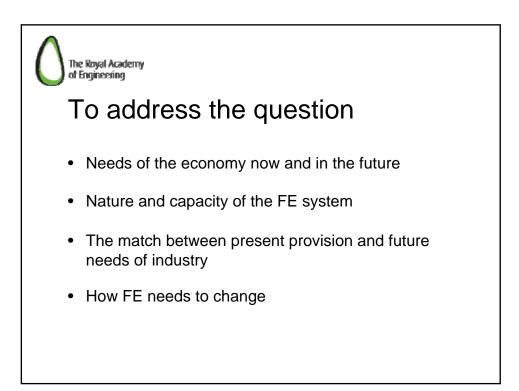


Can FE colleges deliver the skilled people the economy needs?

Philip Greenish The Royal Academy of Engineering

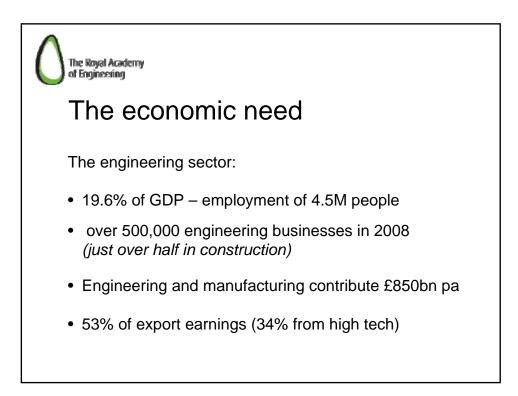


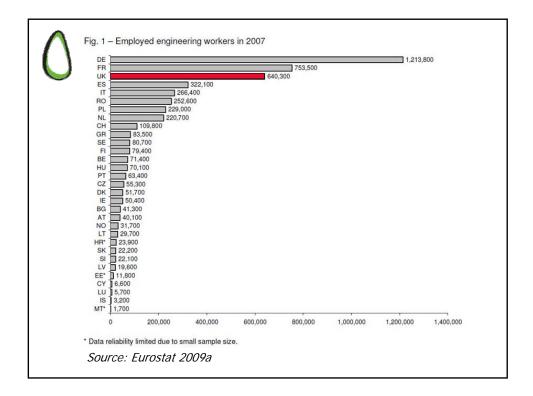
The Royal Academy of Engineering

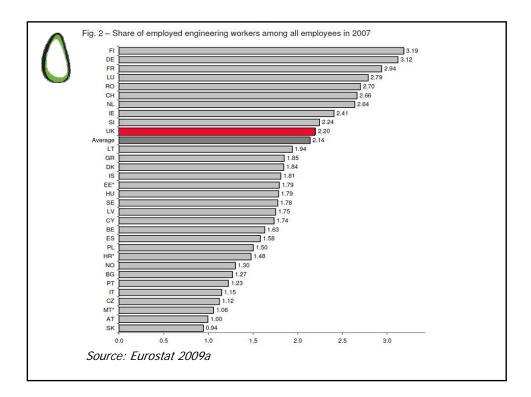
The economic need

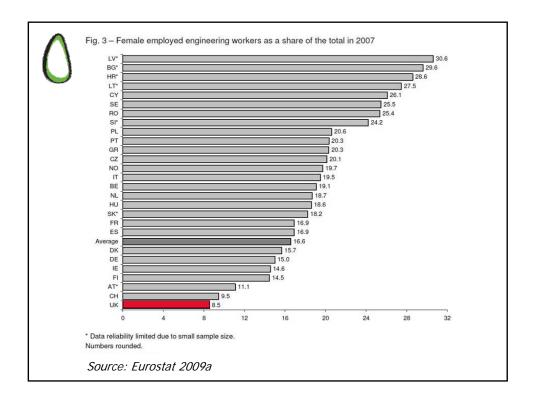
National Skills Audit 2010 (UKCES):

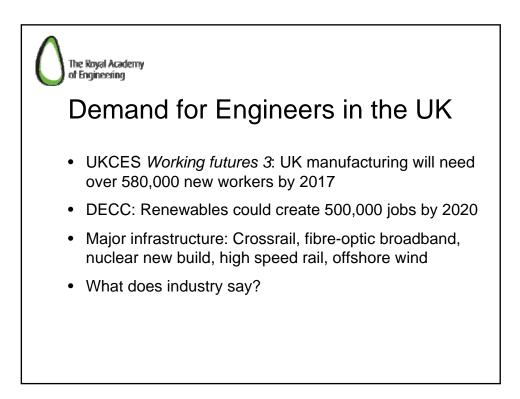
- predicts growth of highly skilled work
- decline in lower skilled jobs
- importance of increased skill levels for future growth
- ageing workforce

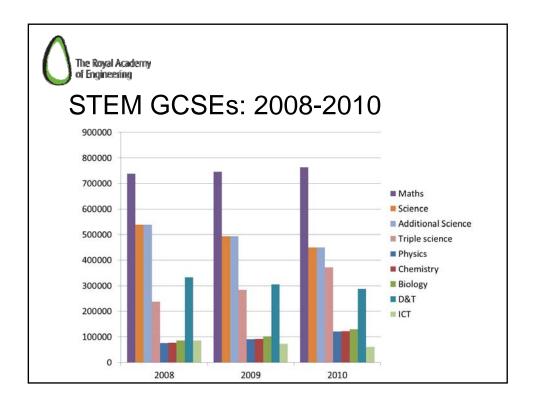


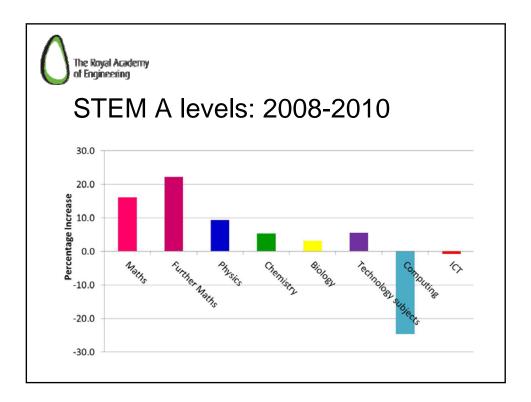


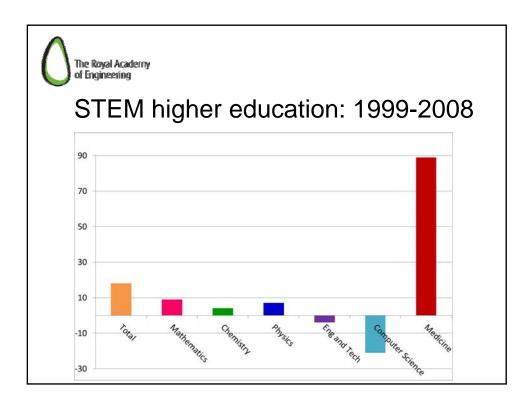


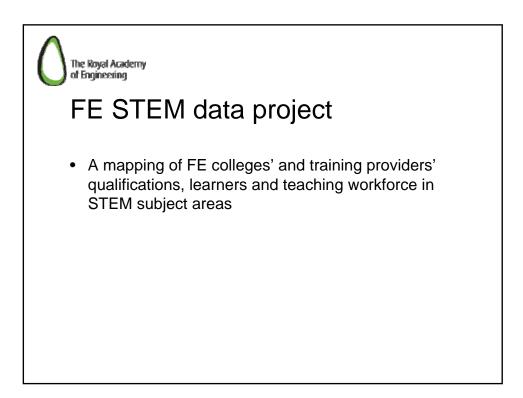


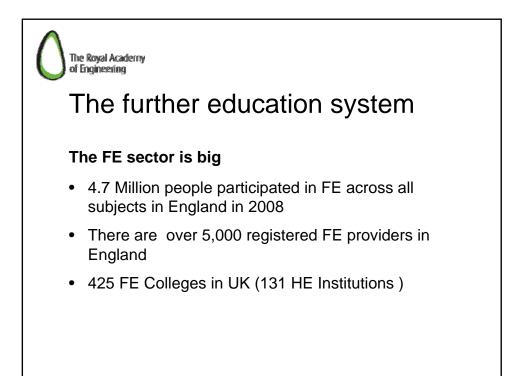


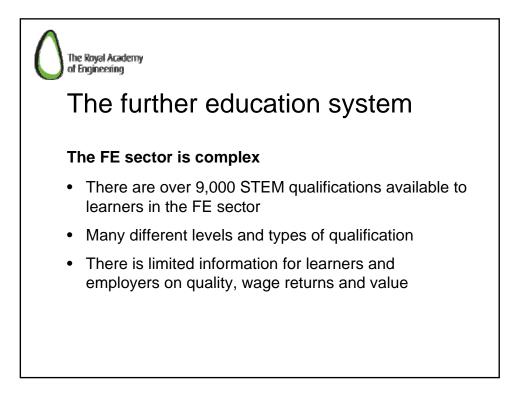


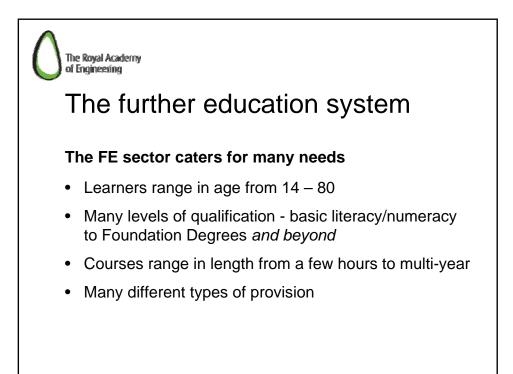


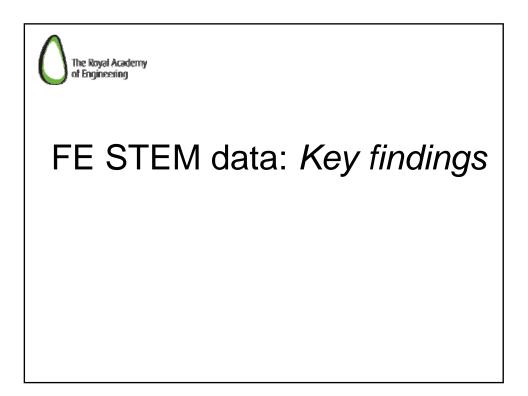


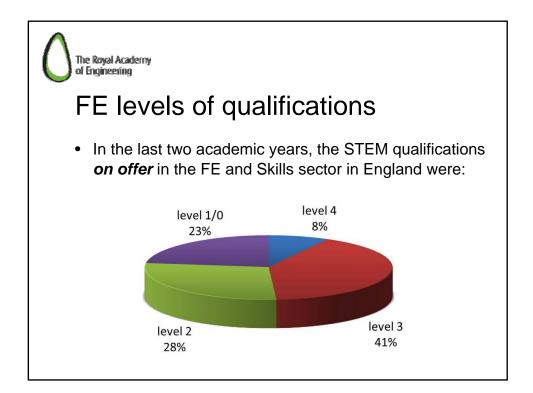


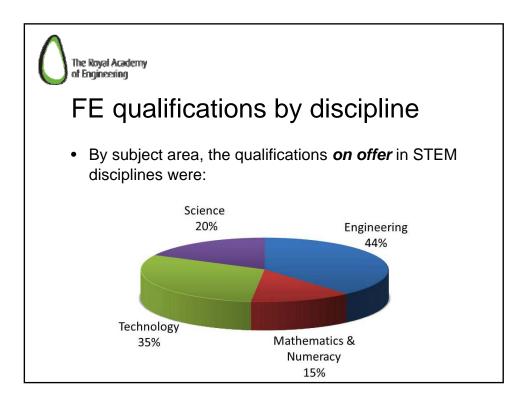


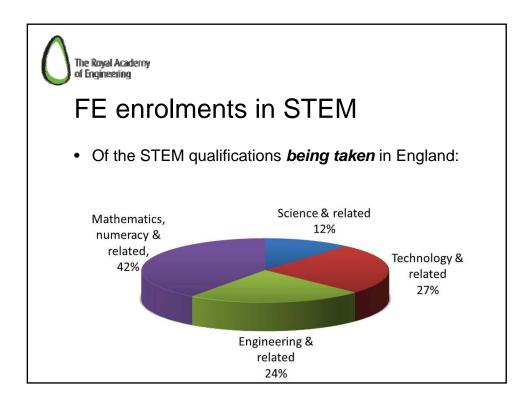


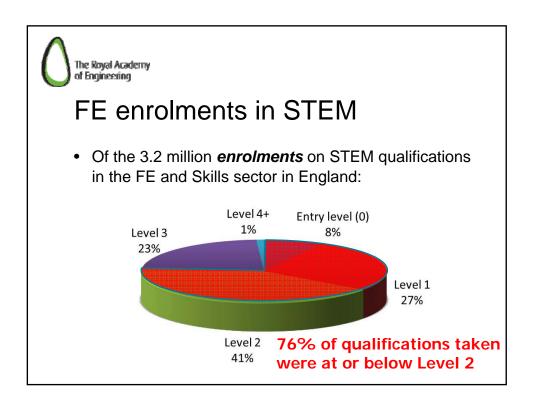


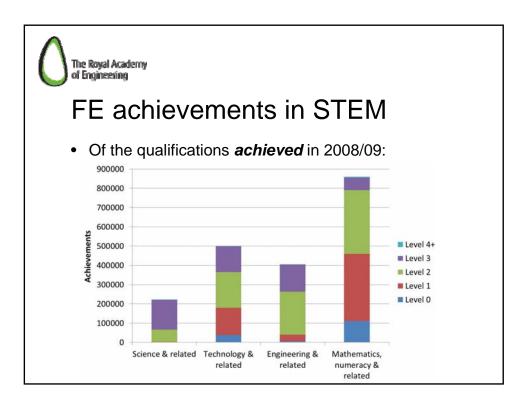


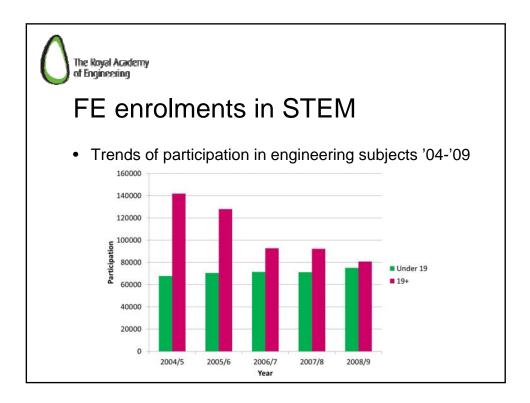


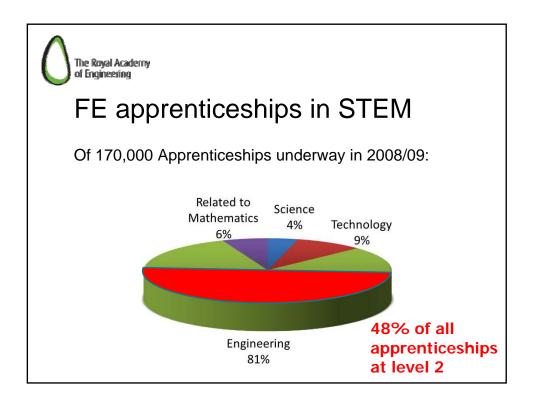


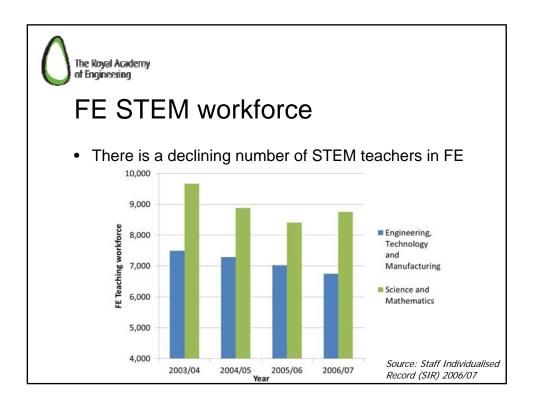
















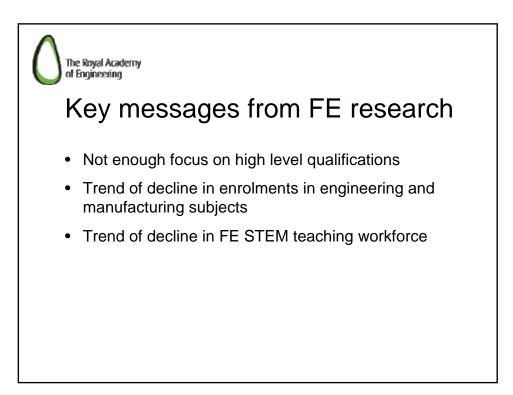
The Royal Academy of Engineering

The Samuelson report

"Germany 30 years ago was simply nowhere....the Germans had been following the English step by step, importing their machinery and tools

...copying their methods of work and the organisation of their industries; but, besides this, they had devoted special attention to a matter which England had almost ignored: the scientific or technical instruction of their own people"

Royal Commission on Technical Education 1882



Conclusions

The Royal Academy of Engineering

- high-tech, high-value sectors increasingly important in UK future economic performance
- The UK is behind competitors intermediate and lower level skills and at risk of dropping further
- Compelling economic case for improving provision of intermediate skills
- There is an incoherent offering post-16. It's confusing to students, to careers advisers, parents and to employers

