

Sustainable Thermal Energy Technologies for the Future

Prof Nigel Stocks
Head, School of Engineering

School of Engineering

- ▶ *Integrated* School of Engineering with no divisional boundaries: span all major areas of Engineering (Electrical, Mechanical, Chemical, Systems, Civil)
- ▶ 1100 UG students, 150 PhD, 150 academics and researchers, current research awards of £31M (2nd largest dept. in Russell Group).
- ▶ Major Research Themes (global challenges): *Energy*, *Biomedical* and *Cities*.
- ▶ **Energy**: Thermal, Electrical and Chemical



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Support for Innovation and Growth, a Collaborative Conference for Industry

What can Universities Offer Industry?

- ▶ Expertise.
- ▶ SoE > £10M capital investment in Energy related facilities and equipment.
- ▶ Research Technology Platforms (>£40M). Materials characterisation (Microscopy, X-ray Diffraction).



Funding R&D collaboration with industry

- ▶ Innovate UK, H2020, RCUK (EPSRC)
- ▶ University Funding e.g. PhD studentships, CASE Awards, student projects.
- ▶ Industry funded.

