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THE 17 GOALS
CAMPAIGN

Asset Management Technology for a Circular Future

Overview

Technology to scale the circular economy

- Defining the Problem: The circularity gap.....3
- Resource inefficiency and technology limitations.....4
- Intro to Rheaply: **Circular Reuse Technology** 6

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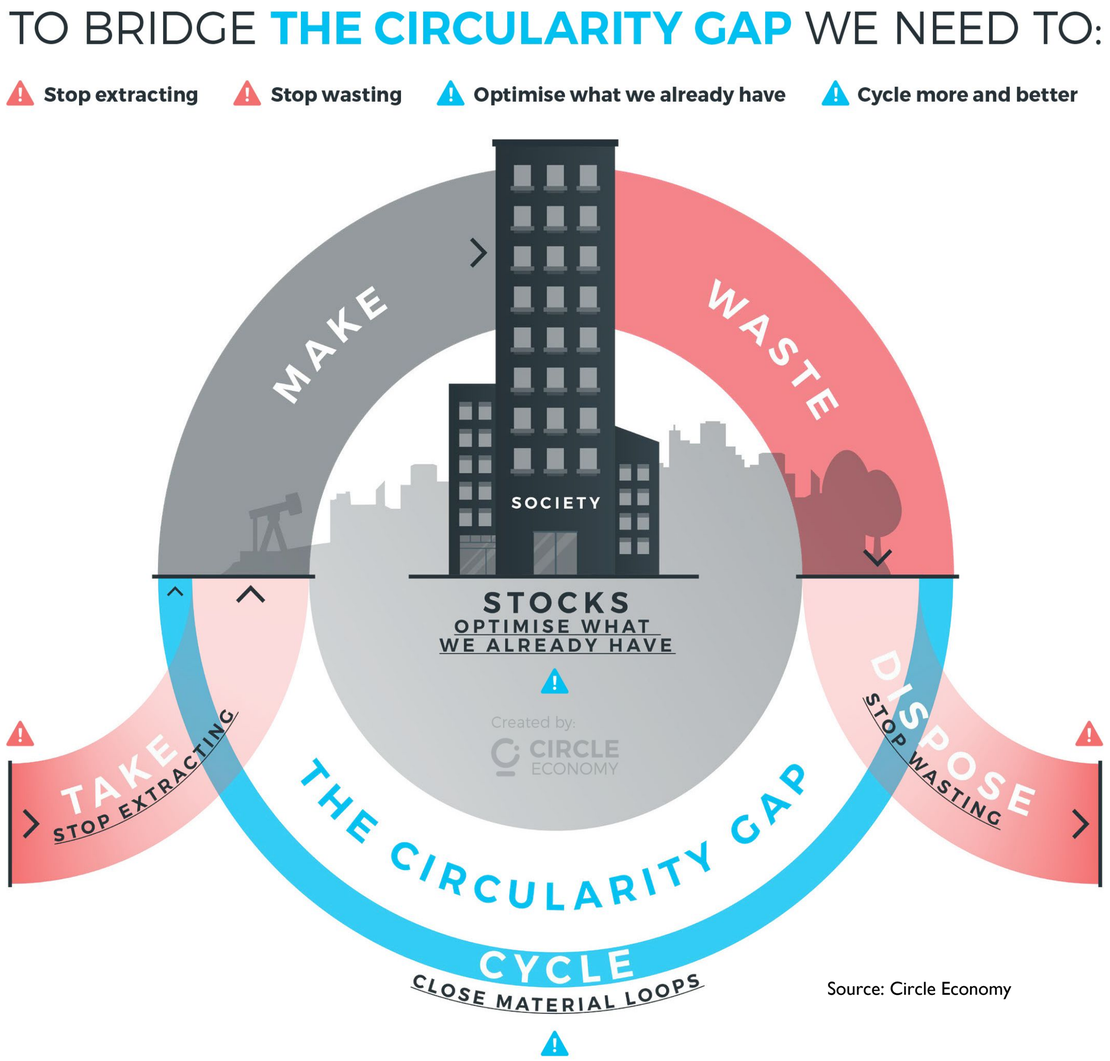
Problem | Material Waste Leakage is Tied to Resource Inefficiency



Source: Circle Economy

To the trash: < 10% of the 100B tons of raw materials cycles back into the economy

Why does the circularity gap exist?

- Broken & disconnected supply chain
- Material complexity/proliferation
- Surplus waste is rampant in large organizations

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Problem Resource Waste in Organizations

Resource waste within organizations is tied to operational inefficiency

- **Double Purchasing**
  - Double-buying in the workplace because of high volume of assets / lack of visibility
- **Unnecessary Storage & Disposal**
  - Unwanted but still valuable resources items are stored or trashed
- **Antiquated Resource Management technologies**
  - Businesses are stuck using Industry 3.0 AMS technology

17 SDGs exist today - but how do we connect them?

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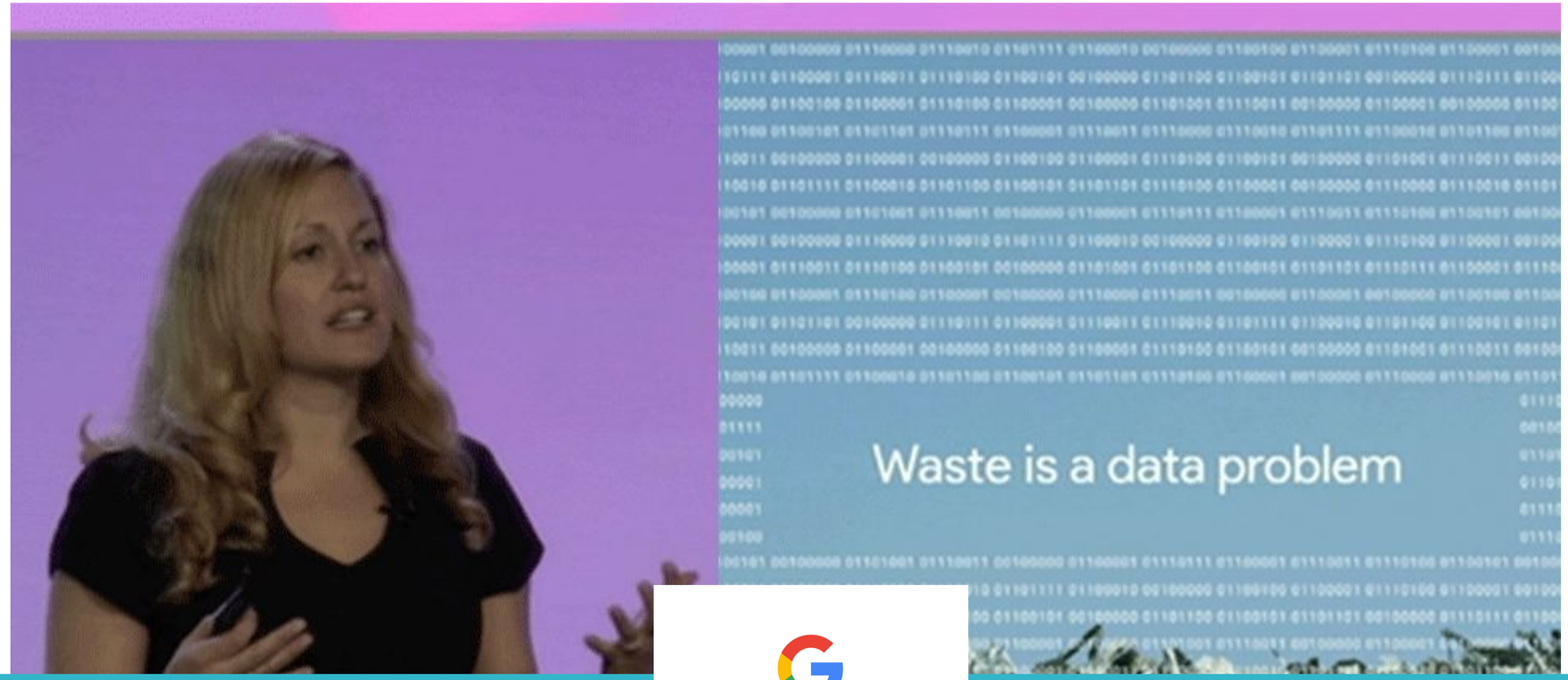

> Waste is a data problem. What if we saw stuff as information? This is an aspiring question to us at Google. We love a good data challenge.

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How technology can fast-track the global goals

Circular economy principles are alleviating COVID-19 shortages

Stephanie Potter
Friday, April 10, 2020 - 1:00am

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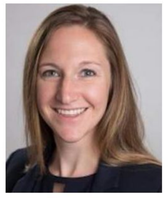

Stephanie Potter
Senior Director, Sustainability, Circular Economy
US Chamber of Commerce Foundation
@USCCFBiz4Good

Some organizations are using sterilization agents commonly found in hospitals as well as steam and vaporized hydrogen peroxide to decontaminate N95 masks for prolonged use.

COVID-19 told us we are not ready for 2 degrees Celsius warming

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12
RESPONSIBLE CONSUMPTION AND PRODUCTION
+
9
INDUSTRY, INNOVATION AND INFRASTRUCTURE
=

Solution Circular Asset Management Technology

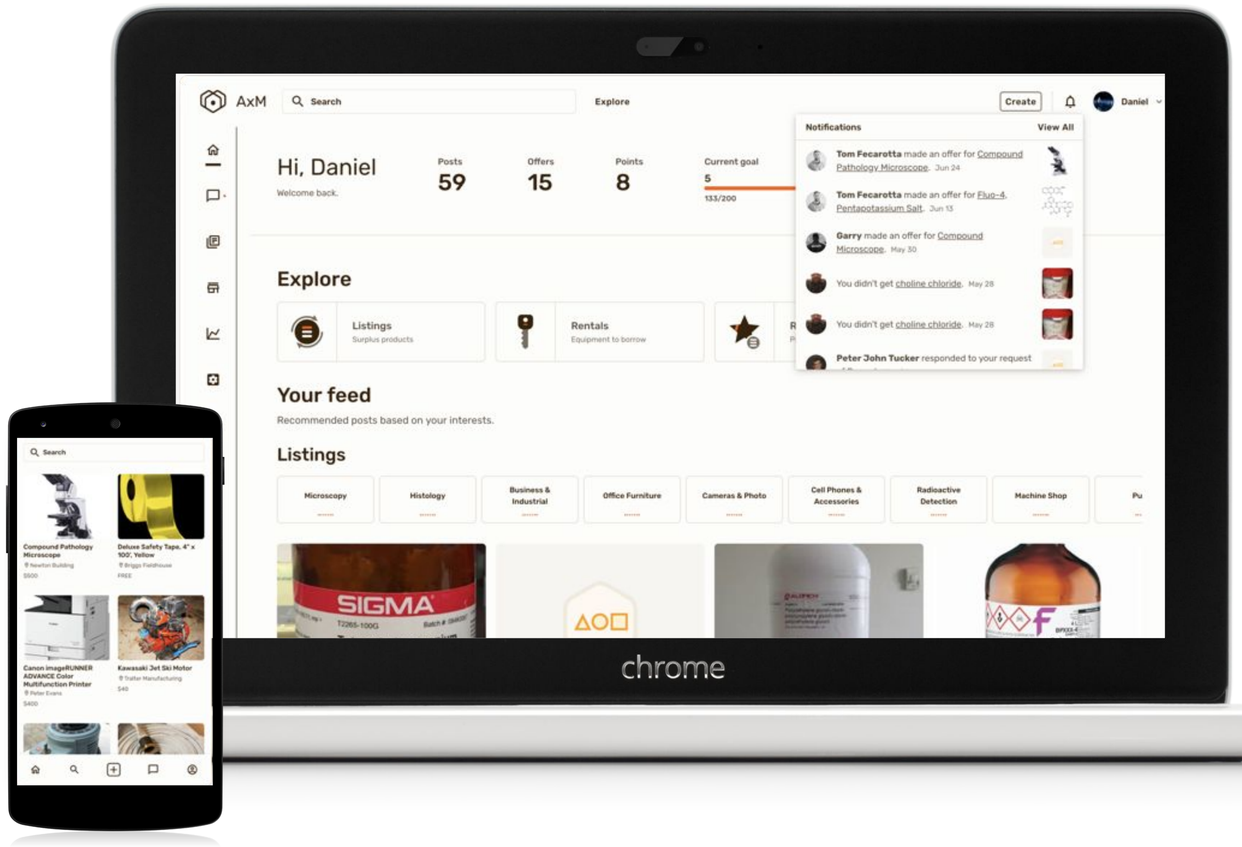
Configurable, **flexible system** that is intuitive and easy-to-use

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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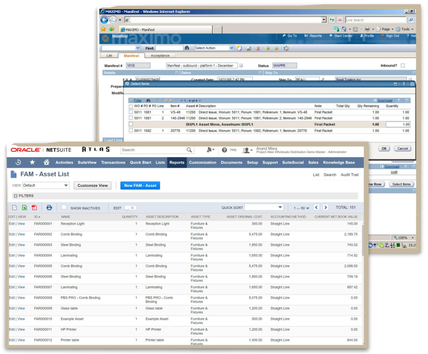
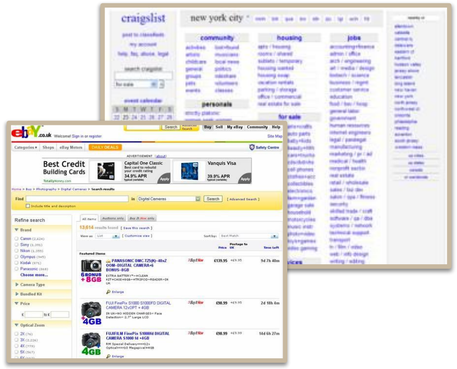


Asset Management Systems

- Asset tracking
- Reporting
- Accounting

- Complicated to use
- Inaccessible
- Limited utility

+

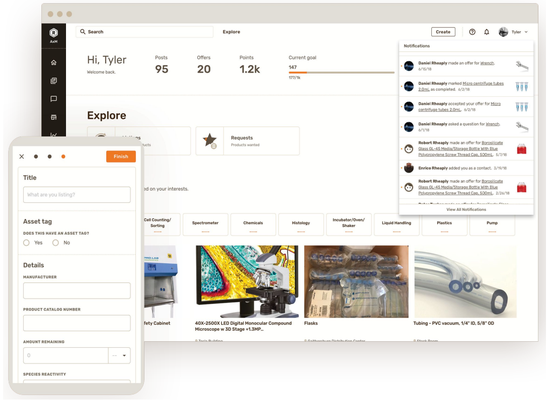


Online Marketplaces Or Exchanges

- 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

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About Rheaply | Climate Tech Leader

SPLC Circular Economy Leadership Award

Sustainability & Circular Innovation Award Winners

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How technology can fast-track the global goals

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