The Sector Skills Council for Science,
Engineering and Manufacturing Technologies

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Reduce the risk - Invest in skills

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Semta.org.uk

Why does it matter?

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Science, engineering and manufacturing:

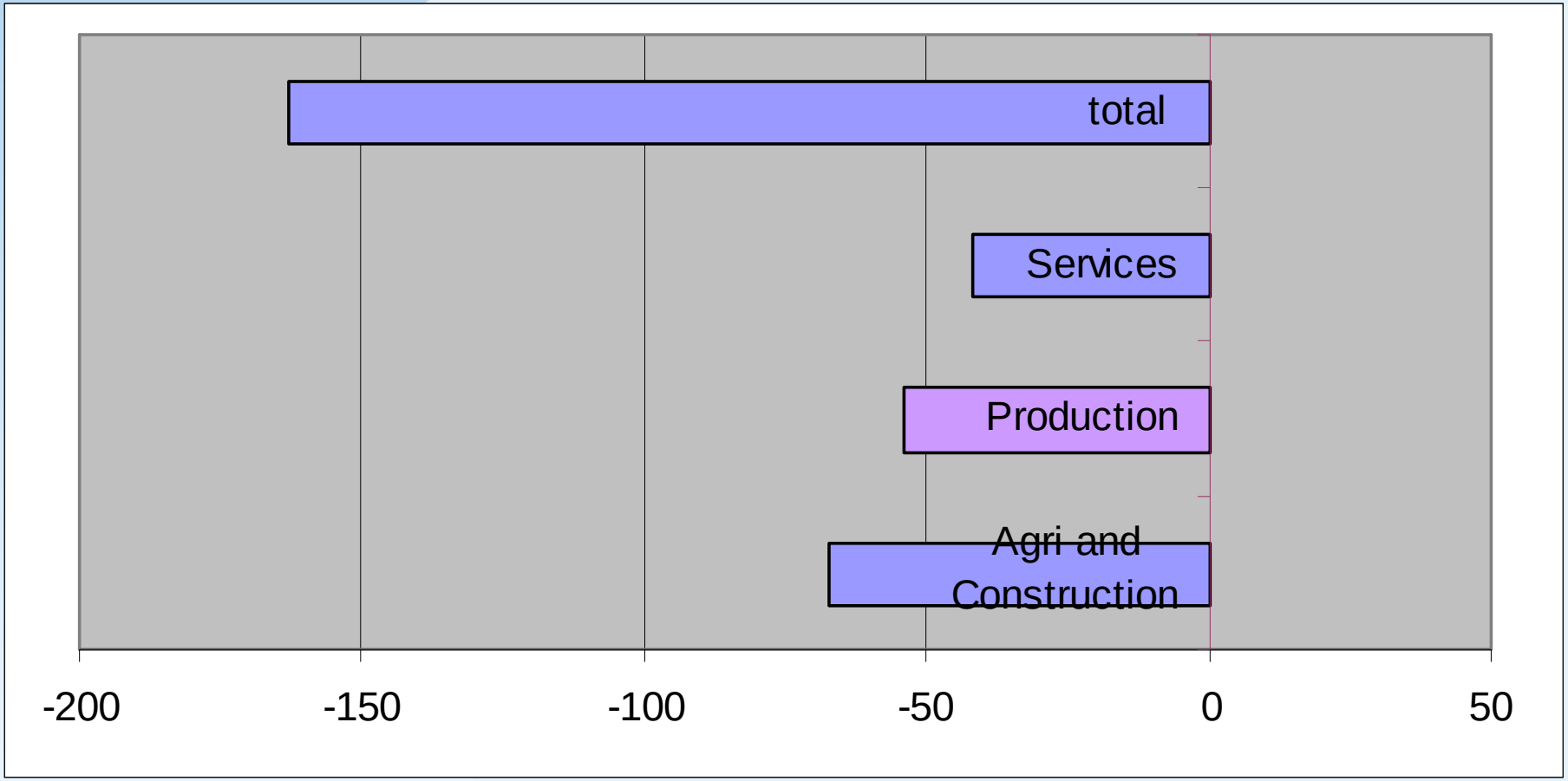
- 2 million people employed
- 75,000 companies
- Turnover £200 billion
- 40% of total UK exports
- R&D: £10 billion
- Total Gross Value Added : £160 billion
- GVA £50,000 per person

5Rs

- Recession
- Risk
- Regions
- Recovery
- Renaissance

Recession

March – June 09 : UK Production job losses ‘000s



Risk

Engineering/manufacturing

- 21% have skills gaps
- 70% of these are technical skills
- 42% of employees aged 45+
- 11% employ apprentices or trainees

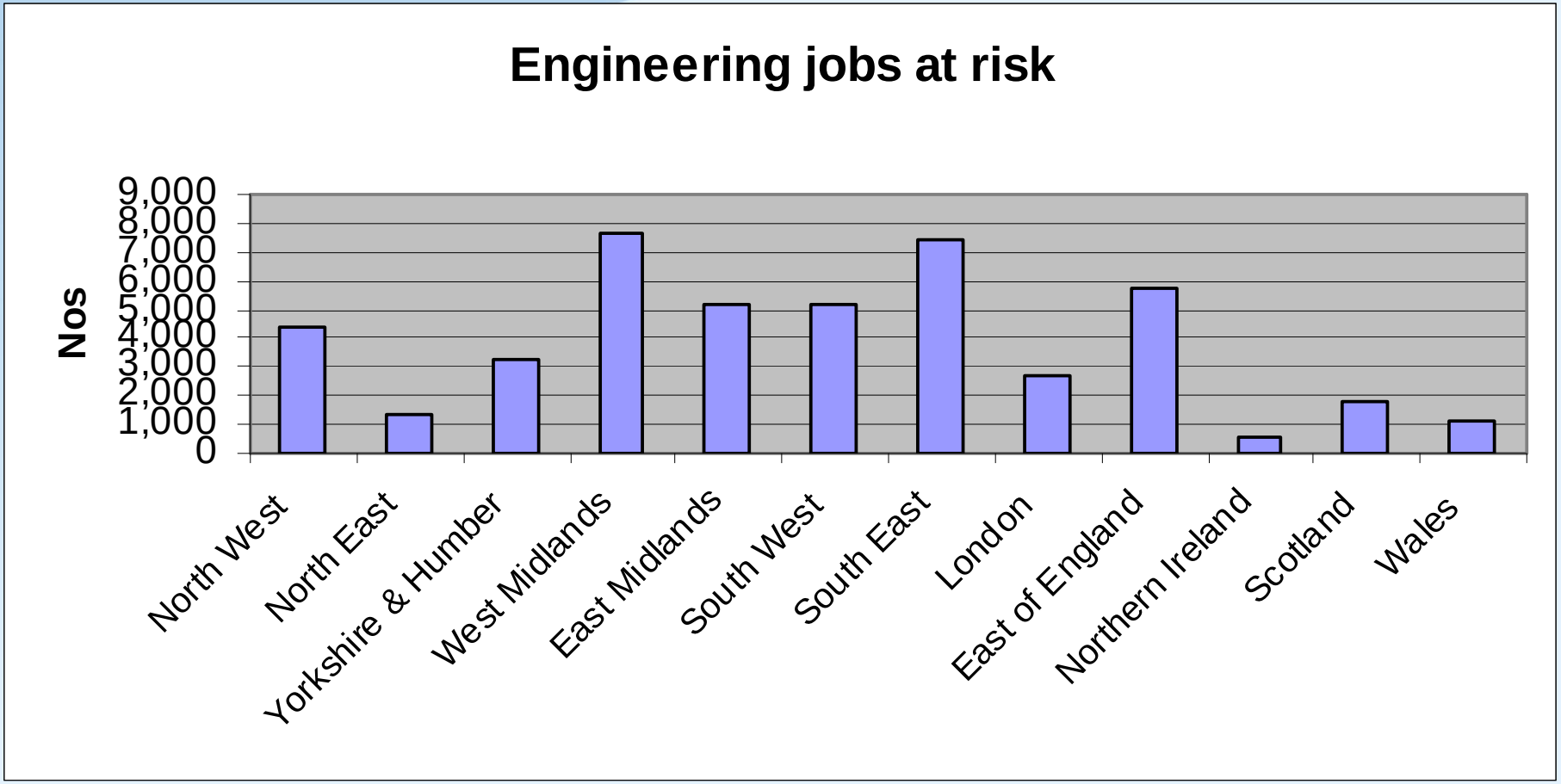
Bioscience/pharmaceutical

- 29% have skills gaps
- 26% go abroad for skills
- 31% of employees are aged 45+

Risk

- Poor training capability
- 10,700 engineering companies (15% of UK)
- 46,400 engineering jobs (4% of UK)
  - Electrical equipment (18%),
  - Automotive (18%)
  - Other Transport equipment sectors (18%)
- 91% of at risk companies <10 employees

Regions



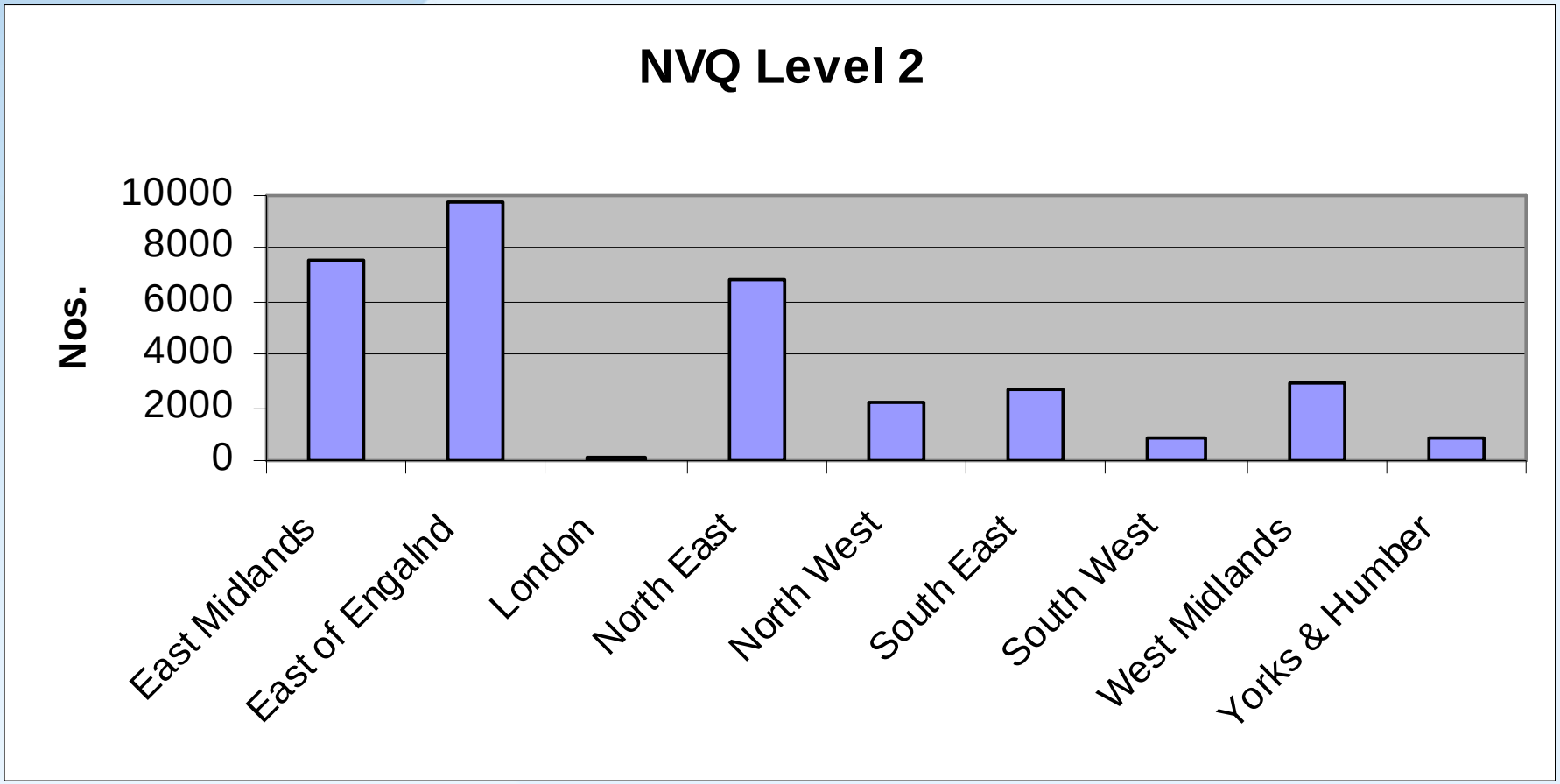
46,000 UK engineering jobs at risk

Regions

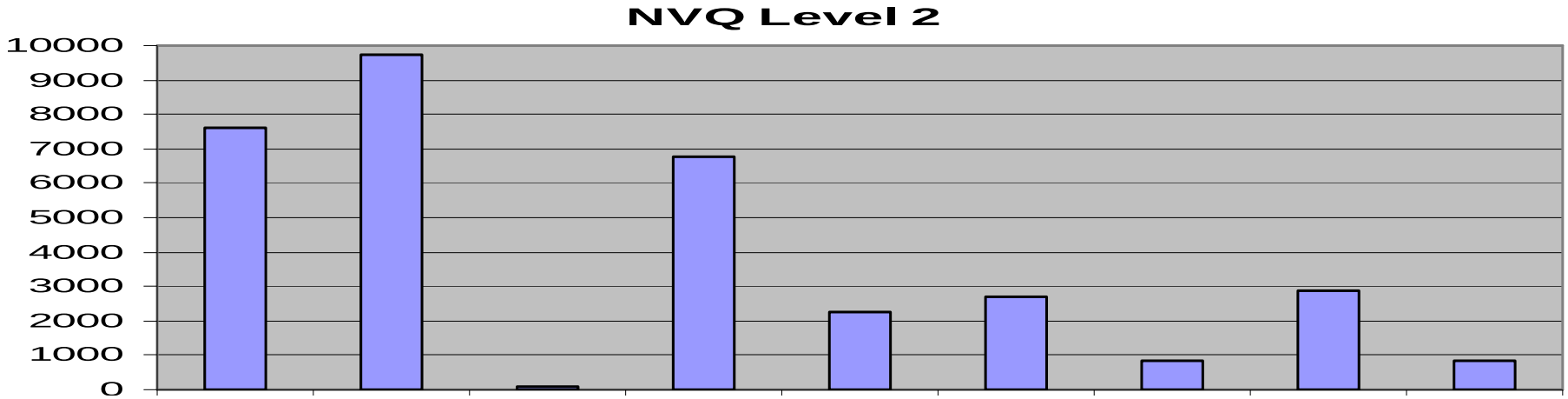
Partnership working

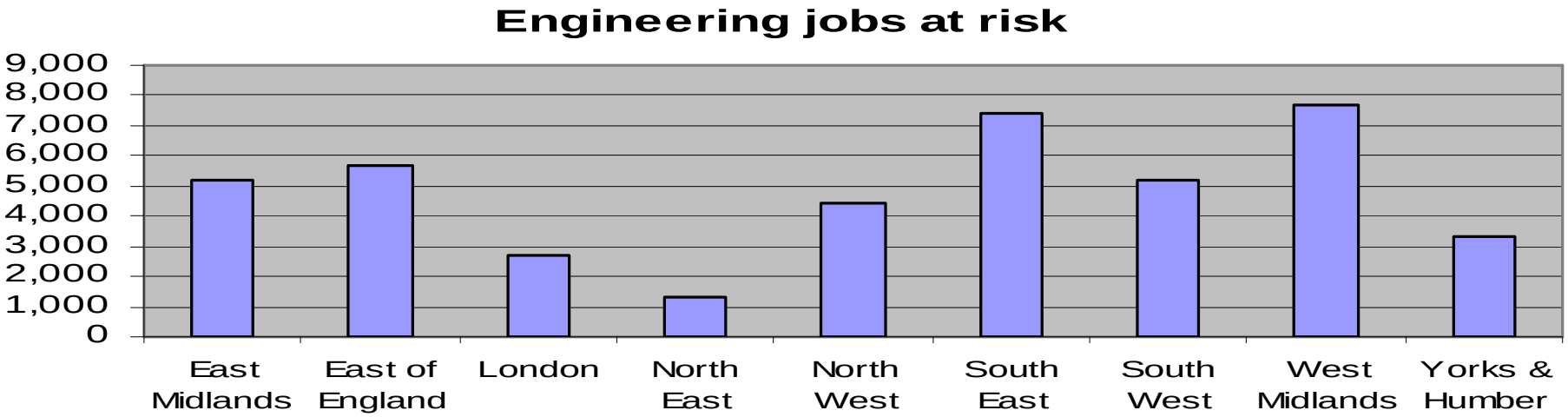
- RDAs and governments
- Funding and qualifications authorities
- Sector skills councils and STEM bodies
- Training providers
- Trade and employer associations

£100 million sector compact



Matching need to risk





Recovery

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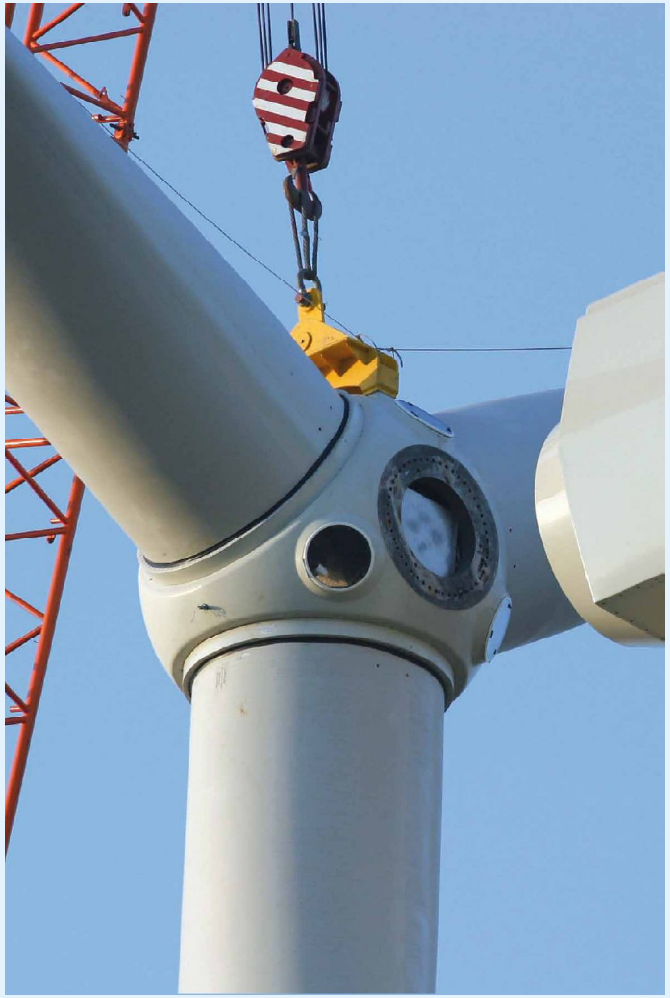
Priorities

- To match skills supply with demand
- To re-skill those with no qualifications
- To improve management and leadership
- Tackle issues relating to an ageing workforce.

Renaissance

Why the UK can prosper:

- Focus on strategic skills
- Investment
- Low Carbon
- Plastics Electronics
- Advanced Manufacturing
- Space



Ring Semta

- More information

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