

SUSTAIN

Strategic University Steel Technology and Innovation Network



Swansea University
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Greener, Cleaner, Smarter Steel



Summary

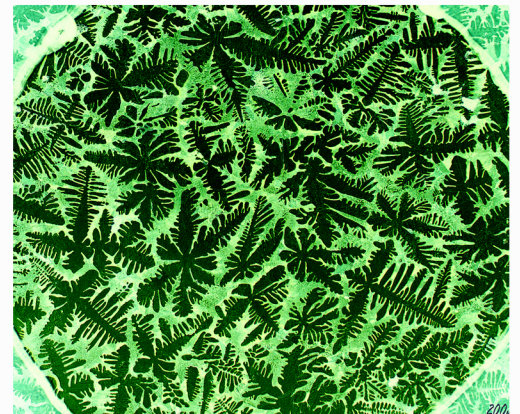
Steel is a key enabler of modern living standards and transportation, however the demand and manufacture of this ubiquitous material generates huge amounts of greenhouse gases. The SUSTAIN Future Manufacturing Research Hub is a £35M project funded by £10M of EPSRC funds, as well as Universities, Trade Bodies, RTOs and Businesses over 7 years. It aims to support the industry as we develop new, more environmentally friendly options to ensure the future of manufacturing in the UK.

The SUSTAIN project aims to deliver cutting edge science and the engineering research required to create carbon neutral, resource-efficient UK steel supply chains. We can enable UK manufacturing sectors to deliver world-leading resilient solutions for tomorrow's transport, energy and building needs, whilst overcoming societal waste and energy challenges. With this we can bring high-value jobs and prosperity to the UK.

Get involved

Joining the SUSTAIN Hub provides opportunities to access £100m of research infrastructure from the partners and a community of industrialists, academics, trade bodies and RTOs.

The network provides funding for small feasibility studies up to £50k (from a £1m pot), with opportunities to follow up awards for longer term and more highly resourced projects.



It also provides mentoring and collaborative opportunities for early career academics within the UK Steel fraternity, access to innovative SMEs and wider funding opportunities within the UK framework.

Ambitions

- To develop systems for carbon neutral iron and steelmaking by 2040
- To double steel GVA (Gross Value Added) by 2030
- To implement world-leading intelligent infrastructure by 2030

Funders



Engineering and
Physical Sciences
Research Council

Find out more

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