



PO PROPOSERS' DAY 2024
***“UK Materials & Manufacturing -
Reimagined”***

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Innovate UK, part of UKRI**

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Innovate UK

- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



Innovate UK 'domains' of activity

Three pivotal domains to support innovation across critical sectors



Our priority Net Zero areas are:



Power

We must **transform our power systems** while securing our energy future in a way that is sustainable and affordable.



Heating

Our buildings account for 23% of our emissions. We need to reduce both emissions, and the costs.
This is a race to renovate.



Mobility

A **2050 transport system** that enables the movement of people and goods through seamless, safe, net zero, connected, cost effective, accessible and reliable means.

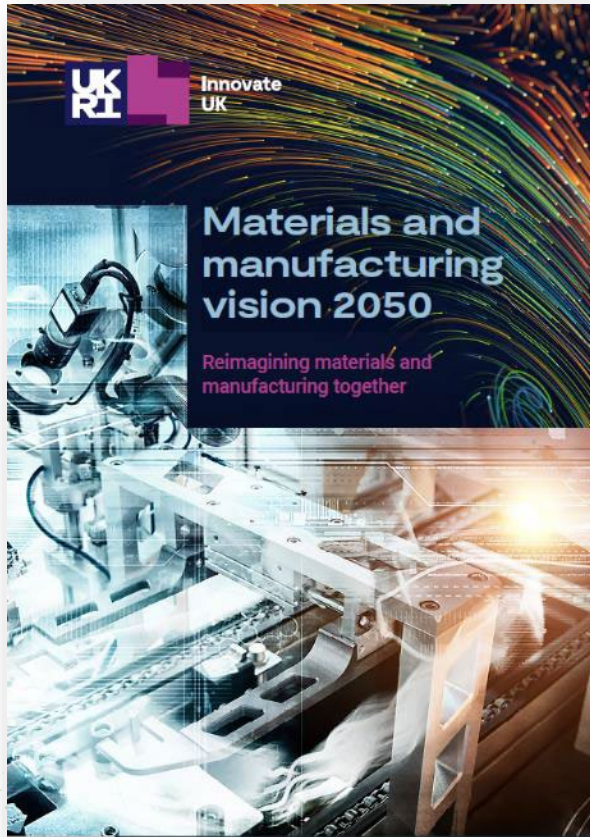


Make & Use

Reimagine materials and manufacturing with three strategic imperatives: Net Zero & Resource Efficient; Resilient & Responsive; and Technologically Advanced & Digital.

Reimagining materials and manufacturing together

Systems approach

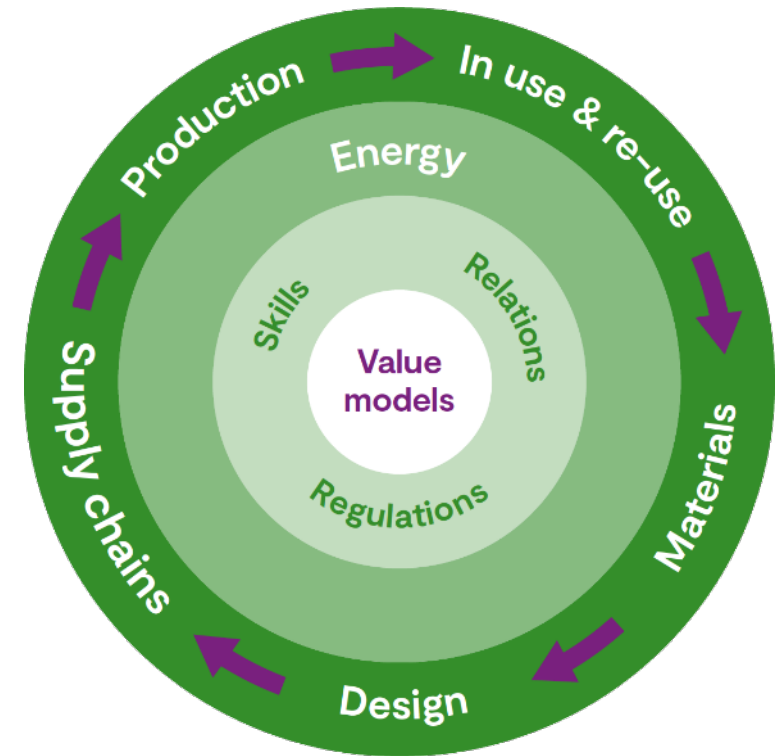


Core areas

future economy	materials
smart	design
resilient	supply chains
world-class	production
longer	in use & re-use

Enabling areas

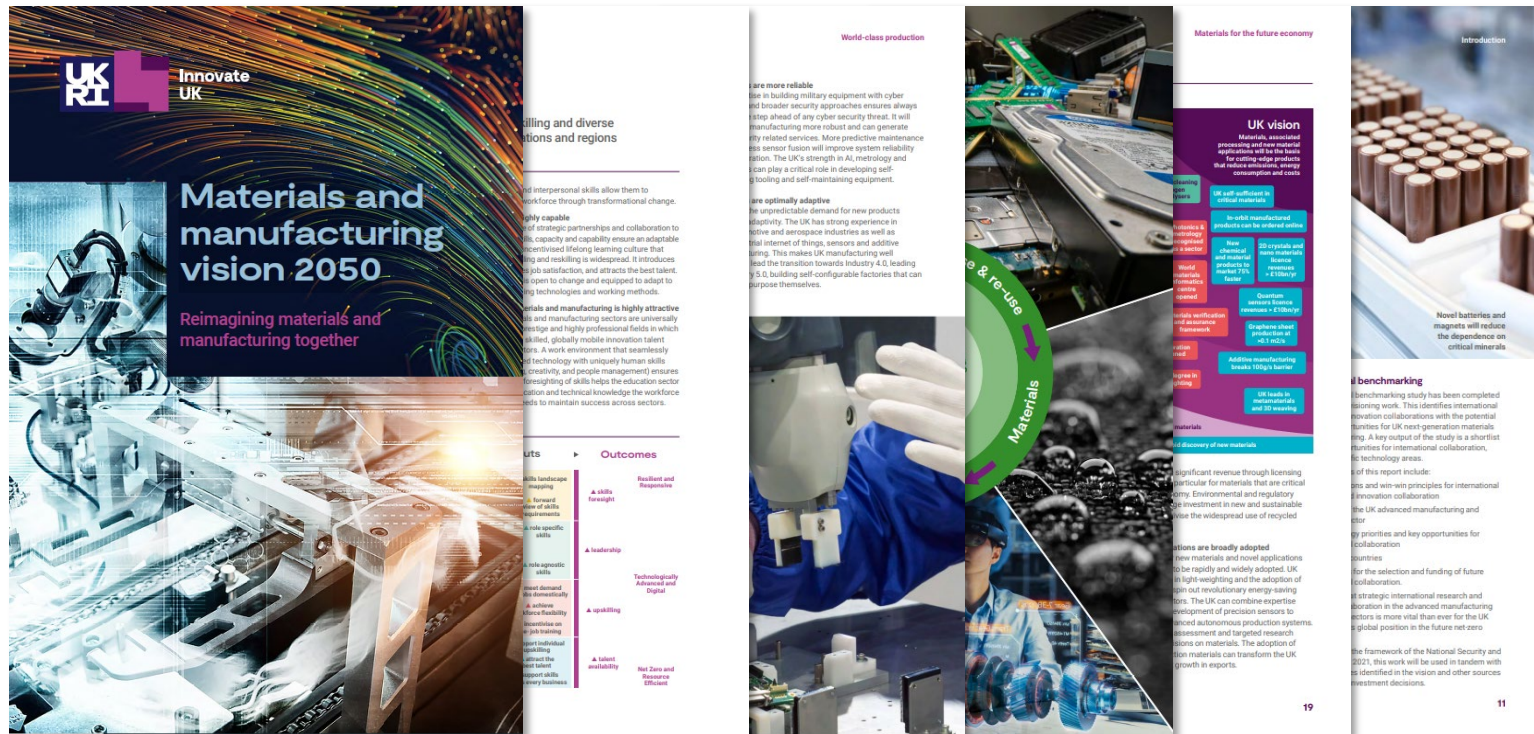
clean	energy
proactive	regulations
future	skills
networked	relations
evolving	value models



- Comprehensive
- sector-agnostic

UK Materials and Manufacturing Vision 2050

Now is the time to reimagine materials and manufacturing



Scan to download the report



Learn more about this significant report here
www.ukri.org/reimagine-manufacturing

UK Materials and Manufacturing Vision 2050

Inspire, Involve, Invest ... Resource Efficiency for Materials and Manufacturing (REforMM) Programme (UK)

- **Materials for the future economy** - New material applications for cutting-edge products that reduce emissions, energy consumption and costs
- **Longer in use and reuse** - Minimising materials use and waste, practising complete traceability, and using new remanufacturing services
- **World-class production** - Flexible production capacity, minimal material waste, high-quality products, high productivity, and full adaptivity
- **Smart design** - Effective design methods, design for resource efficiency, and design for maximum through-life value
- **Resilient supply chains** - Sustainable feedstocks, supply chain visibility, and co-location of waste and emission streams

UK Materials and Manufacturing Vision 2050

Alignment to Eureka Cluster Smart Advanced Manufacturing

Innovate UK supports UK businesses to 'go global' in activities that will help their growth and may also help solve global challenges in partnership with other countries

We do this through an ever-evolving toolkit of support

- *Horizon Europe, Global Missions, Bi- & Multi-lateral CR&D funding programmes ...*

EUREKA Cluster is a nation co-fund programme*, and only one of the tool kit's international funding instruments ...

**Not Horizon Europe funding per se, EU 'top up of up to 30%*



The UK, a Eureka Cluster supporting country:

- Up to **£5m** pledge to the current **Eureka Cluster smart advanced manufacturing Call#8**

Eureka Eligibility Criteria (general):

- must follow standard Eureka Cluster consortia rules of country representation and 'balanced' budget allocation across all partners
- TRL ~6-8
- civil applications, not defense



Why the UK supports the Eureka Cluster?

- Strong alignment with Innovate UK Materials & Manufacturing directives (VISION 2050)
- **SUCCESS & IMPACT!**

7th SMART call: FPP phase - figures

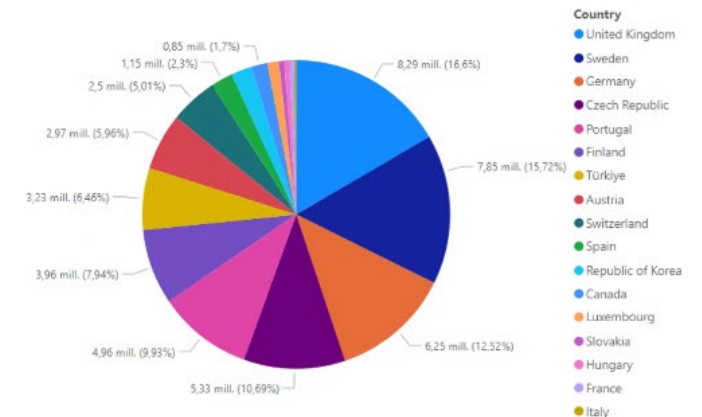
30 proposal

171 partners

17 different countries

49.9M€ Total Budget

Country	N° projects	N° companies	Budget
United Kingdom	12	25	8,285,873.00
Germany	10	23	6,250,400.00
Sweden	10	31	7,846,291.00
Czech Republic	9	16	5,333,150.00
Portugal	8	19	4,955,632.00
Türkiye	6	8	3,225,500.00
Austria	5	6	2,974,052.00
Switzerland	3	6	2,502,000.00
Finland	2	9	3,960,810.00
France	2	3	218,000.00
Canada	1	1	850,000.00
Hungary	1	1	274,950.00
Italy	1	1	126,000.00
Luxembourg	1	1	600,000.00
Republic of Korea	1	2	1,077,000.00
Slovakia	1	1	281,000.00
Spain	1	4	1,148,000.00
Total			49,908,658,00





Eligibility criteria

Project eligibility	<ul style="list-style-type: none">• Be in receipt of Eureka smart FPP 'label' for Call 8• must be collaborative research and development under both Eureka 'smart' & Innovate UK guidelines• involve at least one UK SME• must carry out the majority of your project in the UK• exploit the results from or in the UK
Total grant	up to £5 million
Total project costs	up to £700,000 per UK partner
Project length	24 to 36 months





Eligibility Criteria: Funding Levels

Feasibility studies and industrial research	Experimental development	Research organisations
70% if you are a micro or small organisation	45% if you are a micro or small organisation	100% funding* *Total research contribution is up to 30% of total UK business costs
60% if you are a medium-sized organisation	35% if you are a medium-sized organisation	
50% if you are a large organisation	25% if you are a large organisation	

For more information:

<https://www.ukri.org/councils/innovate-uk/guidance-for-applicants/general-guidance/categories-of-research-and-development/#contents-list>



Process – Post Label

- Innovate UK will review the portfolio of projects where there is UK participation.
 - Hold a Funders Panel for those projects who will receive funding.
 - Invite those projects to complete an IFS application (not scored).
 - Application is evaluate for viability and eligibility.
 - Project then set up on IFS Post Award.
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- If IFS is unavailable, then an Excel form will sent out for completion to capture costs and where there is a UK academic in the consortium they can provide an offline J-eS form.

UK engagement in EUREKA

Ben Morris – Eureka National Programme Coordinator

Teresa Arumardi – Eureka Deputy National Programme Coordinator

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