



**Higher Education-Employer
Engagement: At the heart
of industrial activism?**

**Hugh Tollyfield – HEFCE
Special Adviser on
Employer Engagement**

The strategic challenge

“How do we create an economy of explicit business driven demands for high skills from employers? Demands which are met by responsive, flexible, results-focused provision delivered by highly adaptive HE providers?”

We're Up and Running!

60 lead Universities and FE Colleges signed up for 08/09

Including 34 projects to transform services to

10,700 new co-funded places for 08/09 or 09/10

Economic Challenge Investment Fund

- 60+ HEIs**
- Projects worth £50+m (£25+m HEFCE)**
- Immediate interventions to ease the of recession on people and businesses**

**CBI/HEFCE
"Stepping Higher"
Document launch
30 Oct 2008**

**HE workforce
Development
Market Studies
April 2009**

**rate
of employer
co-funding
in 08/09
>30%**

A black and white photograph of an industrial facility, likely a refinery or chemical plant. The image shows several tall smokestacks emitting thick plumes of white smoke that rise into a cloudy sky. In the foreground and midground, there are complex structures of metal scaffolding, walkways, and pipes. The overall scene is industrial and somewhat somber due to the monochrome palette and the presence of smoke.

Where will recovery come from?

Key influences:

- Globalisation
- Cities
- Tight finances and greater government control

Key sectors:

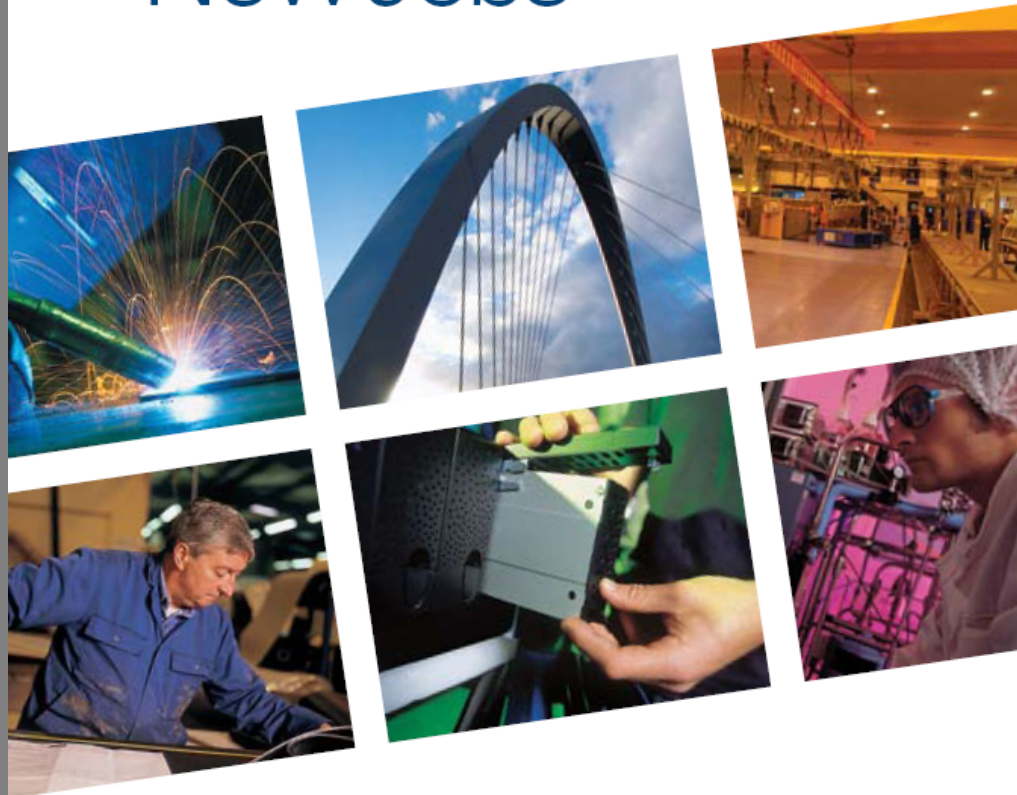
- Energy – security and carbon reduction
- Environment
- Health and welfare
- Creative and cultural
- Digital



Key business behaviours

- **Knowledge-centred networks:**
 - internally supportive and reinforcing,
 - externally connected and inquisitive
- **Local and sectoral collaboration**
- **Knowledge exchange – not just technology transfer**
- **Open Innovation - not only science and technology, but also business processes and service design**
- **Multi-disciplinary and inter-disciplinary collaboration – building on the concept of ‘proximity’**
- **Capitalising on strength in creativity and engaging the creative sector in the innovation process**

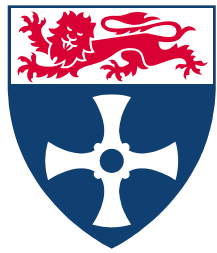
New Industry, New Jobs



Key Themes

NEW JOBS

- Turning excellence in science and technology into innovation and new opportunities
 - Ensuring access to capital for growing businesses
 - Fostering a talented workforce
 - Investing in the necessary infrastructure
- And**
- Accessing open global markets



Newcastle
University

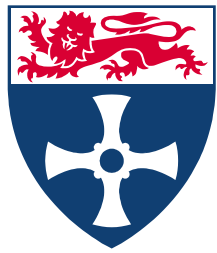
**Collaboration with
pharmaceutical
industry**

Application of Process Analytical Technology in Biopharmaceutical processing

Industrial need, driven by:

- Demanding new standards from regulatory bodies
- Limited existing industry capabilities
 - Need for innovation and investment in new development and manufacturing processes
 - Need to upskill the workforce with new technical and management knowledge and skills

**Opportunities for research collaboration and new CPD
programmes in existing and new process technologies.**



Newcastle
University

Collaboration with pharmaceutical industry

Integrated knowledge transfer programme:

Longer term outputs:

- New undergraduate and post-graduate curricula

Shorter term outputs:

- Collaborative research in process analytical technologies
- Knowledge transfer partnership
- Academic/industrial 'club' activities
- Continuing Professional Development Programmes



hefce

Higher Education Funding Council for England

Thankyou!

