

# Why Manchester?

MANCHESTER  
1824

The University of Manchester

## Careers

Manchester graduates are equipped for career success – find out how we'll give you a head start on the competition.

## Multicultural Manchester

With a variety of cultures, traditions and ethnicities living together, Manchester has amenities for people of all backgrounds.

## Research quality

We have a reputation for research and teaching excellence and a history of achievement.

## The Manchester experience

An amazing university experience that's rooted in a rich heritage – at the heart of the UK's most popular student city.

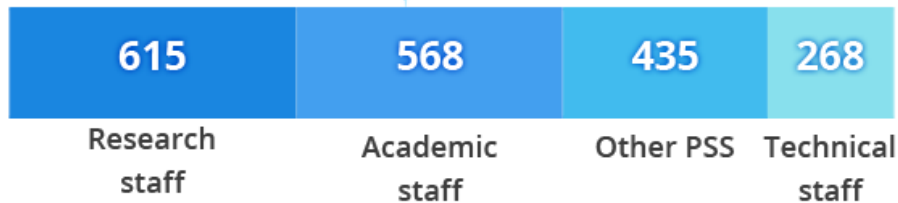
# Faculty of Science and Engineering

MANCHESTER  
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Staff members



Students



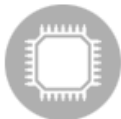
# Our schools



School of Chemical Engineering and Analytical Science



School of Chemistry



School of Computer Science



School of Earth, Atmospheric and Environmental Sciences



School of Electrical and Electronic Engineering



School of Materials



School of Mathematics



School of Mechanical, Aerospace and Civil Engineering



School of Physics and Astronomy

# The University of Anywhere

Blended learning approaches

Blended assessment

Courses that challenge preconceptions

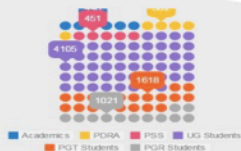
Reward excellence

Accredited courses quality assurance

# MANCHESTER ENGINEERING CAMPUS DEVELOPMENT (MECD)

IN A MINUTE

The University of  
Manchester's  
single, largest  
development ever  
constructed on site



## MECD PEOPLE IN NUMBERS

446 Academics  
362 PDRA  
451 PSS Staff  
4105 UG Students  
1618 PQT Students  
1021 PGR Students



£300+ Million

Investment



6 Years

2014 - 2020



76,000 m<sup>2</sup>

Approximately 11 football  
pitches of space



PLUS

Foundation Studies, EPS  
Faculty Office & Central  
Timetabled Teaching  
Spaces



2 Research  
Institutes

Dalton Nuclear Institute &  
International Centre for  
Advanced Materials

4

Schools

CEAS, EEE,  
Materials & MACE



7,000

Students



Sustainable



askMECD

[www.mecd.manchester.ac.uk](http://www.mecd.manchester.ac.uk)



## Manchester Engineering Campus Development (MECD)

askMECD



The University of Manchester

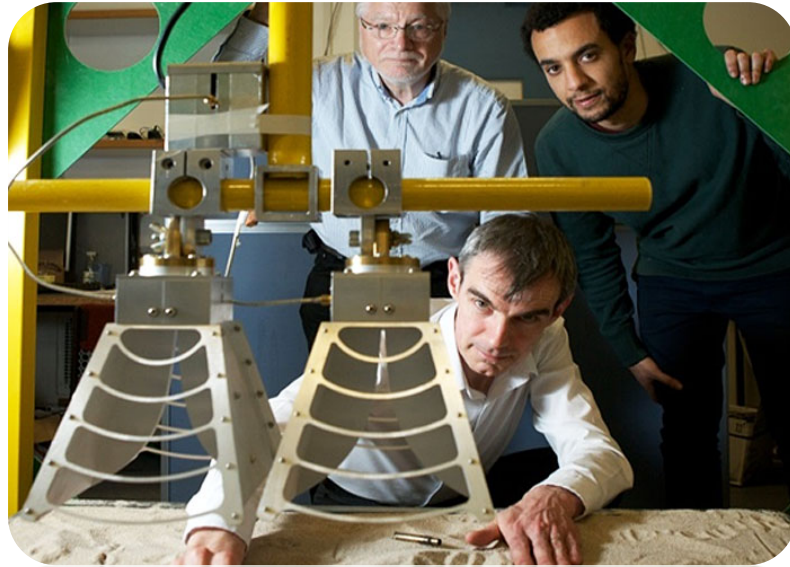
STELLIFY

DO MORE BE MORE

# CIRCLE

MANCHESTER  
1824

The University of Manchester







The live 'lab'





**TBG**

**solutions**

Understand, Engineer, Deliver.

DELIVERING THE UNSEEN

Paul Rawlinson  
Founder and MD



# Organisation Growth Timeline

- TBG Established August **2001**
- Expanded To Don Valley **2003**
- Expanded To Barlborough **2006**
- Opened TBG Glasgow **2007**
- Expanded TBG Glasgow **2009**
- TBG R&D Established **2013**



**TBG**

**solutions**

Understand. Engineer. Deliver.

DELIVERING THE UNSEEN - Call 01246 819 100 or visit [tbg-solutions.com](http://tbg-solutions.com)

# Customer Success

Customers 85+  
Projects 300+



## International Customer Base

UK  
Turkey  
Finland  
Sweden  
America  
Italy  
France  
Belgium

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# Systems Delivered

Aerospace Customer



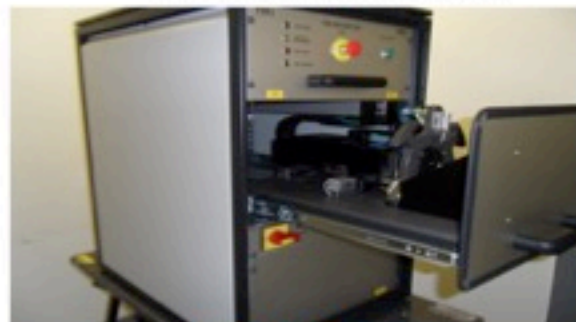
Defence Customer



Manufacturing Customer



Manufacturing Customer



Aerospace Customer



Oil & Gas Customer



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# VP Role At Manchester

## Goals

- Work with Faculty To Embed
  - Innovation
  - Entrepreneurship
  - Employability





# VP Role At Manchester

## Current Achievements

- Learning the acronyms
- Structure of the facility
- Innovation Challenge 1 day during MMF
- Interview Techniques 1 day during MMF





# VP Role At Manchester

## Impact

- 2000 students took the innovation challenge over 7 schools
- Employers had direct contact with students working within the groups both formally and informal



# VP Role At Manchester

## Future Work

- Innovation challenge ++
- Ideas Mill

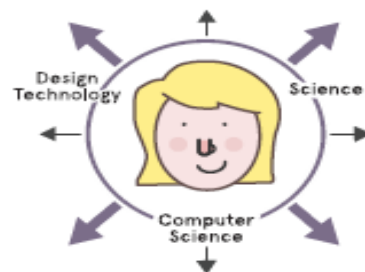
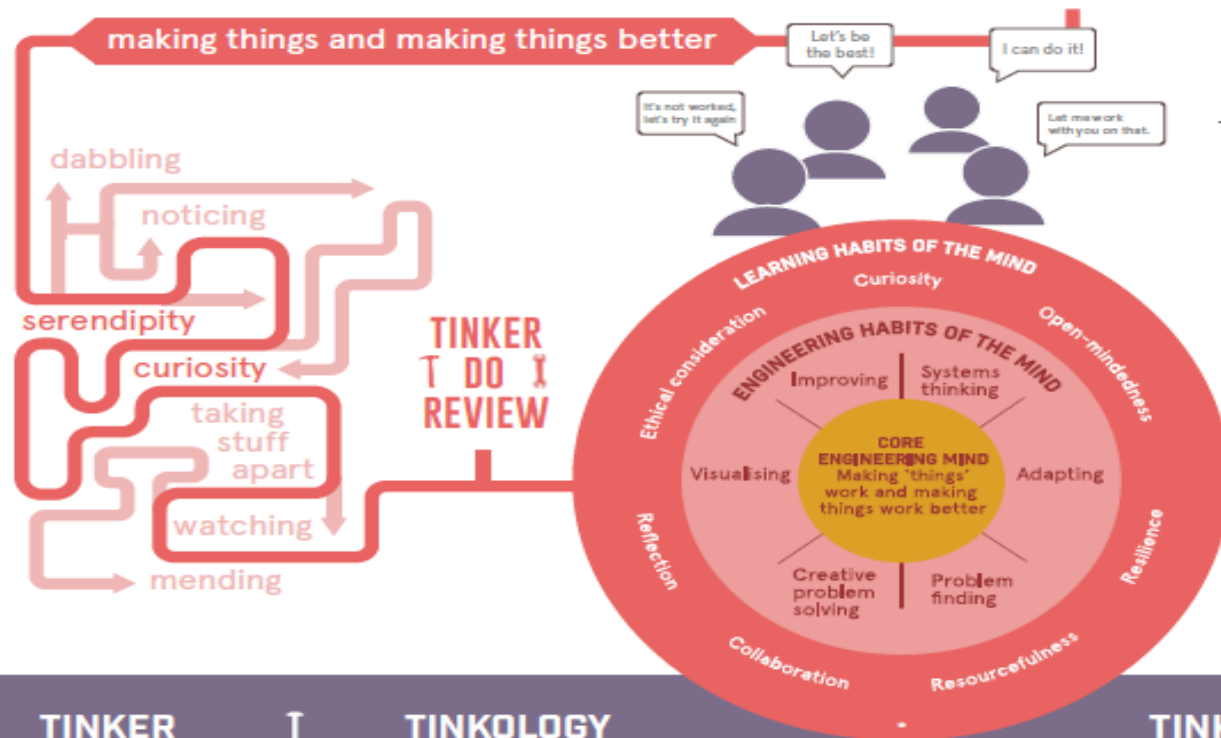


# TINKERING

A SIGNATURE PEDAGOGY  
FOR PRIMARY ENGINEERING



PROCESS  
→ with ←  
PURPOSE



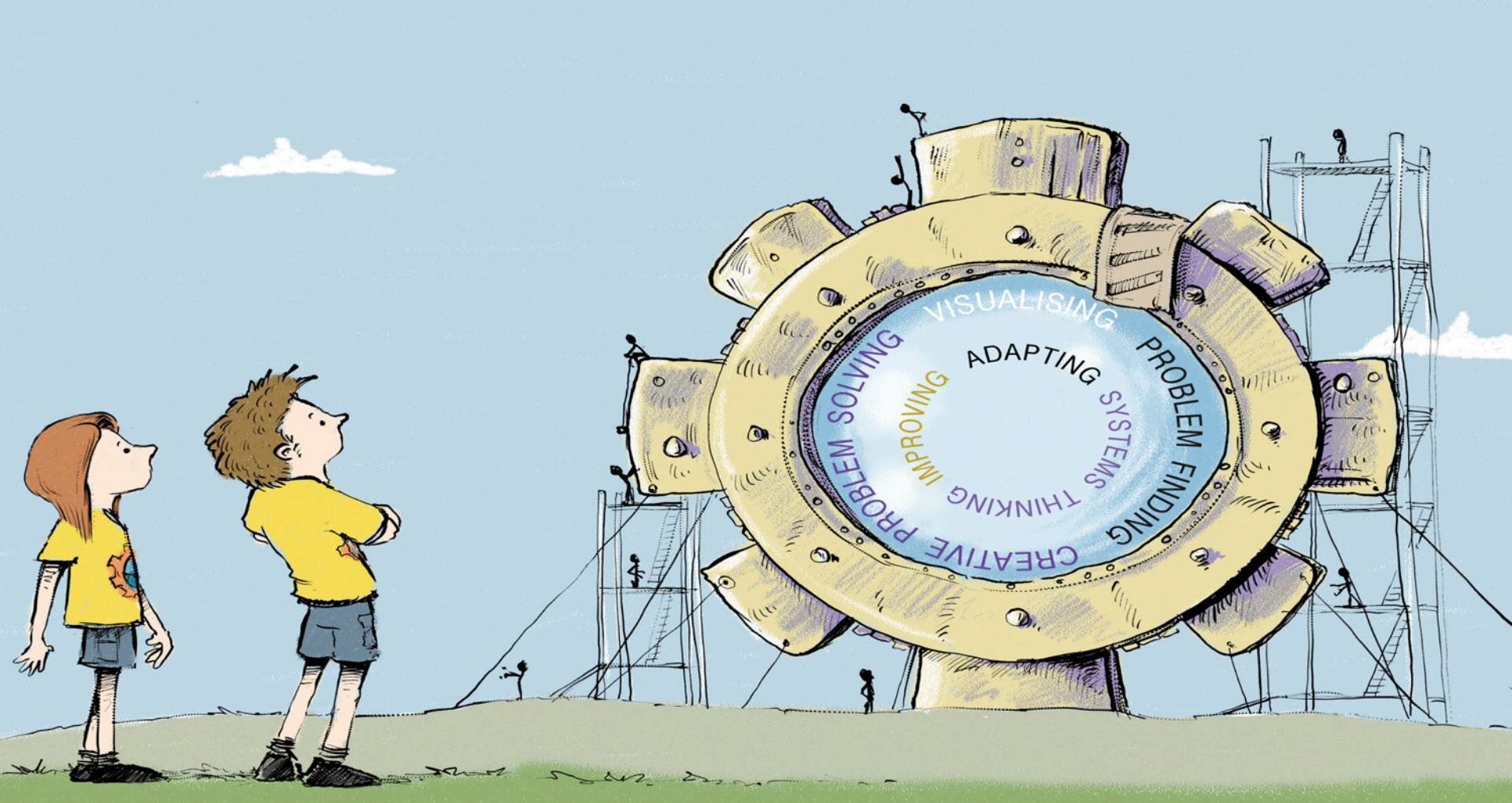
TINKER



TINKOLOGY

TINKENEERING







“I’m you in the future,  
so if you help me now  
in the future I can  
better than you”

Abigail Coates