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European Union



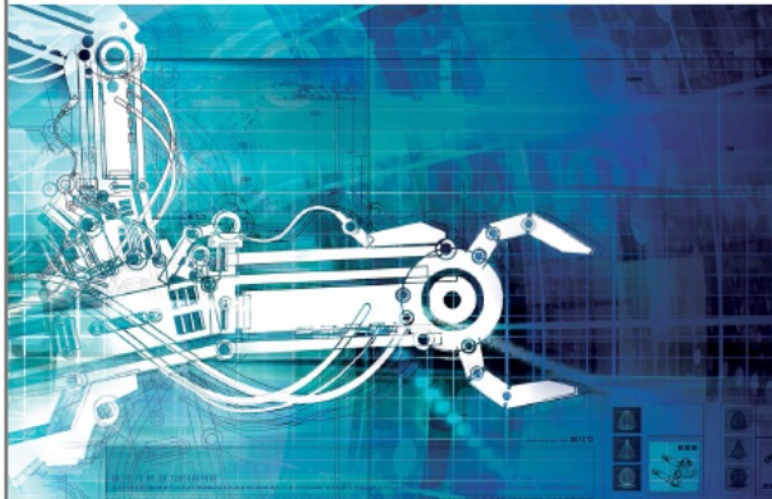
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EUROPE & SCOTLAND

European Regional Development Fund

Investing in a Smart, Sustainable and Inclusive Future

A Manufacturing Future for Scotland



Innovate UK

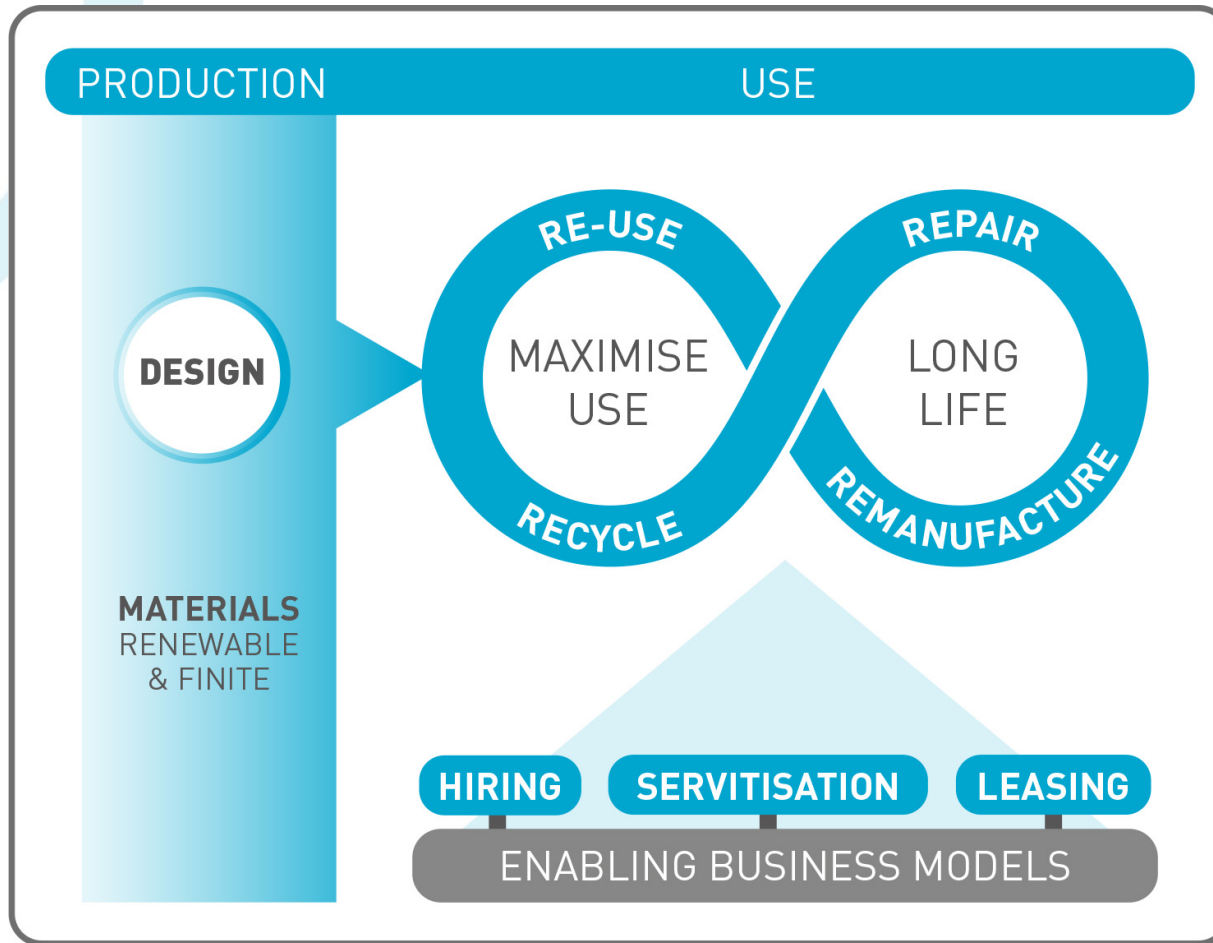


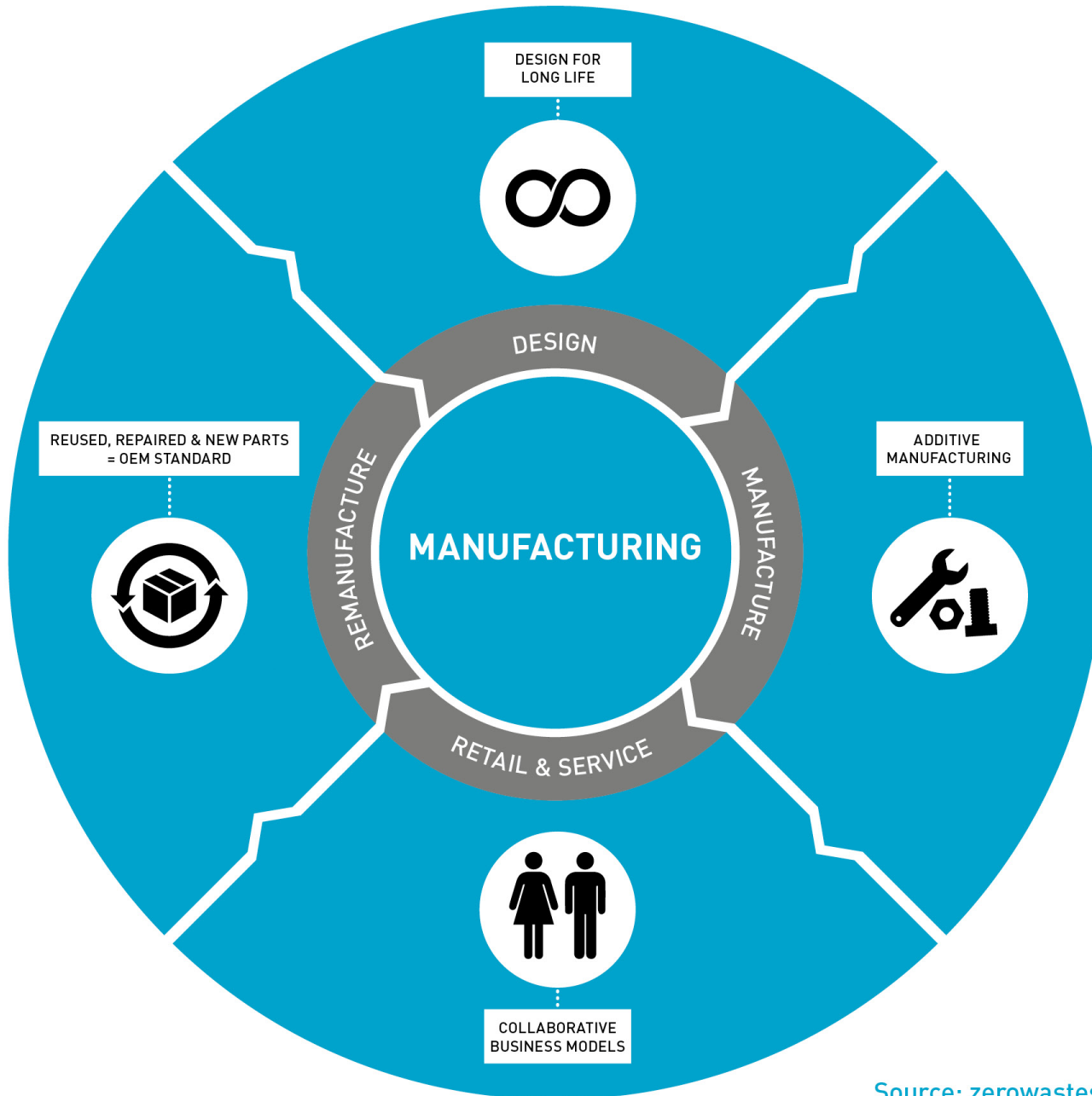
Making Things Last

- Scottish Government priorities in moving to a Circular Economy
- Builds on Zero Waste and Resource Efficiency Agendas
- Benefits to:
 - The environment
 - The economy
 - Communities



What is the Circular Economy?

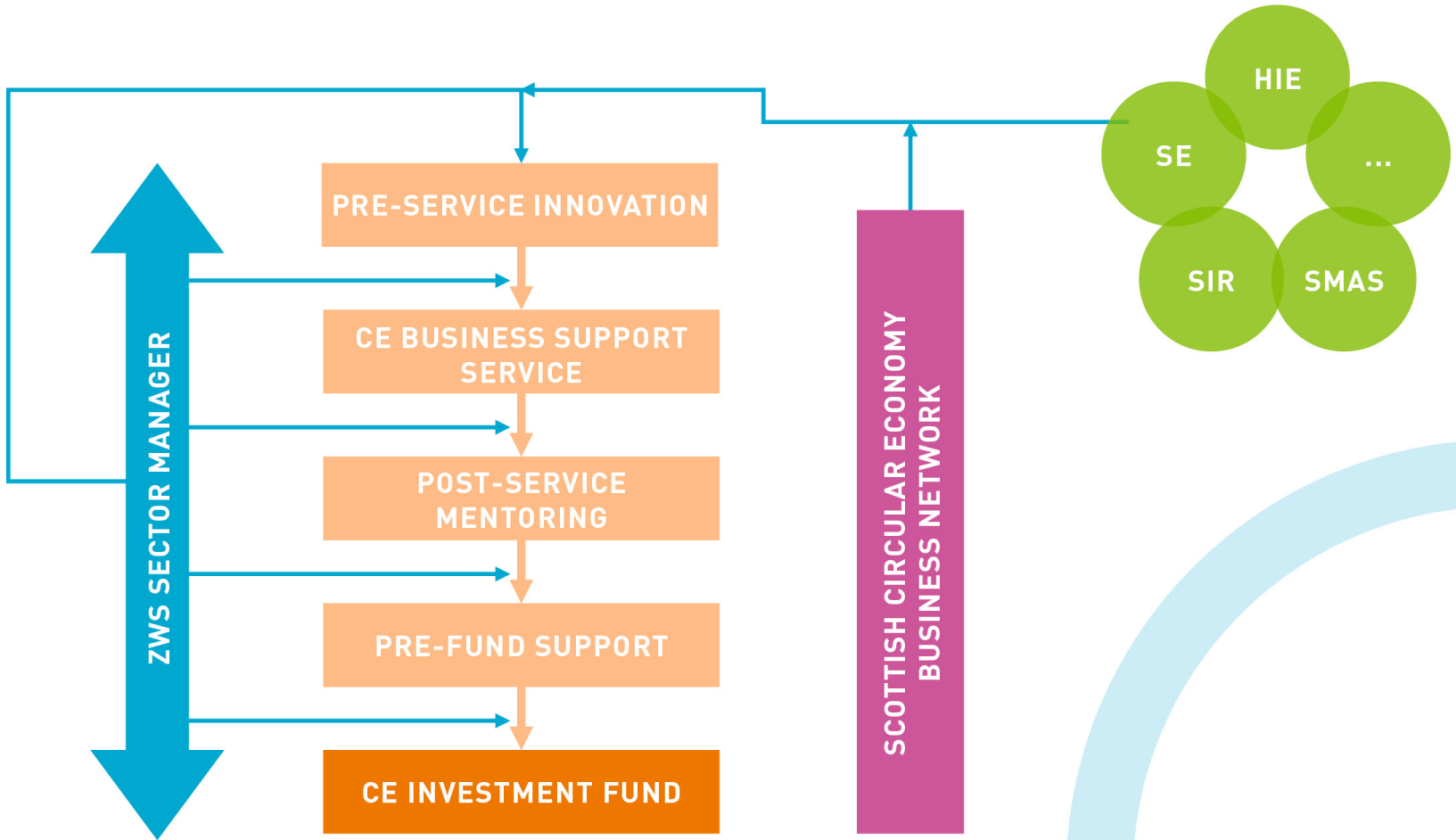






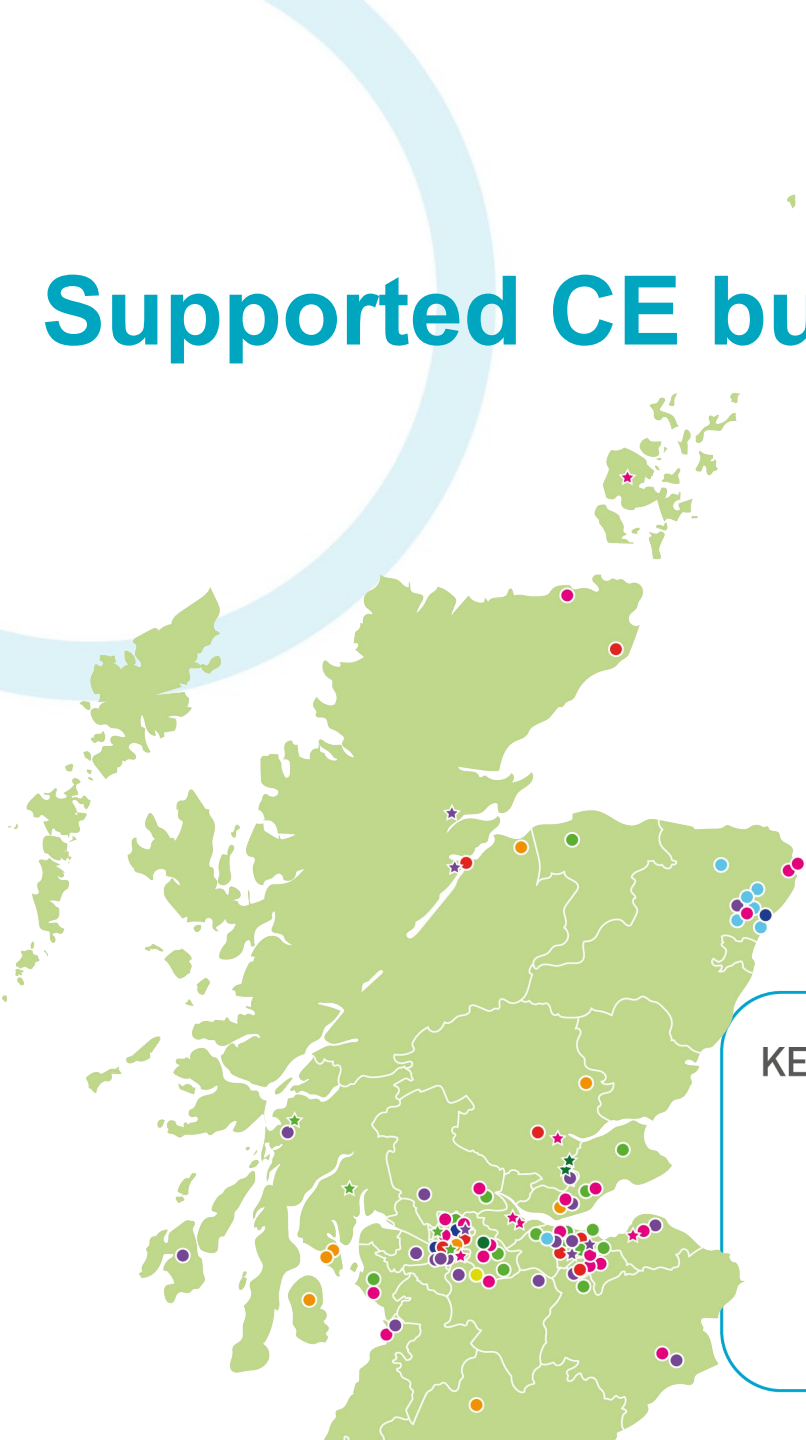
**Our goal is to accelerate
the transition to a circular
economy in Scotland.**

Our Approach to Business Support



Supported CE business in Scotland

163 and counting...



KEY:



Bioeconomy



Oil & Gas



Re-use & Repair



Recycling



Food & Drink



Energy Infrastructure



Manufacturing



Construction



Logistics



Fund



Service

Resource Efficient Circular Economy Accelerator Programme 2014-2018



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The background features two large, light blue circles. One is partially visible on the left side, and the other is at the bottom right.

Circular Economy Business models

Circular Inputs

Projects that substitute virgin raw materials with recycled materials originating from materials and resources recovery.

Circular design

Projects that eliminate/reduce input of hazardous/toxic materials and design for modularity, easy disassembly and repair to facilitate recycling, reuse, life time extension.

Sharing business models

Projects that increase the capacity utilisation of a product or asset during its useful life (e.g. sharing and predictive maintenance).

Sharing is circular when it optimises the utilisation of the product or asset.

Product-As-A-Service (PAAS)

Improve the circularity of the whole supply chain through PAAS offerings based on

- a changed ownership structure, where the ownership of an asset remains with the supplier.
- improved collaboration and alignment of interests between partners in the value chain (sharing of costs and benefits).
- improved traceability of products and materials.

Material/Resources recovery

Projects dealing value recovery from wastes, be it materials, heat, bio-wastes or waste waters.

Recycling is a circular economy business model that recovers value from end-of-life materials and products.

Circular facilitators & enablers

Establish networks and collaborate with facilitators in the circular economy such as consultancy, engineering, knowledge and data providers or accounting firms, facilitating the shift to a circular economy. For example

- Development of key enabling technology with circular economy applications (3D printing)
- Facilitation of reverse logistics.
- Setting up and/or operating marketplaces for used materials.



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