Engineering Biology Innovation Network

Driving the development of a joined-up UK innovation ecosystem to ensure synthetic biology tools, technologies and processes can be developed and adopted by industry.

Progress innovations, foster new consortia and create a commercially focused community, across the UK and globally.

UKRI Innovate UK

Engineering Biology Innovation Network - Focus areas

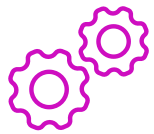
Agriculture and food - Contributing to food security and minimising greenhouse gas emissions.

Energy and low carbon fuels - Creating a sustainable and green transport and energy sector.

Health - Enabling the development of precision medicine, cell therapies and innovative solutions to fight diseases.

Materials and chemicals - Reducing reliance on petrochemicals in manufacturing and addressing challenges associated with end-of-life.

Waste recycling - Contributing to the circular economy by transforming waste into valuable products.



Tools - Developing synthetic biology tools and methodologies that support application of engineering biology.

UKRI Innovate UK

Engineering Biology Innovation Network - Activities

Webinars and showcasing

- share knowledge
- spotlight innovations
- build partnerships

Workshops and community-led insight gathering

- define public sector and industry challenges
- identify opportunities and needs e.g. on future funding priorities
- inform Government and Innovate UK

Cross-sector collaboration

- solve technical challenges and drive commercialisation

Global opportunities and partnerships

- identify international opportunities,
- foster strategic partnerships
- maximise global impact and economic potential

Investment and funding (SPARK Awards)

- Investor Readiness training
- provide grant funding for collaborations
- drive the translating of engineering biology innovations into real-world products and market-ready solutions

UKRI Innovate UK

Engineering Biology SPARK Awards

Engineering Biology SPARK Awards

Funded UK academic institutions or RTOs to deliver engineering biology projects that help UK SMEs tackle challenges or progress towards developing new products, processes, or services.

Projects started:
1 Sep 2025

Projects finished:
28 Feb 2026

Projects:
15 projects

30 partners

Project size:
£15,000

Innovate UK