10 circular investment opportunities for a resilient recovery

**Built environment**
Shaping a liveable, cost-effective, and low-carbon built environment

1. Renovation and upgrade of buildings
   - Utilising recycled or reused steel for building construction could generate up to 25% in material cost savings per tonne of steel.5

2. Building materials reuse and recycling infrastructure
   - The processing of recycled aggregates compared to virgin ones could reduce GHG emissions by 40% or more.4

**Mobility**
Shaping an interconnected, low-carbon, and resilient mobility system

3. Multimodal mobility infrastructure
   - Multimodal mobility systems could bring USD 1.6 trillion in benefits in 2030 for China, assuming 42% of all car kilometres were made by shared vehicles.3

4. Automotive refurbishment, remanufacturing, and repair infrastructure
   - The remanufacturing of vehicle parts can increase skilled labour requirements by up to 120%.6
   - The number of EVs on the road is expected to reach almost 10 million this year, as sales grow despite the Covid-19 pandemic.6

**Food**
Shaping a resilient, healthy, and food-secure food system

3. Tools enabling farmers to shift to regenerative agricultural production
   - Spending USD 78-116 billion (on accelerating the adoption of regenerative agricultural practices) could save USD 2.3-3.5 trillion in lifetime operational costs.2
   - 72% of Europeans have reported a greater willingness to put effort into healthier eating in the future.20

9. Food surplus and by-product collection, redistribution, and valorisation infrastructure
   - The processing of recyclables can sustain about 20 times more jobs than landfill, and plastic manufacturers making use of recycled materials, about 100 times more.21

**Fashion**
Shaping a competitive and low-carbon fashion industry that promotes increased utilisation

6. Innovative reuse business models for plastic packaging
   - The secondhand market is projected to grow from USD 37 billion in 2018 to USD 59 billion by 2026 (across industries).3

7. Rental and resale business models for clothing
   - The lost value of textile waste amounting to more than USD 100 billion annually could be retained, by capturing and recirculating materials.9

**Plastic packaging**
Shaping a more competitive and less polluting plastic packaging industry where plastics are kept in circulation

5. Innovative reuse business models for plastic packaging
   - Replacing just 20% of single-use plastic packaging with reusable alternatives globally offers an economic opportunity worth at least USD 10 billion, while saving about 6 million tonnes of material.6

6. Plastic collection, sorting, and recycling infrastructure
   - The processing of recyclables can sustain about 20 times more jobs than landfill, and plastic manufacturers making use of recycled materials, about 100 times more.21

1. Building materials reuse and recycling infrastructure
   - The processing of recycled aggregates compared to virgin ones could reduce GHG emissions by 40% or more.4

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**10 million**

- Nearly 10 million new jobs
- Nearly 2 million homes
- 3.040 litres
- USD 100 billion
- 1.6 trillion
- 2x
- 40%
- 25%
- 72%
- 70%
- 120%
- 10 million
- USD 700 billion
- 2.3-3.5 trillion
References


2. ARUP, *The Circular Economy in the Built Environment* (September 2016)


11. Reports and Data, *Returnable packaging market by raw materials, by types, by end-users and segment forecasts, 2016-2026* (September 2019)


13. Farfetch, QSA, ICARO and London Waste and Recycling Board, *Understanding the environmental savings of buying pre-owned fashion* (18th June 2020)


15. Market data analysis was done in April, 2020 and includes the impact of Covid. thredUP, *2020 resale report* (June 2020)


17. Project Drawdown, *Regenerative annual cropping*

