

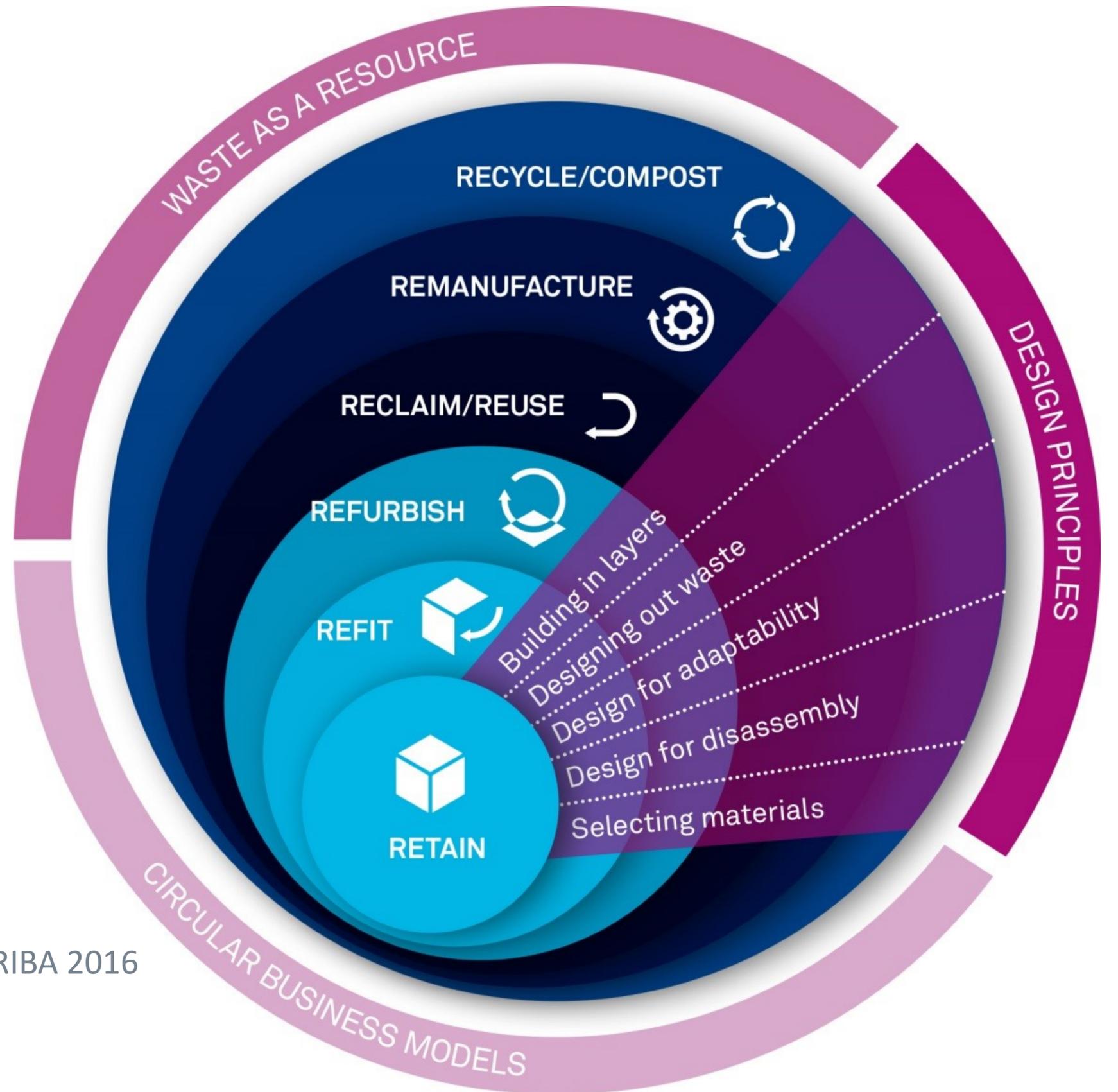


What is a

Circular Economy

“a circular economy keeps products and materials circulating within the economy at their highest value for as long as possible, through re-use, recycling, remanufacturing, delivering products as services and sharing”

Building Revolutions, David Cheshire, RIBA 2016

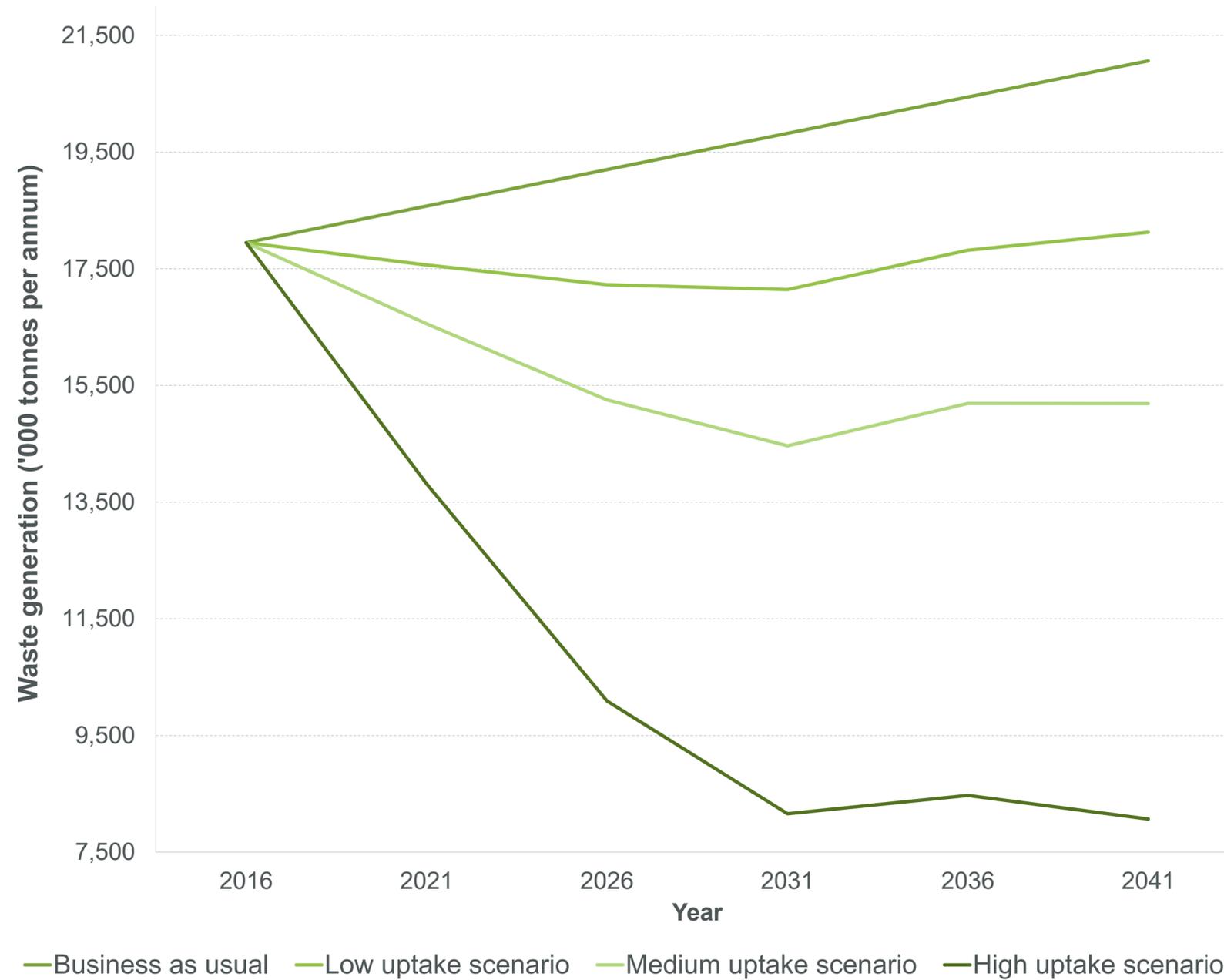




London

- London is growing fast – population is predicted to reach **11m by 2050** which means our attitude to waste needs to change
- The circular economy provides a sustainable and profitable solution to the challenges of this dramatic growth
- **By 2041 could reduce waste by 60%**
- By 2036, the circular economy could provide London with net benefits of at least **£7bn every year** and **40,000 new jobs (12,000 net additional jobs)** in the capital by 2030

Circular Economy Waste reduction potential for London



Arup Impact Assessment report, Circular Economy Effects on Waste Production in London



Circular London

London's Circular Economy Route Map

Outlines 100 practical actions to transition London to a circular economy whilst providing jobs, growth and impact.

Key cross-cutting themes:

- Policy (inc circular economy statement in draft London Plan)
- Innovation
- Demonstration
- Collaboration



<https://www.lwarb.gov.uk/what-we-do/circular-london/circular-economy-route-map/>



The circular economy opportunities in the built environment will add £3-5bn to GDP by 2036.

- Example interventions include:
- innovations like modular construction.
 - more effective utilisation of buildings.
 - design for building disassembly, material management and re-use.



The circular economy opportunities in the plastics sector will be at least £200m by 2036.

- Examples interventions include:
- activities to reduce plastic use.
 - increasing the recycling rate.
 - innovative recycling technologies.



The circular economy opportunities in the textiles sector are over £1bn by 2036.

- Example interventions include:
- increasing the lifetime of clothes through design and innovative technologies.
 - increasing the usage of clothes through renting or leasing.
 - increasing the re-use, repair and recycling of clothes via incentivised return schemes.



The circular economy opportunities in the food sector will add £2-4bn to GDP by 2036.

- Example interventions include:
- raising consumer awareness and knowledge.
 - reducing avoidable food waste.
 - using unavoidable food waste to create energy/compost.

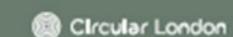


The circular economy opportunities in the electrical and electronic equipment sector will be at least £900m by 2036.

- Example interventions include:
- sharing, renting and product as service business models.
 - increased re-use/effective recycling rate.
 - designing better products that enable longer product life.



LONDON'S CIRCULAR ECONOMY ROUTE MAP



Meanwhile Space

Maximising the use of all our space

The Hive:

"Starting with nothing and with no funding, we converted an old office block into one of the city's most vibrant social projects. Self-sustaining and self-organising, it ran for a thousand days delivering benefits for society for every second."



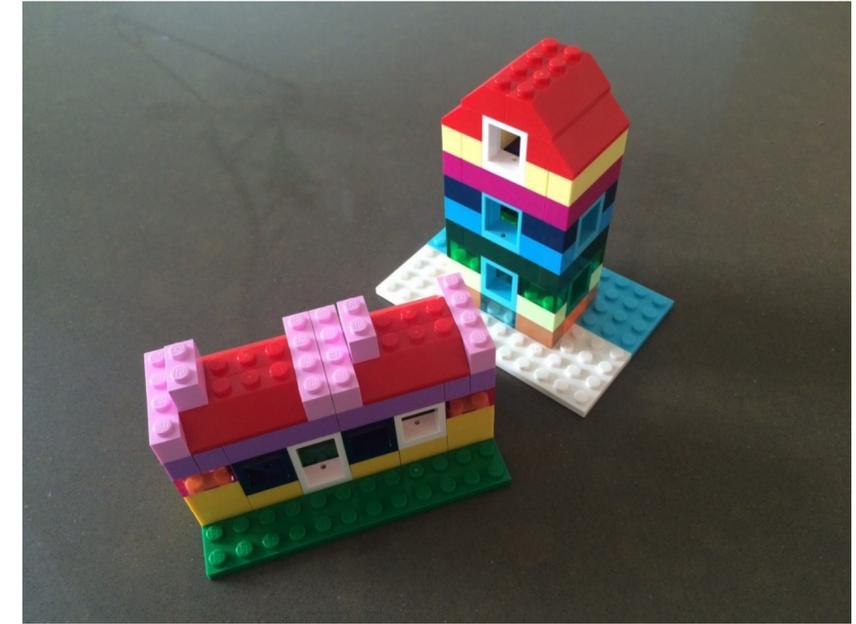
Restart
project's
The Hive
Dalston



Reusable Buildings

Building for adaptability and reuse.

- Modular developments
- Designed for adaptability
- Designed for deconstruction
- Building on the meanwhile uses of the future.



Ladywell, Lewisham



New business models

Try or retry something different. Lease don't buy.

- Pay per lux – a service
- NUS pivotal to driving change
- Allows for the latest technology
- Manufacturer keeps materials and assets

NUS headquarters. Philips pay per lux scheme



Circular Office



Everyone has an office. Why not make it circular?

- Office refit using remanufactured furniture
- Getting the simple things right
- Reusable containers
- Circular Procurement
- Rethinking IT
- Sustainable Logistics
- Innovation. Thinking outside the box
- Advance London business support



BUSINESS
IN THE
COMMUNITY

Collaborating with Circular London

A place to collaborate on circular economy initiatives, pilots, innovations and ideas. Bringing organisations of different sizes, types and sectors together to engaging in the circular transition of London's economy

Demonstration

Practical demonstration and pilots of circular economy business models in London.

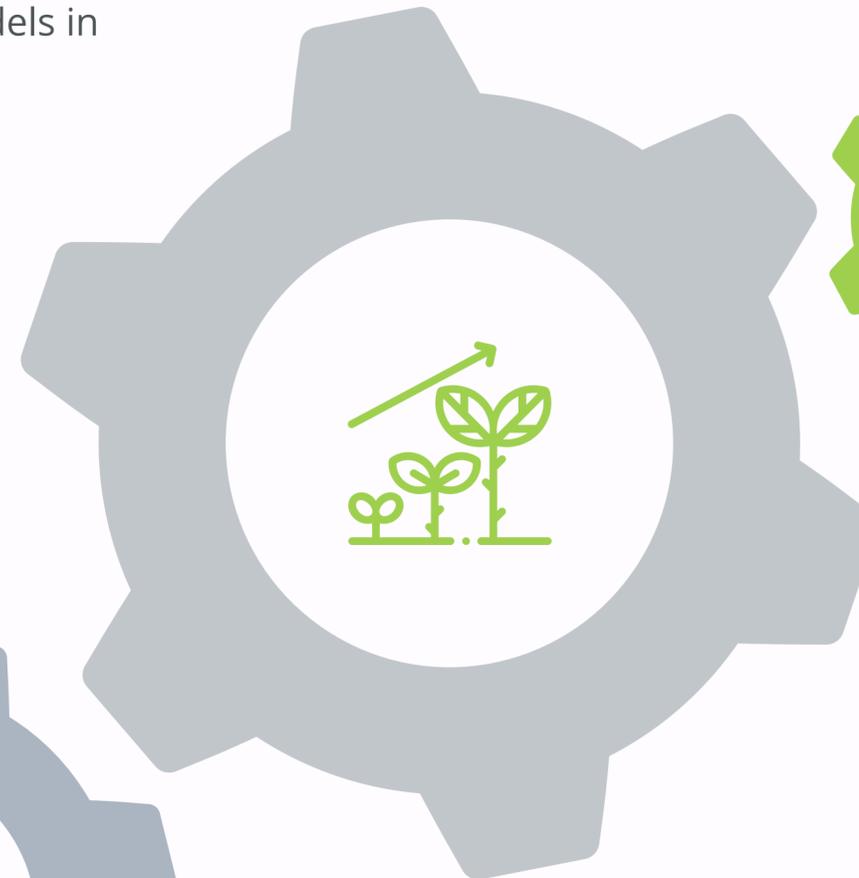
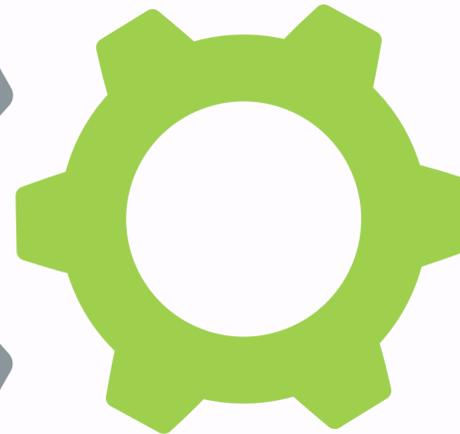
Events & Workshops

Practical sessions to generate solutions and ideas to systemic problems in London.



Innovation

Bring your challenges. Together we can try and create solutions. Advance London work with SMEs in London to develop circular business models, products and services. Launched a circular economy accelerator – first focus is built environment



London's Circular Stories

We'd love to hear what you are doing and testing and tell the circular stories of London so others can learn and get behind the fantastic work that has already begun.

Contact

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