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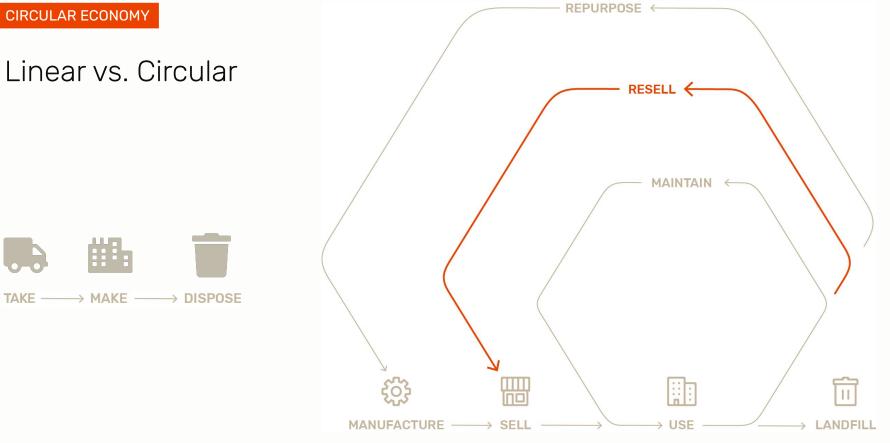
GREENTOWN CLIMATE CRISIS

Waste Reduction and the Circular Economy

September 23, 2020



Linear vs. Circular



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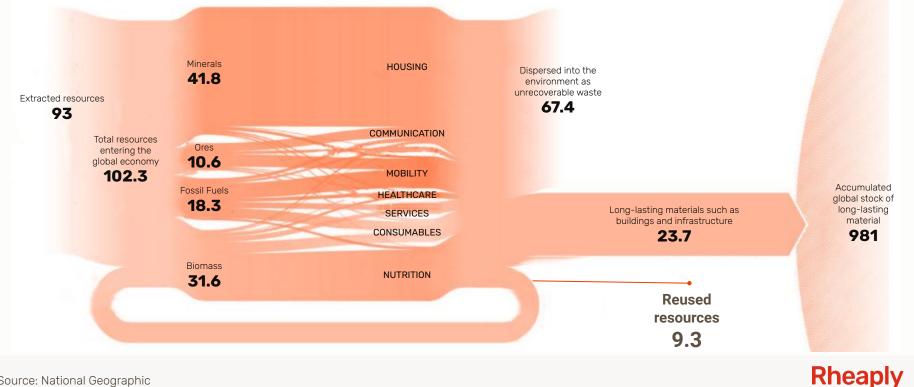
Design approaches dominate the discussion.

GREEN BUILDINGS MICROBIAL DIGESTION

ETHICAL SOURCING RECYCLABLE MATERIALS

PRODUCTS AS A SERVICE REMANUFACTURING

Global Resources entering global economy (in billions of tons)

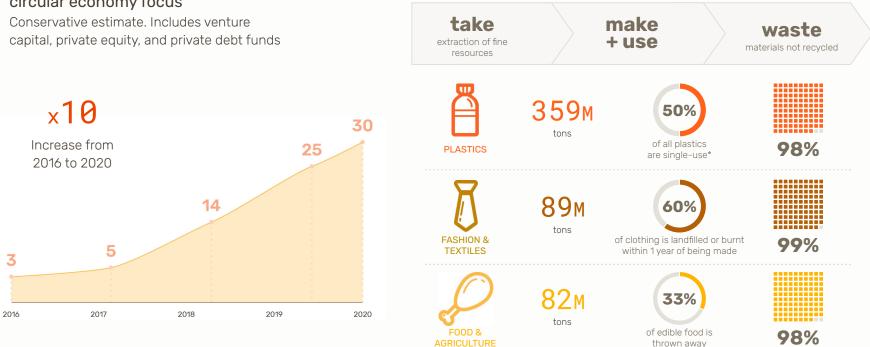


Source: National Geographic

CIRCULARITY TODAY Increased financing for CE is still not closing loops

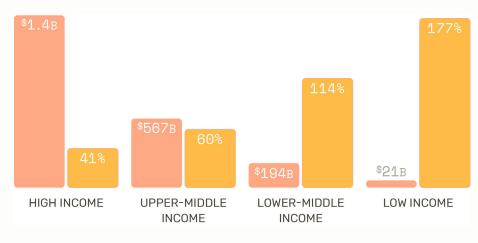
of private market funds with circular economy focus

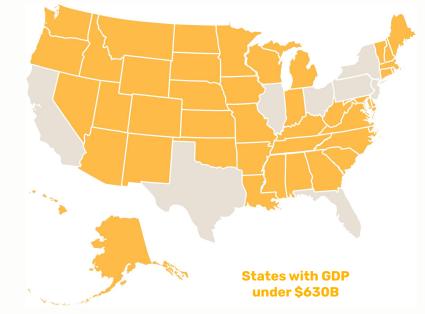
Highly extractive, wasteful economic models...





Over \$630B of physical assets sit idle every year.





Climate-related economic losses

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Sources: Forbes, CRED and UNISDR

Construction & Demolition

The Environmental Protection Agency estimates that **230 million - 530 million tons** of C&D are produced nationwide, with only a 30-70% range of recovery* C&D Recycling Industry **28K** US jobs



Electronics

Only 17.4% of 2019's e-waste was collected and recycled.

This means that gold, silver, copper, platinum and other high-value, recoverable materials conservatively valued at US **\$57 billion is lost.**

14%

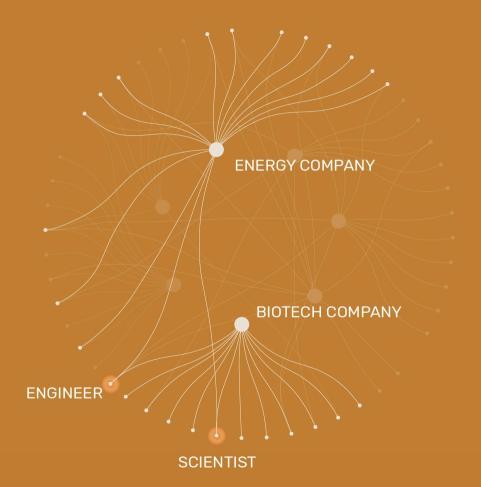
Children age 3-18 without digital tools and internet access

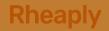
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The circular economy has problems.









MAKERSPACE

HARDWARE BUSINESS

REPAIR WORKSHOP MANAGER



FAIR TRADE ORGANIZATION

CLOTHING RETAILER

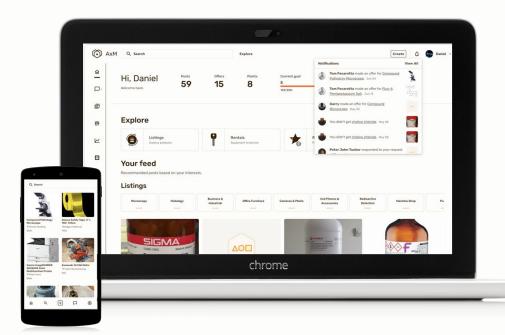
SUSTAINABILITY

PRODUCT MANAGER



SOLUTION Circular Asset Management Technology

- → Configurable, flexible system that is intuitive and easy-to-use
- → **Visibility** of what resources are available and their relative value
- → Better purchasing practices, reducing costs and time
- → **Real-time reporting** (in-app) and integration into legacy systems
- → Reducing unnecessary waste, to help meet sustainability goals



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Asset Management Systems

- Asset tracking
- Reporting
- Accounting
- Complicated to use
- Inaccessible
- Limited utility

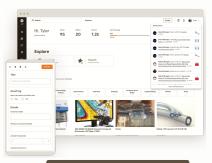


Online Marketplaces Or Exchanges

User-friendly

+

- Accessibility
- Transactional faster throughput
- Lacks asset tracking solutions
- No central administration
- Lack of reporting/data capture



Asset Exchange Manager

- Asset tracking
- Reporting

=

- Accounting
- User-friendly
- Accessibility
- Transactional
- Central administration



SPLC Circular Economy Leadership Award



Congratulates **Rheaply**

winner of the 2019 Leadership Award for **Advancing the Circular Economy**

Sustainability & Circular Innovation Award Winners









Questions?



