Building Material Reuse in San Francisco
2021 Progress
Embodied Carbon and Building Material Reuse
At the Intersection of Zero Waste and Green Building
Pivot Point: Advancing Toward Zero Waste Declaration

15% generation reduction

50% landfill reduction
By 2025, create a policy framework to expand and cultivate regional building material reuse markets that support workforce development, small business enterprises, and entrepreneurial innovation.

By 2025, amend existing policies to require deconstruction of buildings and increase the source separation of specific materials.
Env Code Ch 7: Municipal Green Building Requirements
A Tale of Two Cities: Portland and Palo Alto

1st Deconstruction Policy, USA

1st Deconstruction Policy, CA
Proposed Infrastructure to Support Policy & Programs

NETWORK OF SUPPLIERS AND RECEIVERS

VIRTUAL INVENTORY/ASSET MANAGEMENT

PHYSICAL ‘LAYDOWN’ SPACE
I AM HERE TO...

- Learn about reuse of building materials: 10
- Discover how to get started: 7
- Identify like-minded collaborators: 14
- Overcome roadblocks: 9
- Other: 1

IMAGE: ARUP
Online Material Exchange

VIRTUAL PLATFORM

BUILDING MATERIALS

OFFICE EQUIPMENT

FURNITURE

ASSET VISIBILITY

ASSET UTILIZATION

ENHANCED REPORTING

IMAGE: RHEAPLY, INC.
Building Resources Site Refresh
Future Program: Building Resources Innovation Center

To create a replicable dynamic secondary building materials market and regional asset interwoven with strategies for economic recovery and equity by pairing an unbounded virtual Online Materials Exchange with a physical location for community activities, small business procurement, and novel circularity programs.
Next Steps

1. CNCA Game Changers Fund Project
   STARTING JULY 2021

1. Building Resources RFP
   IN COORDINATION WITH SF PORT

1. Building Resources Upgrades/Programming
   STARTING SUMMER 2021

1. BRIC Early Communications/Planning
   IN COORDINATION WITH SFE PROGRAMS, SF PLANNING, PUBLIC WORKS, REC/PARK
Questions?

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Current Recovery Strategies are (commingled) Recycling-centric