



# Bay Area Deconstruction Workgroup

## U.S. EPA Updates

September 25 , 2024

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# Disclaimer

If there are any inconsistencies between Program Guidance or future funding solicitations and the statements in this document or webinar, the Program Guidance or funding solicitations are the controlling documents.

# Unprecedented Federal Funding Focused on Environmental Justice & Climate Change

- ▶ Bipartisan Infrastructure Law - Major climate, energy, and environment investments
- ▶ Inflation Reduction Act - Most significant action taken on climate change in the nation's history
- ▶ Justice40 Initiative - At least 40% of overall benefits and investments to disadvantaged communities



# Environmental Justice

means the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability, in agency decision-making and other Federal activities that affect human health and the environment so that people:

- are fully protected from disproportionate and adverse human health and environmental effects (including risks) and hazards, including those related to climate change, the cumulative impacts of environmental and other burdens, and the legacy of racism or other structural or systemic barriers; and

- have equitable access to a healthy, sustainable, and resilient environment in which to live, play, work, learn, grow, worship, and engage in cultural and subsistence practices..



# Funding Applications

- ▶ **Register to Apply** - *it can take months*

**SAM.gov Registration:** <https://sam.gov/content/entity-registration>

**SAM.gov assistance:** [https://www.fsd.gov/gsafsd\\_sp](https://www.fsd.gov/gsafsd_sp)

**Register in Grants.gov:**

<https://www.grants.gov/applicants/applicant-registration>

**Grants.gov Applicant Training**

<https://www.grants.gov/applicants/applicant-training.html>

**Grants.gov assistance:** 1-800-518-4726 or [support@grants.gov](mailto:support@grants.gov)

- ▶ **Seek Opportunities to Advance Environmental Justice**

# EPA Has Clearly Established Materials/Waste Connections to Environmental Justice & Climate Change



**Solid Waste Infrastructure for Recycling (SWIFR) Grant Solicitation (2023):**



**“Approximately half of global greenhouse gas emissions are the result of natural resource extraction and processing.”**



**“Mismanaged waste also can compound health, economic, and undesirable social conditions in historically underserved and overburdened communities.”**



***76% of the funding for SWIFR Communities projects awarded benefit disadvantaged communities***

**EPA Climate Pollution Reduction Implementation Grants (closed)  
Funded \$121 million for Materials Management and Waste Projects**

<https://www.epa.gov/inflation-reduction-act/cprg-implementation-grants-general-competition-selections>

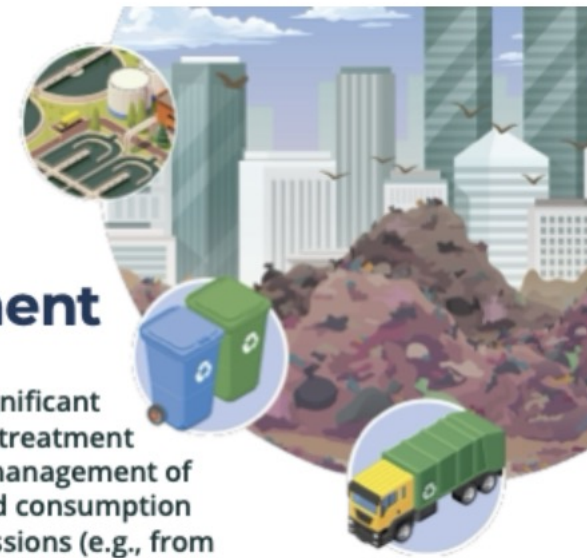
# EPA Resources to Support Climate/Materials & Embodied Carbon Connections

- ▶ Resources, Waste and Climate Change  
<https://www.epa.gov/smm/resources-waste-and-climate-change>
- ▶ Climate Pollution Reduction Grants Resources  
<https://www.epa.gov/inflation-reduction-act/cprg-tools-and-technical-resources-waste-and-materials-management-sector>
- ▶ EPA WARM Model - online calculator converting reduction, recycling, composting, anaerobic digestion, landfilling, and combustion into GHG equivalents  
<https://www.epa.gov/WARM>



## Greenhouse Gases from Waste and Materials Management

The waste management sectors include greenhouse gas (GHG) emissions from significant sources such as landfills and wastewater treatment facilities.<sup>1</sup> In addition to emissions from management of waste, the production, transportation and consumption of consumer products also results in emissions (e.g., from fuel use for transport, electricity, etc.).<sup>2</sup>



**Recycling 10 tons of aluminum cans reduces GHG emissions by over 91 Metric Tons of CO<sub>2</sub> Equivalent =**

**Taking 19 cars off the road for a year OR**

**10,293 gallons of gas**

# Open: Environmental Justice Thriving Communities Technical Assistance Centers

- ▶ **16 Centers providing free assistance to EJ grant applicants**
- ▶ **Training and capacity building for:**
  - ▶ Finding and applying for grants
  - ▶ Developing strong proposals
  - ▶ Managing federal grants



<https://www.ejtctac.org>

<https://www.epa.gov/environmentaljustice/environmental-justice-thriving-communities-technical-assistance-centers>



# Open: EPA Environmental and Climate Justice Community Change Grants (\$2 billion)

<https://www.epa.gov/inflation-reduction-act/inflation-reduction-act-community-change-grants-program>



U.S. Environmental  
Protection Agency

## ▶ Funding:

- ▶ **\$10-20 million/grant** – Community-Driven Investments for Change
- ▶ **\$1-3 million/grant** – Meaningful Engagement for Equitable Governance

## ▶ **Eligibility:** A partnership between two **community-based nonprofit organizations** (CBOs) **OR** a partnership between a CBO and one of the following:

- ▶ **Local government** – can be **Lead Applicant**
- ▶ **Federally-recognized tribe** – can be **Lead Applicant**
- ▶ **Institution of higher education** – can be **Lead Applicant**

## ▶ **Rolling applications due Nov. 21, 2024**

# Open: EPA Solid Waste Infrastructure for Recycling Grants

- ▶ **SWIFR Grants: Communities (Political Subdivisions) - \$58M (grants \$500,000 - \$5M) due 12/20 and \$20M for Tribes and Intertribal Consortia (\$100,000 - \$1.5M) due 3/14**

<https://www.epa.gov/infrastructure/solid-waste-infrastructure-recycling-grant-program>

- ▶ **2023 - 25 selected - over \$73M**

- ▶ **\$4M - Austin Reuse Warehouse - furniture, building materials & training**

[https://www.epa.gov/system/files/documents/2023-09/City\\_of\\_Austin\\_SWIFR.pdf](https://www.epa.gov/system/files/documents/2023-09/City_of_Austin_SWIFR.pdf)

- ▶ **\$4M - City of Seattle - salvaged wood warehouse**

[https://www.epa.gov/system/files/documents/2023-09/City\\_of\\_Seattle\\_SWIFR.pdf](https://www.epa.gov/system/files/documents/2023-09/City_of_Seattle_SWIFR.pdf)

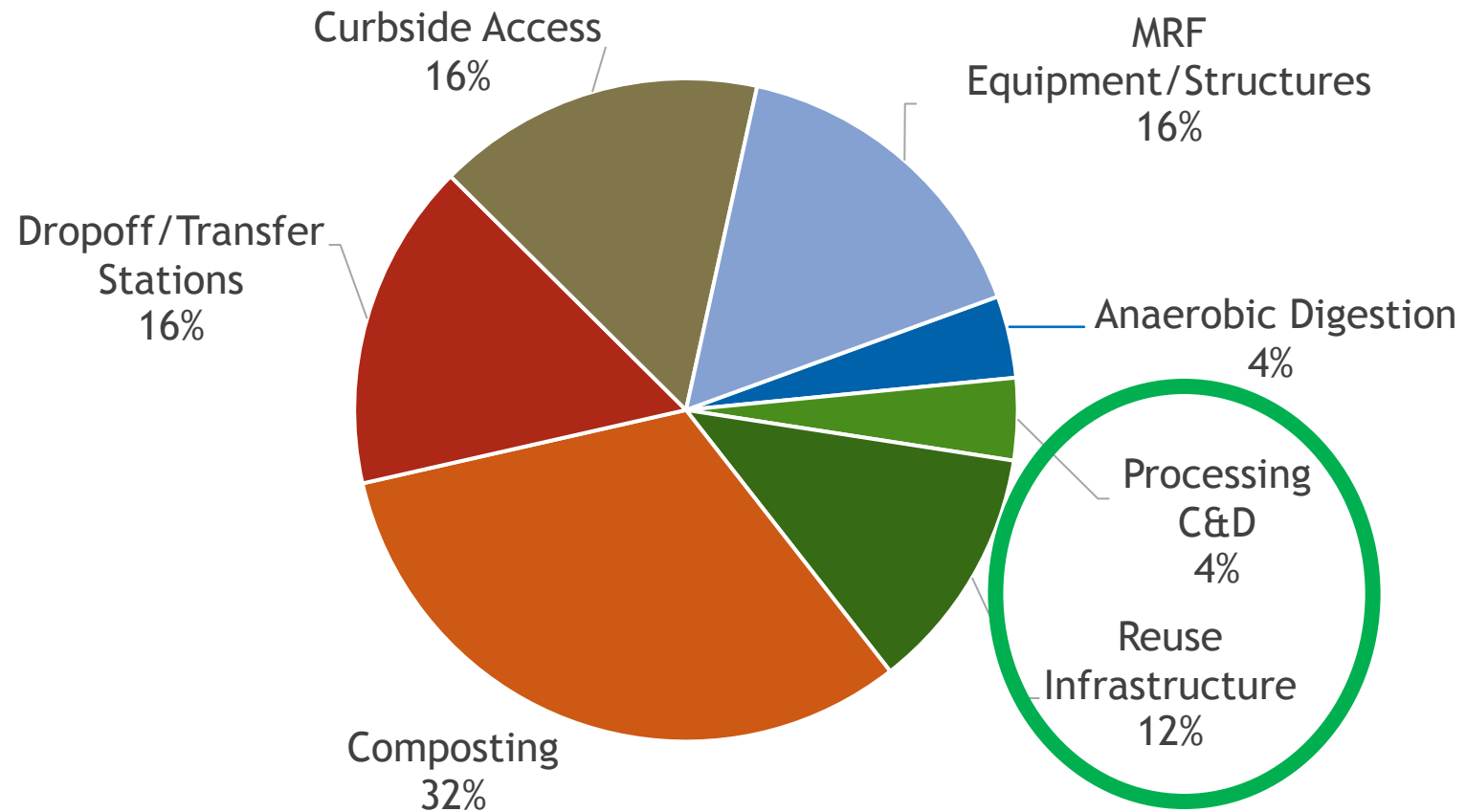
- ▶ **Many Eligible Activities, including:**

**Communities:** Development of and/or upgrades to **reuse infrastructure** (e.g., online reuse platforms, community repair spaces, technology and equipment to improve materials management reuse options, food donation, upcycling, staging areas for material reuse/donation, reuse warehouses, reuse centers, and electronic waste and computer recycling and refurbishing) ...

**Tribes:** Reuse centers

Activities to reduce, reuse and recycle building materials including **deconstruction** (dismantling buildings for reuse and recycling) and construction and demolition debris recycling equipment and projects

# SWIFR Communities: Round One Funded Projects



# EPA Low Embodied Carbon Construction Materials Grants (\$250 million)

To improve transparency and disclosure of embodied greenhouse gas (GHG) emissions data to facilitate procurement of lower embodied carbon construction materials and products

**Funding:** *Approximately \$30 million in funding supporting projects covering salvaged materials*

**Eligible:** Businesses, nonprofits, universities, states and territories, tribes

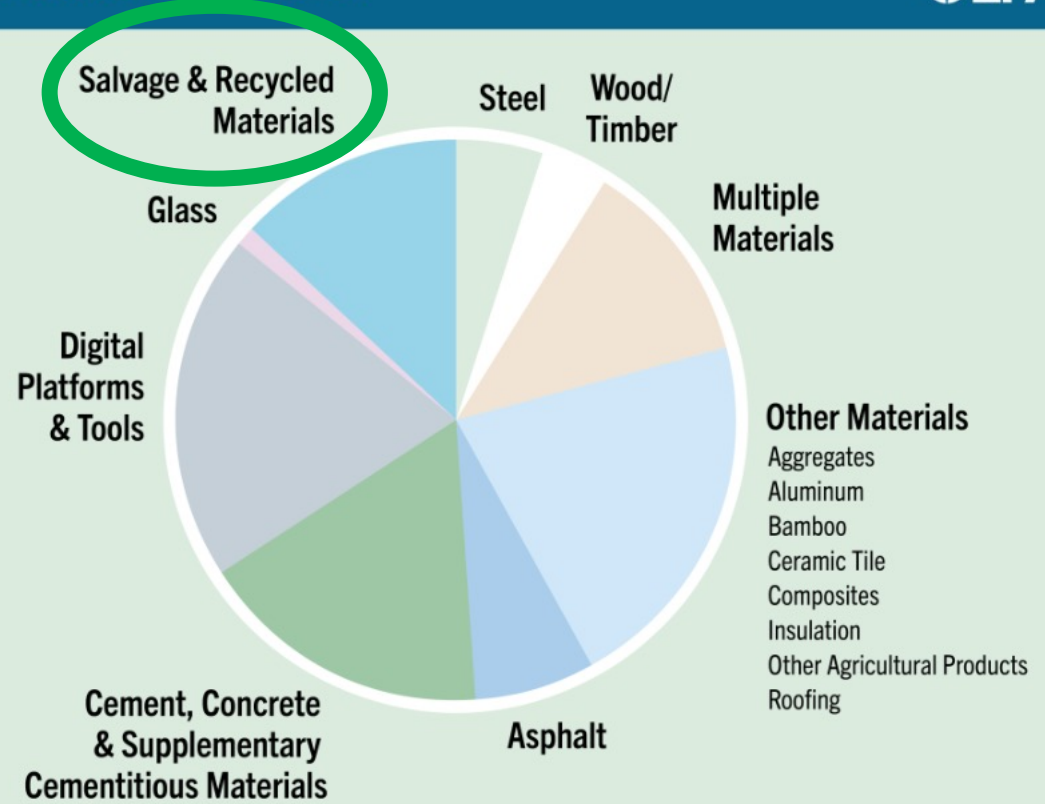
**Due:** Round one announced July 2024; Next round TBD


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**Open: Build Reuse** - Grantee seeking building material reuse centers to receive **subaward funding** to conduct reuse climate impact research

For more information contact: [materialreuse@gmail.com](mailto:materialreuse@gmail.com)

## Material & Product Categories for Grant Selections

Reducing Embodied Greenhouse Gas Emissions for Construction Materials\*





*Thank you for your  
important work to  
scale up reuse!*

Oct. 24, 2024 (10-12 PT)

Next Bay Area  
Deconstruction Workgroup  
Meeting

*Reuse Funding*

<https://www.stopwaste.org/BADWG>

Contact Timonie Hood at [hood.timonie@epa.gov](mailto:hood.timonie@epa.gov)  
to be added to the invite list