CLOSING THE LOOP

ENHANCING CIRCULAR MANUFACTURING WITH GENERATIVE AI

The world economy is now:

9.1 %* Circular 8.6 %* Circular 7.2 %* Circular



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DANISH TECHNOLOGICAL INSTITUTE

* FRASER, Matthew; HAIGH, Laxmi; SORIA, Alvaro Conde. The Circularity Gap Report 2023. 2023.

BENEFITS OF REMANUFACTURING



Remanufacturing Business Process, doctoral thesis, University of Plymouth.

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WHAT IS THE CHALLENGE?

Linked in

- Wheentiging egusiaties a sn(bOde)
- Fearablicannibalization
- Reging they establishment and (Recrygileg Waster (Remanufacturin
- Khadwivig daget comma taeval aprepressess for products with much higher variation! Cost of labor and establishment
- Bin picking Uncertainties

 - Grading/QC for used products. Quality of product and components Irreversible process on products of Availability of itysed products

 - Maria antippes pricautersions, quality levels etc.



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* Contribution of remanufacturing to circular economy – Eionet 2021