

As the UK's national academy for engineering, we bring together the most successful and talented engineers for a shared purpose: to advance and promote excellence in engineering.

We provide analysis and policy support to promote the UK's role as a great place to do business. We take a lead on engineering education and we invest in the UK's world class research base to underpin innovation. We work to improve public awareness and understanding of engineering. We are a national academy with a global outlook.

We have four strategic challenges:

Drive faster and more balanced economic growth

Foster better education and skills

Lead the profession

Promote engineering at the heart of society



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Engineering in Partnership





The RAEng's vision is for engineering to be widely valued by society - as the powerhouse of successful innovation, wealth creation and quality of life. We already partner with many organisations to help address UK needs, but significantly increased capacity is still required in communications, education, research and skills to transform UK prospects. We are ambitious, influential and keen to invite your organisation to help make the UK the place to do business and to be an engineer.

→ **Current partners include:**

- Airbus
- Atkins
- Anglo American Foundation
- BAE Systems
- BG Group
- BP
- Garfield Weston Foundation
- GKN
- IBM
- Jaguar Land Rover
- Lockheed Martin
- McLaren
- National Grid
- NATS
- Oxford Instruments
- National Grid
- Ove Arup Foundation
- Petrofac
- Robert Bosch Ltd
- Qinetiq
- Rolls-Royce
- Shell
- Toshiba
- Siemens
- URS Corporation
- Weir Group

UK NEEDS

RAEng ACTIONS

RAEng PARTNERS

NEW OPPORTUNITIES*

Realising value from innovation and enterprise

£40m backing last year for UK university researchers in RAEng programmes.

Over 300 companies look to RAEng to help develop research leaders and innovators.

Co-invest with RAEng in highest quality researchers.

RAEng Enterprise Hub launched to nurture success in early stage engineering technology companies.

Hub partners offer access to finance and markets and benefit from contact with highest quality entrepreneurs.

Accelerate expansion of RAEng Enterprise Hub.

Skilling the nation

RAEng is setting the agenda for UK education in engineering and technology.

BG Group's £740k, multi-year support is helping secondary school STEM teachers provide imaginative learning experiences in >380 schools to date. In two years 37k students have benefited.

Extend reach of RAEng tailored teacher support and inspiring STEM resources.

Annually, >60k students benefit from RAEng STEM programmes.

Enable provision of effective STEM careers advice.

Shaping a positive environment

Government and others respect the RAEng's impartial advice on strategic issues affecting business and industry; we are the natural forum for engineering matters.

World-leading companies supported the first international Global Grand Challenges summit, attended by 450 leading professionals, policymakers and younger engineers to explore engineering solutions.

Increase RAEng's capacity for strategic engineering advice by funding or seconding staff to the RAEng Policy team.

Creating engineering excellence

By recognising exceptional engineers and game changing engineering through prizes and awards, the RAEng highlights their vital contribution.

RAEng manages a Govt./industry funded Aerospace MSc Bursary scheme to upskill 500 people over three years.

Invest in excellence via RAEng-managed postgraduate bursaries and undergraduate personal development awards.

Petrofac and Shell contribute to RAEng professional formation programmes at UK universities.

Illuminating engineering

RAEng is shifting perceptions and increasing appetite for engineering - among young people from all backgrounds, their parents and teachers - through engaging media, inspirational events and celebrations of engineering excellence.

RAEng's Diversity work now involves 40 companies and many institutions.

Add weight to RAEng leadership actions to achieve richer diversity in the engineering profession.

Our Ingenious grants have equipped >2,000 engineers with the skills to promote engineering to wide-ranging audiences.

* RAEng partnerships currently range from £50k - £500k pa over 3 to 5 years