



Future Skills

Challenges, opportunities and why collaboration
is key

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Innovate
UK

Innovation

The lifeblood of business

- Business innovation is the commercially successful application of ideas
- Leads to the development of new or improved products, processes, services, and business models based on new ideas and technologies
- Business innovation transforms existing sectors and stimulates new industries
- It is key to UK growth and prosperity

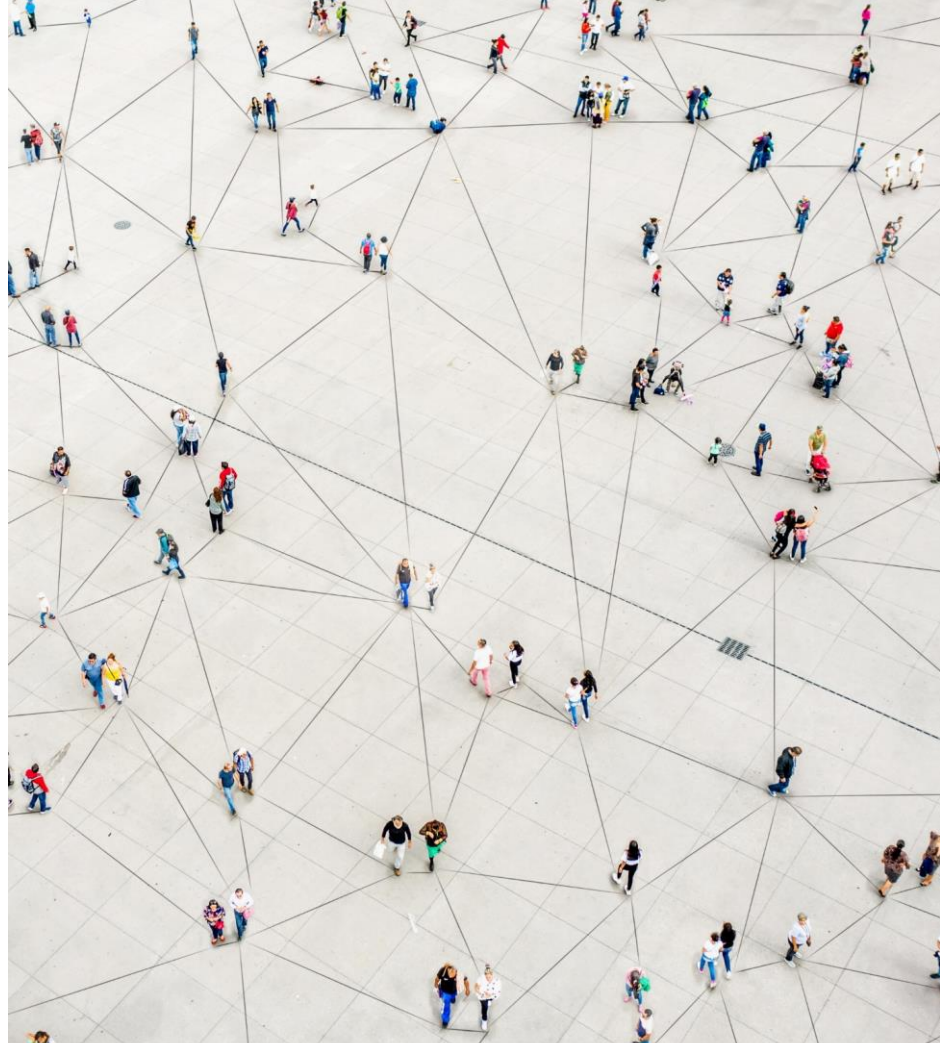


Innovate UK

- 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.



Inspire

Make the opportunity
visible and compelling



Involve

Bring relevant organisations
and people together



Invest

Convene the resources
needed, including our own



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The Foundation Industries

- Metals
- Glass
- Paper
- Ceramics
- Cements
- Bulk chemicals

Our Mission

To support the foundation industries to embrace new ways of working, with a focus upon energy and resource efficiency, utilising advanced technologies. But lasting changes can only be made by embedding new learning, behaviours, processes and innovation through knowledge, skills and training.



Future Skills: Challenges



Evolving landscape

- Focus on short term needs
- Lack of knowledge and strategy



Demand and diversity

- Lack of co-ordination
- Unattractive sectors: attraction and retention



Leadership

- No industry representative body
- Underdeveloped leadership skills

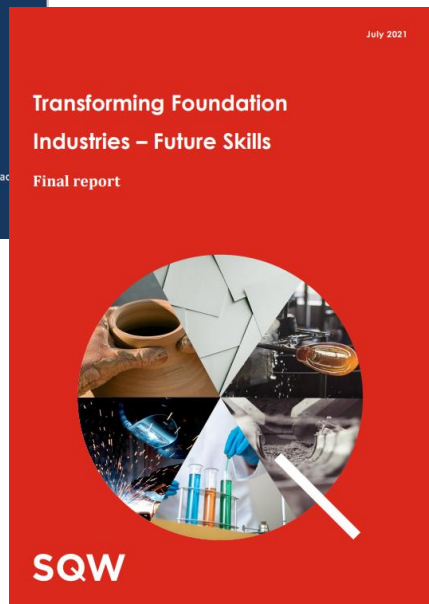


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EDI in the Foundation Industries. ERC, 2021

[Equality, diversity and inclusion in the foundation industries – UKRI](#)
[Improving equality in the foundation industries – UKRI](#)



Transforming Foundation Industries – Future Skills. SQW, 2021

[Future skills for the foundation industries – UKRI](#)

Future Skills: Opportunities



Be a learner

- Interact with other more advanced sectors
- Reverse mentoring



Redefine the sector

- Clear sector image
- Focussed on inclusivity, positive culture



Take advantage of support

- Best use of learning frameworks
- Funding available to improve



What are we doing?

Inspire

Partnering with the Engineering Development Trust, we are rolling out STEM education packages to regions across the UK, changing perceptions of the FIs and encouraging in diverse talent.

Involve

Working with TFI businesses to develop diversity strategies, promote best practice, tackle sector image and perceptions, and secure senior leadership support for the development of new EDI propositions.

Invest

Acting as the catalyst to increasing the pipeline of female leaders by fully funding two women in leadership programmes, involving 40 women from across all 6 sectors.



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Thank You

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Plan for Action



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