

New Opportunities in Manufacturing: Developing a competitive and sustainable business through maintenance and remanufacture

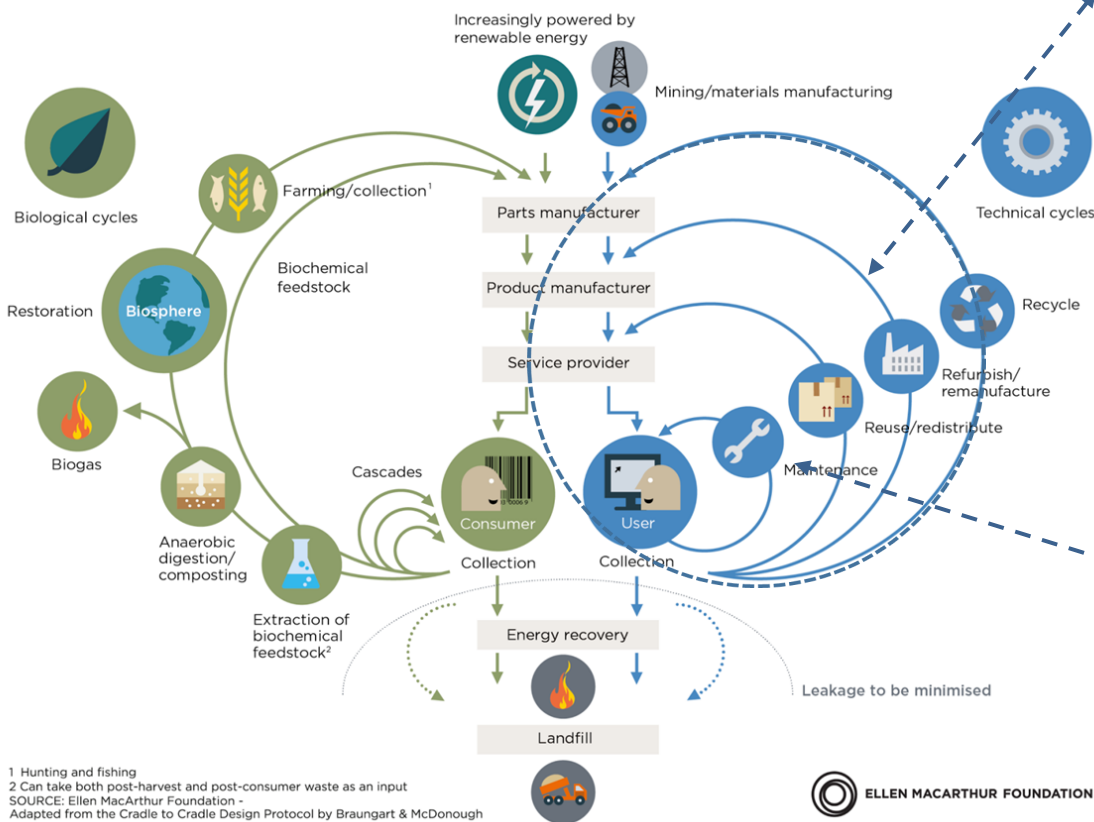
25th January 2017 1530 - 2000

Room CW 506, Strathclyde Business School, 199 Cathedral St, Glasgow, G4 0QU

The IET proudly presents a unique collaboration between:
The Scottish Institute for Remanufacture (SIR) and the University of Sunderland's AMAP
showcasing the benefits of remanufacturing and effective maintenance in developing a
sustainable business plan.

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CIRCULAR ECONOMY - an industrial system that is restorative by design



The Scottish Institute for Remanufacture (SIR) along with IBM will showcase remanufacturing in action as part of the circular economy and highlight potential economic and environmental benefits available to companies.

The University of Sunderland's AMAP group work with industry throughout the UK to develop tools, practices, software and methods in Advanced Manufacturing that lead to efficient maintenance and sustainability activities.

¹ Hunting and fishing
² Can take both post-harvest and post-consumer waste as an input
SOURCE: Ellen MacArthur Foundation -
Adapted from the Cradle to Cradle Design Protocol by Braungart & McDonough

Also attending the event will be Hexagon, a leading manufacturing solution specialist who combine technologies and ideas to enable closed loop manufacturing. They will be on hand to provide practical demonstrations of equipment including laser scanners and trackers that can boost productivity in manufacturing operations by identifying the right balance of speed, efficiency, cost and quality.

This **free** forum will enable attendees to consider improvements to waste and process inefficiencies within their own operations by considering remanufacturing products, parts, service items and capital equipment through an efficient maintenance environment.

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- 1530 -1600 Registration & Refreshments
- 1600 -1615 Welcome and Introduction
Mr Jerome Finlayson, Scottish Manufacturing Advisory Service
- 1615 - 1745 “Proactive Maintenance - why it matters”
Proactive maintenance enables companies to perform maintenance based upon intelligence provided by preventive and predictive maintenance data. Peter will present the findings from the introduction of a number advanced maintenance tools and techniques which support autonomous maintenance and data collection techniques aimed at reducing operating costs and improving equipment availability
Dr David Baglee & Mr Roger O’Brien, Sunderland University AMAP
Mr Peter Usher, Technip Umbilical
- 1745 -1800 Coffee Break & Networking
- 1800 - 1900 “Remanufacturing in Practice”
Showcasing the circular economy in action within IBM, highlighting the economic and environmental benefits associated with remanufacturing.
Dr Jacqueline Balfour, Scottish Institute for Remanufacture &
Mr John Muir, IBM
- 1900 - 2000 Summary and Q & A
Mr Jerome Finlayson, Scottish Manufacturing Advisory Service
- Throughout Technology Showcase
Showcasing state of the art equipment including laser scanners and trackers that can boost productivity in manufacturing operations by identifying the right balance of speed, efficiency, cost and quality.
Bill Earlie, Hexagon Manufacturing Intelligence