

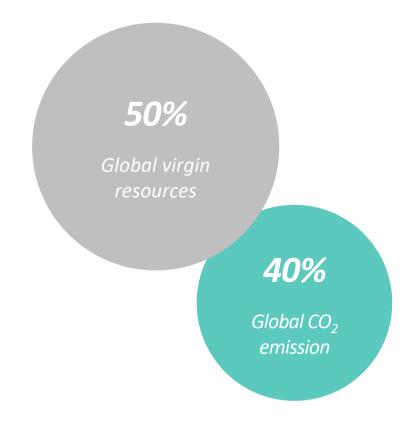


Circular Built Environment

WHY A CIRCULAR BUILT ENVIRONMENT

Our world is still only 9% circular...

...and the trend is negative*



54% 400m of waste in London tonnes of materials generated by the built environment consumed by built environment sector every year sector in London annually 140m 250m tonnes construction tonnes annual demolition and excavation related in construction waste annually = 50% of UK = 60% of total ÚK material use £6bn 5% lost value annual increase of from £100bn construction material annual industry turnover

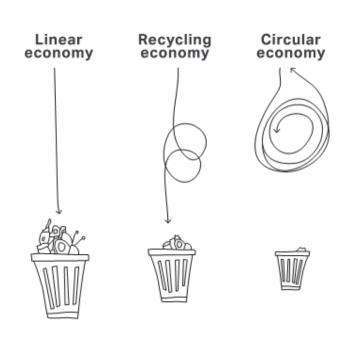
EXAMPLES OF CONSTRUCTION WASTE IN THE UNITED KINGDOM

*https://www.circularity-gap.world/updates-collection/our-world-is-still-only-9-circular



WHY A CIRCULAR BUILT ENVIRONMENT

4.5\$ trillion opportunity by 2030*



FROM TAKE • MAKE • USE • DISCARD TO RE-MAKE • USE-AGAIN

*Waste to wealth, Accenture



RAW MATERIALS SOURCED SUSTAINABLY MANUFACTURE <u>a:</u> ASSEMBLY RECOVERED MATERIAL MINIMISE NEGATIVE DISASSEMBLY **EXTERNALITIES EG. WASTE**

https://www.wbcsd.org/Programs/Circular-Economy/Factor-10/Resources/pathways-forbusiness-and-government





Barriers FOR CIRCULAR BUILT ENVIRONMENT







Addressing 2 key barriers



Consolidating data on the business case for environmental projects



Sharing information with key decision makers in value chain

Addressing 2 key barriers

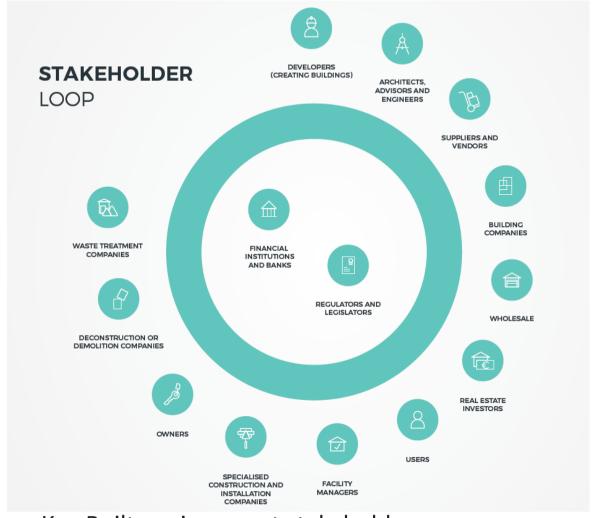


Clearly illustrate the business case for investing in more circular construction assets, projects, products and services throughout the value chain.



Stakeholder review

- Ensure engagement of multiple stakeholders active in the built environment
- Explore stakeholders and their role in the transition to Circular Economy



Key Built environment stakeholders

