



Conseil Européen de
Remanufacture

European Remanufacturing Council

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ISO Standard for Circular Economy



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ISO TC 323 CIRCULAR ECONOMY

- XP X30-901 (AFNOR)
- BS8001 (BSI)
- Brazilian Standard
- Draft by January 2021, Meet in Japan, Final publication: late 2022.
- ISO/WD 59004 (series)

World Economic Forum



<https://www.weforum.org/great-reset/>

“The pandemic represents a rare but narrow window of opportunity to reflect, reimagine, and reset our world.”

Klaus Schwab

Founder and Executive Chairman, World Economic Forum



- New Business Models Enabled by Advanced Manufacturing
- Circular Economy and Material Value Chains
- Global Plastic Action Partnership

Net Zero CO₂ & Product Life Cycles



Stientje van Veldhoven – Dutch State Secretary for Water and Infrastructure

<https://www.ceps.eu/ceps-events/circular-economy-to-the-rescue/>

- DIRECTIVE 2009/125/EC
- Planned Obsolescence or/and Premature Obsolescence
- Right to Repair Movement
- Eco Design for non-electrical products
<https://www.bedfed.org.uk/trade/nbf-green/ecodesign-principles/>

UN Environment Programme



<https://www.oneplanetnetwork.org/accelerating-circular-economy-through-product-lifetime-extension>

- Working Group 'Using Product Lifetime Extension to Advance Circular Economy'
- **Mapping of relevant policies that address product lifetime extension (PLE)**
- **Mapping of how ecolabels include product lifetime extension criteria in their standards and schemes**

26th – 28th May 2021



<https://www.plateconference.org/>



- Online conference
- Head of Unit at DG ENV Unit B1 Emmanuelle Maire
- Dr Colin Fitzpatrick



WCEF 2020



Commissioner Virginijus Sinkevičius



https://www.youtube.com/watch?v=f9pjYQ4I-oM&ab_channel=SitraFund

- Next Generation EU Funding
- 37% - Green Deal
- Circular Economy as an accelerator of the Green Recovery.
- How can MS use the funds?
- **Where might Product Life Extension fit in – especially for Ireland?**

What is Remanufacturing?

“Returning a product to at least its original performance with a warranty that is equivalent or better than that of the newly manufactured product.”

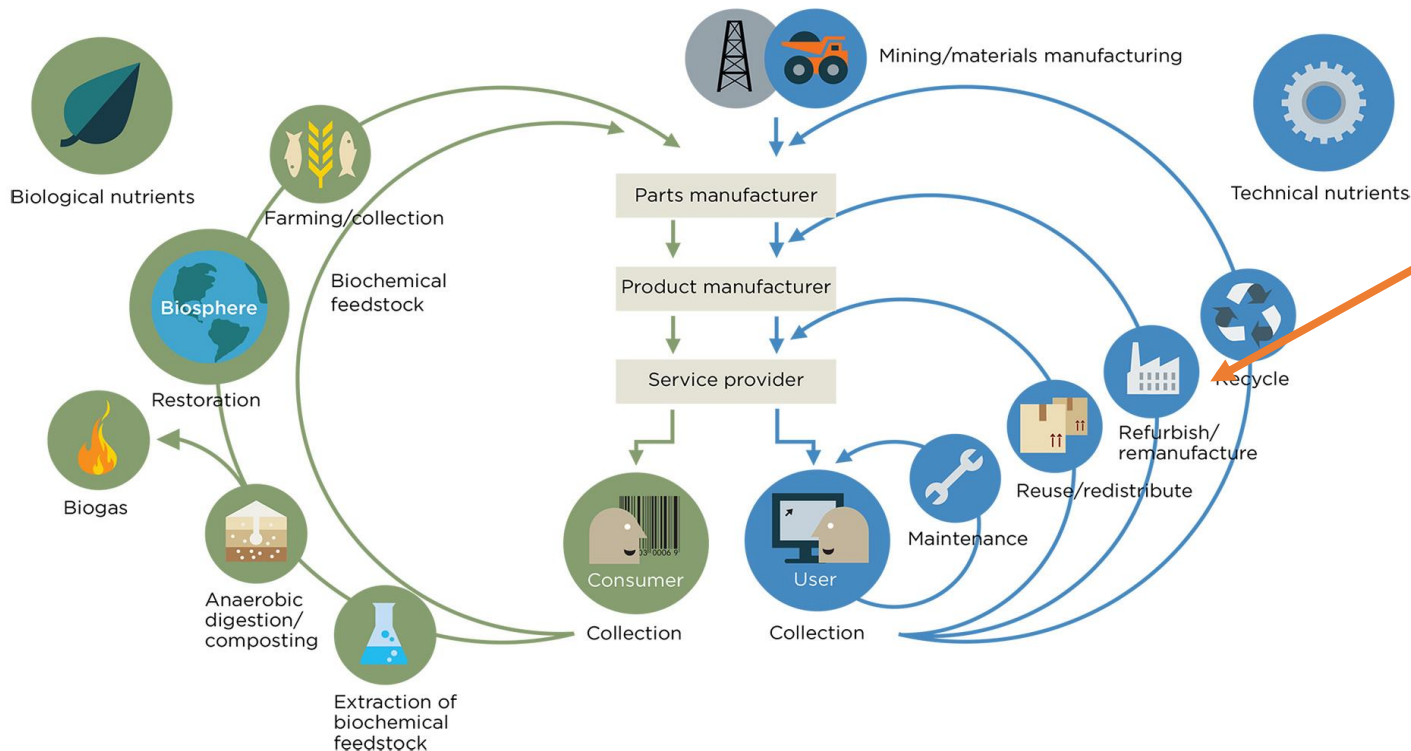
BS 8887 - Pt 2

Examples

- *Syncreon working with Lexmark in Europe*
- *DB Audio - Stuttgart, Germany*
- *Volvo Cars Global*
- *Michelin - Global*
- *Reconex - Global*
- *Hetzel – Germany*

HP with **Circular Computing** during Covid Crisis

Lizarte – Pamplona



Remanufacturing – Data Source

Eight programme partners



<https://www.remanufacturing.eu/>

- Free reports and background information
- Links to European Researchers

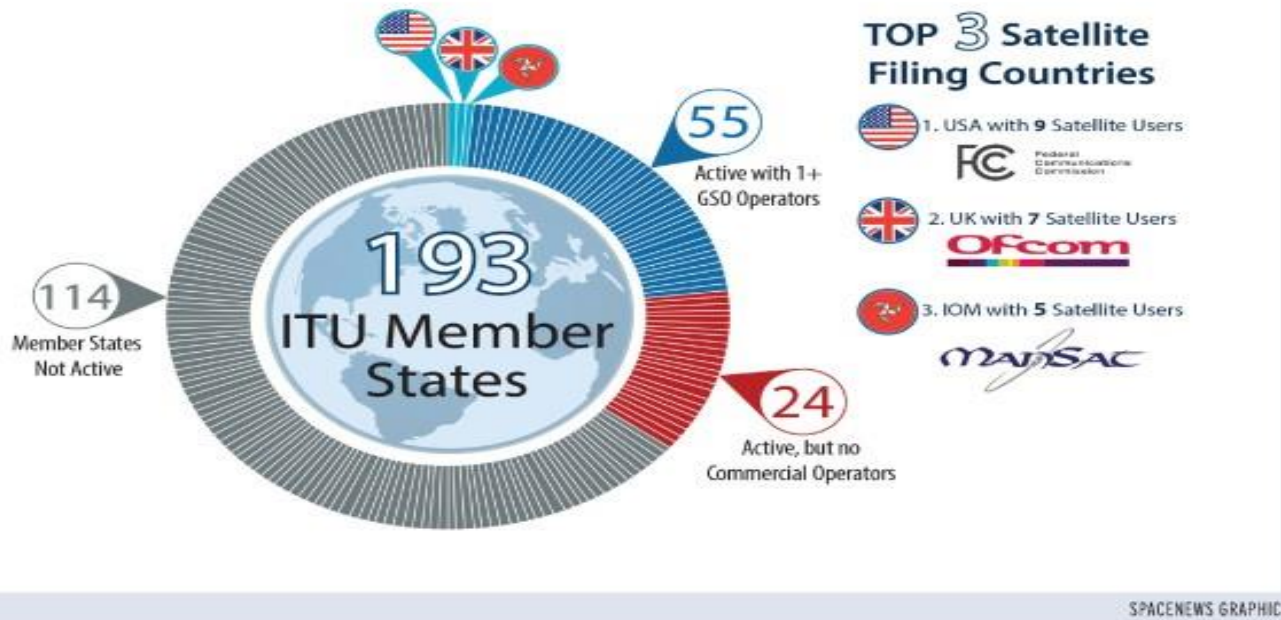
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Product Life Extension in Ireland

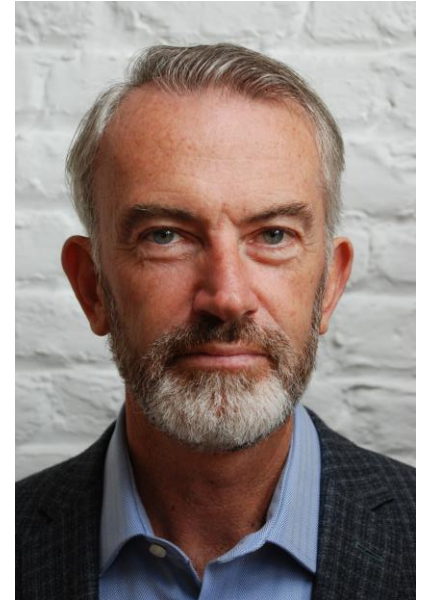


Graphic from Space News

- Ireland does not have a German-style industrial base.
- Circular Economy and Product Life Extension are generating new business models.
- Consider opportunities for hosting digital platforms on traceability or digital product passports.
- Consider working with other outward-looking small countries – Portugal, Denmark and Scotland.

Stay in Touch

- Next Generation EU Funding for Ireland.
- An opportunity to include circular economy and Product Life Extension in the National Recovery and Resilience Plan.
- Consider the links to Ireland's digital economy expertise.
- Businesses operating in Product Life Extension are mostly hidden from view - inside OEMs or working for them under confidentiality contracts.
- Ireland has some leaders in the field – e.g. Stryker (medical devices) and syncreon (logistics).



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A Word On China – If there is time



CHINA ASSOCIATION OF
CIRCULAR ECONOMY

