



Research Partnership

OUR CAPABILITIES

COLLABORATION. EXCELLENCE. GROWTH.



N8 is a partnership of the eight most research-intensive universities in the North of England: Durham, Lancaster, Leeds, Liverpool, Manchester, Newcastle, Sheffield and York.



01 CORPORATE DATA

The N8 is a partnership of the 8 research intensive universities in the North of England – Durham, Lancaster, Leeds, Liverpool, Manchester, Newcastle, Sheffield, York.

The partnership can access significant research capability:

- Over 18,000 academic staff – 10% of UK total
- Total research income in 2009/10 was £740m.
- 125 “top 10” subject rankings in the UK (Research Assessment Exercise 2008).
- Over 51,000 postgraduate students – 16% of UK total (taught and research).
- All 8 universities in the top 1% of institutions in the world.

02 CORE COMPETENCIES

The mission of the N8 partnership is to:

- Promote collaboration between universities, business and research users.
- Deliver excellence through our research capabilities and programmes.
- Drive economic growth by generating income, jobs and new businesses.

03 TRACK RECORD

Performance to date:

PHASE 1 (SINCE N8 CREATED IN 2007)

- Delivered successful, business-led research programmes in Regenerative Medicine and Molecular Engineering.
- These research centres create a critical mass of research assets, to move on broader industrial and commercial opportunities.
- The Centres have achieved significant success in working with SMEs, developing supply chains and connecting to large industry players. They have worked with over 200 businesses, achieved over £37m of income and created over 60 jobs.
- These Centres demonstrate a successful, innovative and effective collaboration between universities, to support research and commercialisation of new technologies. The partnership is “investment-ready”.

WE WORK ACROSS BOUNDARIES, LINKING UNIVERSITIES AND BUSINESS, AND AT THE INTERFACE OF DISCIPLINES AND TECHNOLOGIES, RESEARCH AND POLICY DEVELOPMENT.



PLANS – PHASE 2

The N8 universities have collectively committed £1m over the next 3 years to support collaborative working. We are looking at a number of new opportunities including:

- Delivering a translational social sciences programme, based on the needs of business, Local Authorities and Local Enterprise Partnerships (LEPs) in the North.
- Increasing innovation and business growth for new and current clients, and creating jobs through collaborative research projects.
- Creating “N8+” – a network of large global R&D businesses and SMEs in the North, to catalyse innovation at the interfaces of current research activity.
- Maximising the value of our capital assets to support world class research.

- Clustering capability to support the rebalancing agenda –sectorally and geographically.
- Model combines “best with best expertise” to work with industry and research users.



04 DIFFERENTIATORS

Key features of the N8 partnership: what makes us different in how we support technology transfer and business and economic growth.

- Light touch collaborative models promote quicker and easier access to the research base.
- World class capabilities that are relevant to specific markets and technologies (e.g. Regenerative Medicine) can be accessed through a single point.

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OUR KEY DRIVERS



GROWTH

- 400 active businesses created through the IP of universities in the N8.
- N8 Research programmes in Regenerative Medicine and Molecular Engineering delivered over 60 jobs, 200 collaborations with business and £37m in income.
- Supporting business and public policy development through translational programme of cutting edge social science research.



EDUCATION

- The N8 universities educate over 133,000 undergraduates and 51,000 postgraduate students per year.
- The N8 universities educate over 11% of UK engineering graduates.
- The N8 universities educate over 56,000 Science, Technology, Engineering and Mathematics (STEM) graduates per year (over 10% of the UK total).



SUSTAINABILITY

- World leading capabilities including research in low carbon and environmental technologies, transport, food security, green chemistry, water management.
- Supporting smart cities, locally and globally, including innovations in geothermal energy, smart homes and carbon accounting.
- Strategic industrial links including Nissan, Northumbria Water, Siemens, Scottish Power and Unilever.



HEALTH

- The N8 universities train over 8,000 doctors and over 2,000 dentists every year; 20% and 40% of UK totals respectively.
- World class research capabilities including cancer, cardiovascular medicine, ageing, psychiatry, neuroscience, dentistry and nursing.
- All 7 Medical Schools in World's Top 200, including Manchester ranked 32nd in world.



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www.n8research.org.uk

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The University of Manchester



THE UNIVERSITY OF YORK