

EAUC

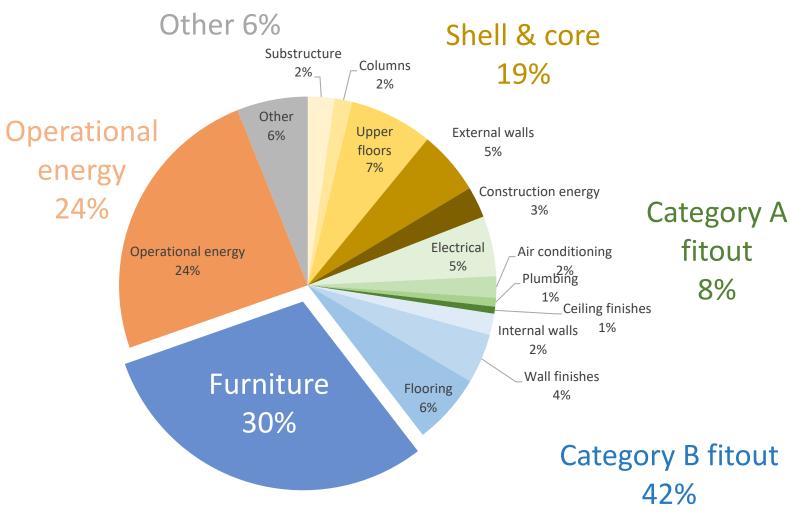
Sustainable Procurement Topic Support Network

8th October 2020



Greenhouse gas emissions over the lifetime of a commercial building

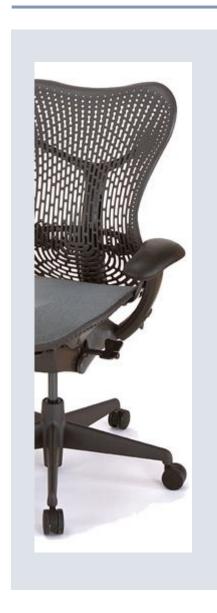


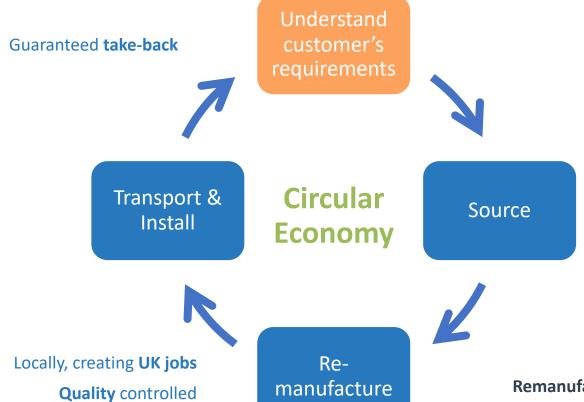


Source: Treloar, GJ. Et al, 1999, Embodied energy analysis of fixtures, fittings and furniture in office buildings, Facilities, Volume 17, Number 11, pp. 403-409 (Accessed on 14 June 2019 at https://www.academia.edu/18481731/Embodied energy analysis of fixtures fittings and furniture in office buildings)



Our Circular Model





Quality pieces from:

- **Existing** furniture
- Used furniture from other office clearances (300t/day going to landfill)
- New sustainable furniture made by social enterprises and SMEs (e.g. MTIB)

Remanufacturing = a quality-controlled engineering process that takes the long-life components of furniture (like aluminium frames), checks and resurfaces them, and rebuilds the item around them



Remanufactured



Vs

- 20% to 30% lower than framework prices
- 80% lower **carbon** emissions
- Community jobs
- High scorer for WELL, BREEAM, LEED
- Same warranty
- Large volumes available

New



- Made from 47% virgin resources
- No take-back
- Overseas jobs and profits











Why the conversation about Net Zero is so important

- Time-sensitive
- Sector-specific approach is inevitable
- Potential for greenwash is enormous
- Reputational impact

"Importantly, the company or organisation should make sure that only truly 'hard-to-decarbonise' emissions may be compensated."

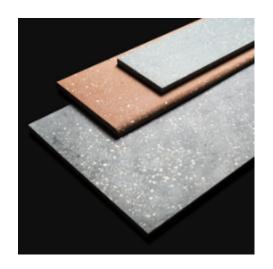
Diesel has really cleaned up its act.

Find out how clean diesel technology impacts fuel efficiency and performance, while also being a more eco-conscious choice.





Circular Economy Innovation



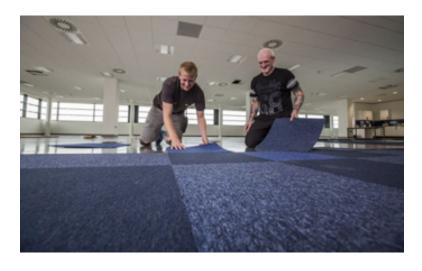
RECYCLED CERAMIC TILES



REMANUFACTURED ELECTRONICS



RECYCLED PAINT



RECLAIMED FLOORING

DESIGN LED CIRCULAR INNOVATION







Social Value through the Circular Economy



We have provided **6,500** hours of paid work & training for local long-term unemployed people with disabilities and work with a range of socially responsible suppliers





In 170+ projects Rype Office has:

- Saved clients £ millions
- Saved over 1 million kg CO2e of GHG emissions
- Avoided 300 tonnes of furniture going to waste
- Provided 6,500 hours of paid work & training for local long-term unemployed people with disabilities



















- Tender structure
- Prescriptive frameworks (166 items core product items) constrain circular outcomes
- Upfront pricing rather than lifecycle costing
- Inability to utilise client's existing stock
- Race-to-the-bottom for pricing
- Measuring the wrong things







- 1. Education e.g. the high quality of remanufactured products
- 2. Encourage innovation and create flexibility
- 3. Political priorities
- 4. Robust focus on wellness and traceability
- 5. Case studies- public procurement success stories

Please get in touch for more information.



