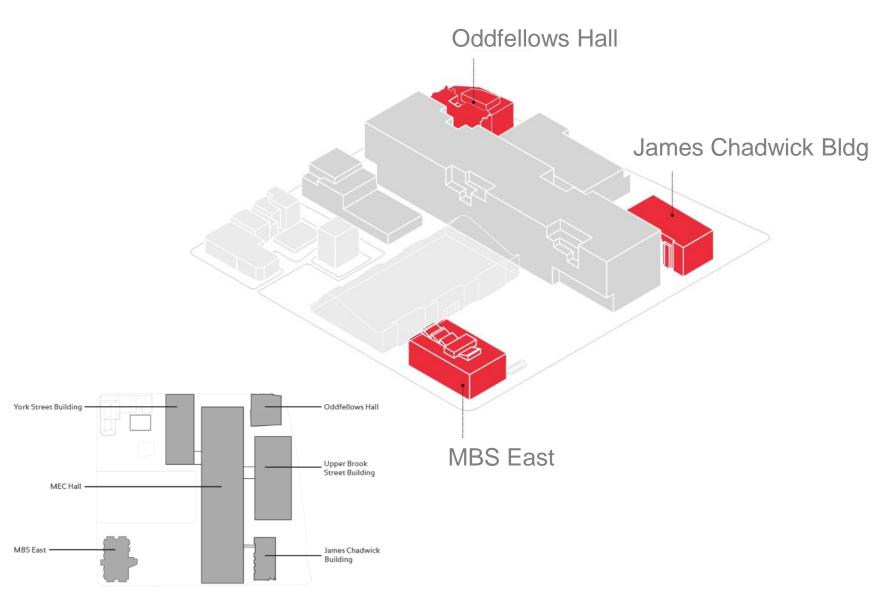
Scope

Over £320m investment the single, largest development ever constructed on-site A six year project culminating in 2020 Home to four schools, two research institutes, EPS Faculty Office, Foundation Studies and centrally timetabled teaching facilities Over 1,300 staff members and 6,700 students On completion it will be the size of 11 football pitches: over 83,000m²GIA

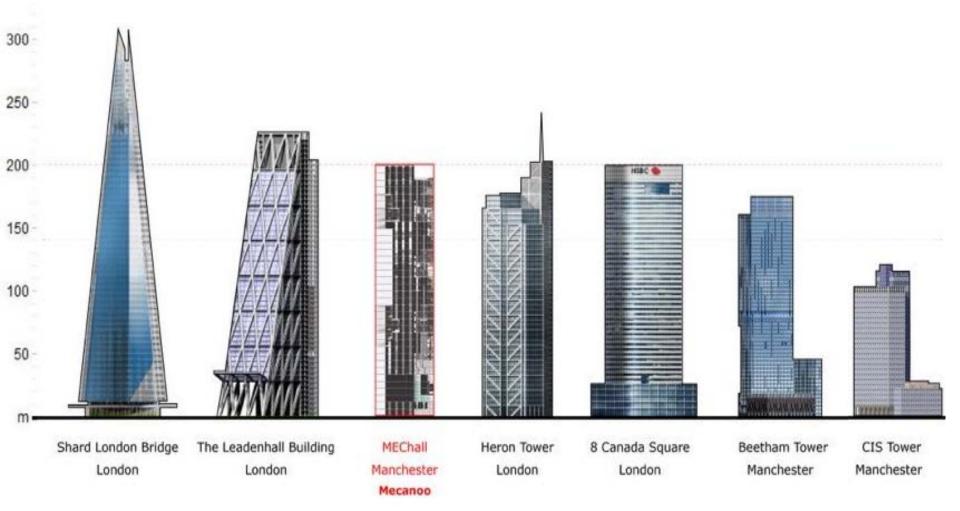
Stack



Interventions



Scale



Main Entrance



External Street



View from Upper Brook St



Oddfellows Hall



MEC Hall North Entrance



Internal Street



Events Space





exhibition



waiting area



lecture Layouts



conference

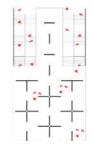


graduation

е







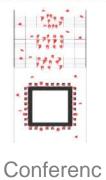
Waiting

Exhibition





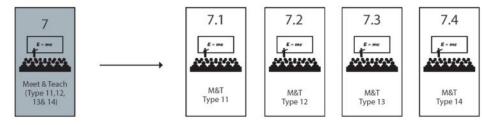
Lecture

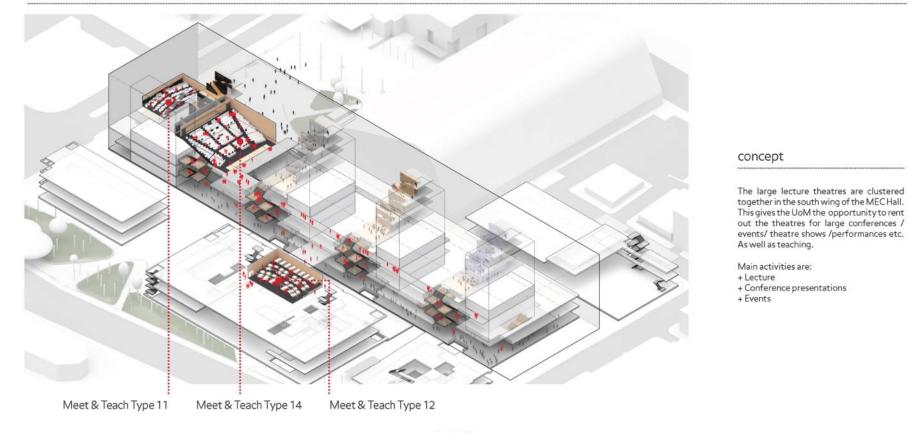




Graduation

4.7 Detailed Interior Strategy Meet & Teach type 11 / 12 / 13 / 14





382 MECD work stage 3 report 19 february 2016

MECD





The University of Manchester

Find out more

.....



@uom_mecd





@uom_mecd



mecd-uom.tumblr.com



askMECD@manchester.ac.uk

www.manchester.ac.uk/mecd



Residential Strategy

- Three main locations
 - Fallowfield
 - Victoria Park
 - City centre
- Much of residential estate in Condition C/D
- Need for refurbishment/redevelopment
- Priority redevelopment Fallowfield Campus









Phase 3 Flats and Retail Units



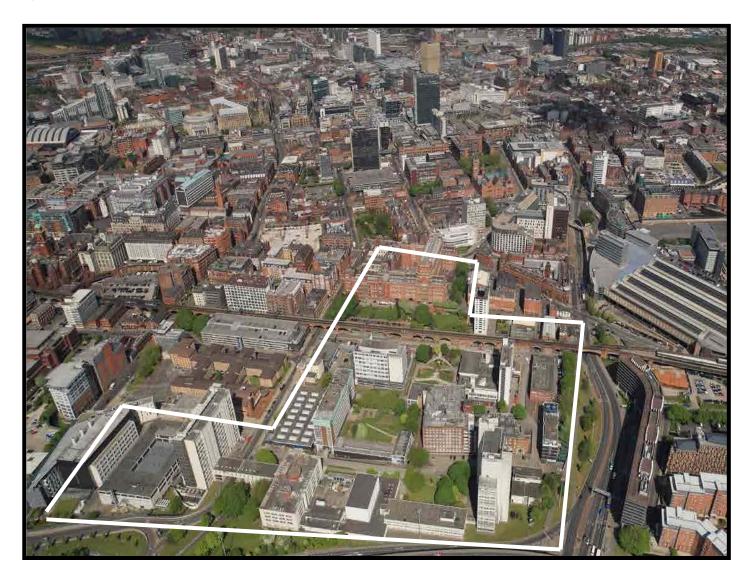








The University of Manchester

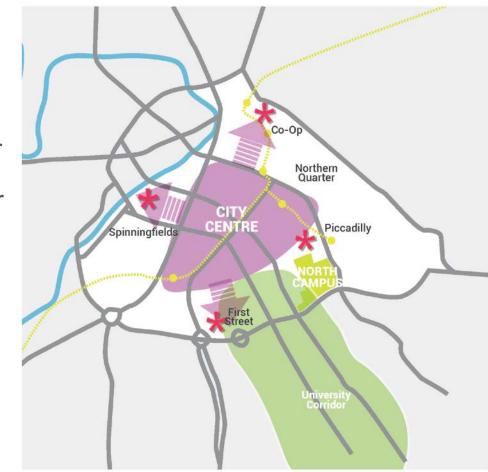




The University of Manchester

City Centre context

- SE sector of city ${\color{black}\bullet}$
- West Spinningfields
- North Noma/Northern Quarter
- South First Street/Manchester Central
- Next major opportunity for growth of the city core
- Scale to create a new city district





- The University of Manchester
 - Largely 1960's buildings but very significant 50,000m2 listed building
 - Strategic review of future use as an important part of the City Centre
 - Consider physical character, economic development strategy and wider contribution to Manchester's future success
 - Upside not included in the current financial plan



- 50,000m2 Listed building?
- What to retain?
- London Road frontage?
- Mothballing costs/Rating liability?
- Market conditions?
- Site access?
- Power and water?
- Investment opportunities?



• HS2



Cross City Bus Package



The University of Manchester



Risks and challenges

- Funding
- Inflation
- Stakeholder engagement
- Construction Industry
 - Contractors
 - Supply Chain
 - Materials
 - Risk
- Economic Conditions
- Maintaining business as normal



Summary

- Transformational strategic enabler
- Single site/Co-location of disciplines
- State of the art facilities
- Excellent student experience
- Lower costs
- Reduced carbon footprint
- Ambitious plan
- Experienced team
- Internal and external partnerships
- Engaging key stakeholders
- Creating delivery partnerships





Communications

Feedback on comms?

Lisa.C.Mccarthy@manchester.ac.uk

Questions on masterplan or projects?

partneringframework@manchester.ac.uk



The University of Manchester

Questions?

