













Predecessors:

Trash Into Plowshares (T.I.P.S.), Huntsville, Texas.

PhoenixCommotion.com

<u>Initial Grant Funding, 2007 = \$150,000</u>



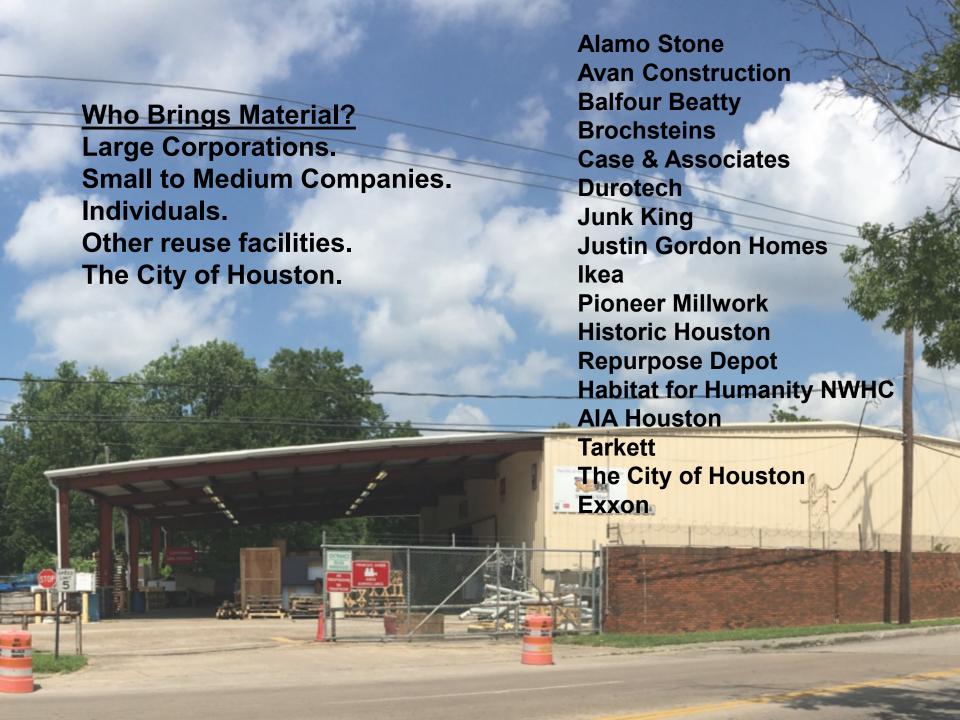
Bulk Material Equipment Grant Funding, 2020 = \$45,000











Who Takes Material?

501(c)(3) Non-Profit Organizations. Schools & Universities.

Government Agencies. (800 groups)



Small religious organizations Community development corps. Home repair organizations Schools and universities **Organizations for the homeless** Performing and visual arts **Urban food producers Organizations for women** Maker spaces **Veterans organizations Disaster relief organizations** Federal, state, and local gov'ts. **Historic preservation Animal shelters Neighborhood organizations** & many more.

We Accept:

Lumber, Plywood, Trim, Cabinets, Some Furniture



















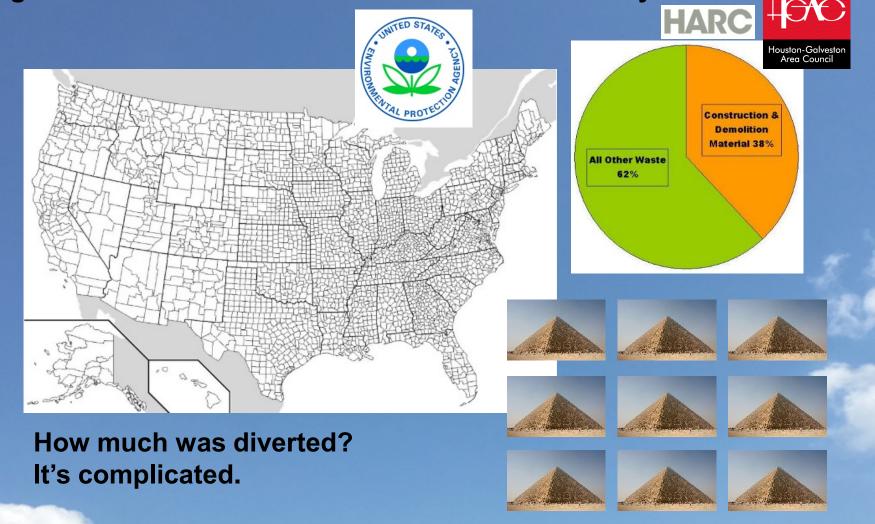
We don't accept:

- Rotten Wood.
- Paint & Solvents.
- Hazardous Materials.
- Energy Wasting Appliances.
- Water Wasting Fixtures.
- Partial Assemblies.

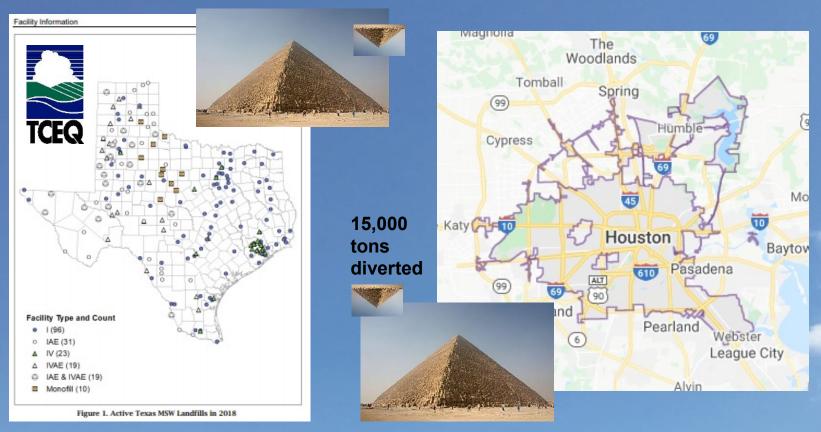
Unit of measure: The Great Pyramid of Giza, 65 million tons.



570 million tons of construction and demolition debris were generated in the United States in 2017 = 9 Great Pyramids.

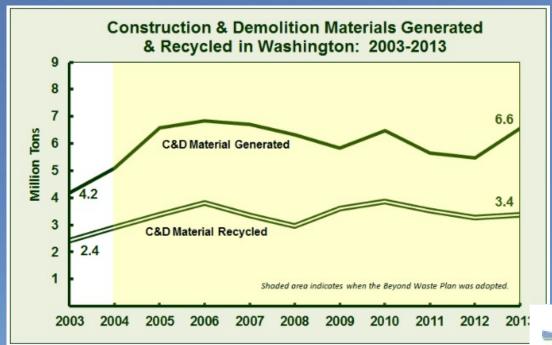


- 8.6 million tons of construction and demolition debris were generated in Texas in 2018 = 1 Great Pyramid every 7.5 years.
- .5 million tons were diverted = 6% tracked diversion rate.
- 34 lbs. of C&D material diverted per person.



Houston generates 250,000 tons of C&D waste annually = 1 Great Pyramid every 25 years.

6.6 million tons of construction and demolition debris were generated in Washington State in 2013 = 1 Great Pyramid every 10 years.
3.4 million tons were diverted = 51% tracked diversion rate.
877 lbs. of C&D material diverted per person.



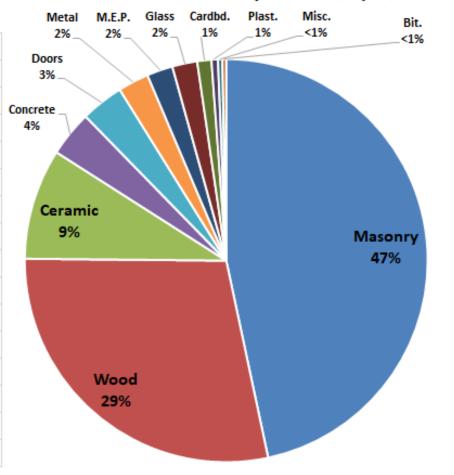




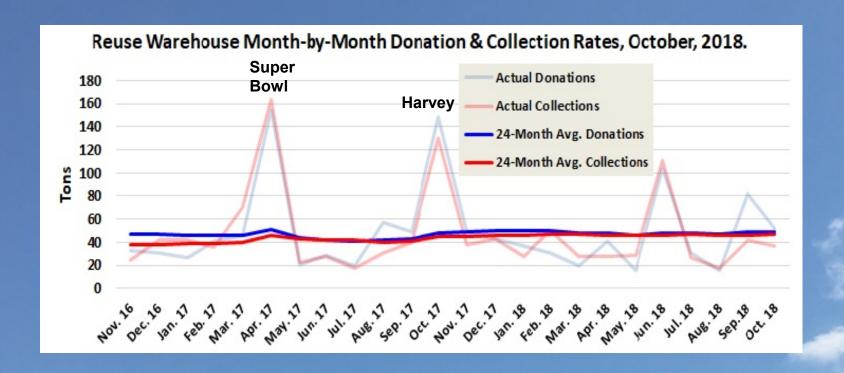


Reuse Warehouse Donations by Material, April, 2019

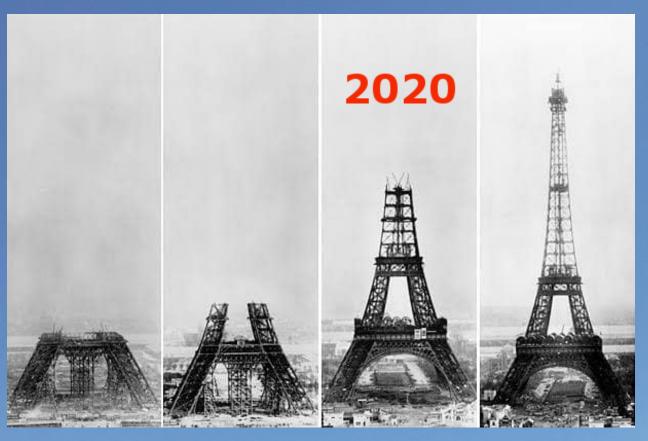
Lbs.	<u>Material</u>
264	Bitumen
7,797	Ceramic
3,207	Concrete
3,018	Doors
1,757	Glass
40,935	Masonry
2,168	Metal
308	Miscellaneous
1,825	M.E.P.
456	Plastic
0	Soil
24,988	Wood
1,000	Cardboard
87,723	Total Pounds
43.8	Tons



Donation to Collection Ratio: 99% Average Month: 45 tons



Landfill Diversion to Date: 5,400 tons. Eiffel Tower: 7,700 tons.



We are small but seek cultural and technical changes by getting involved in everything.

Advantages:



No pricing is needed. No funds are exchanged. Less security is required.

Little to no outreach is required on the demand side.

Processing is minimal.



Both pristine and imperfect materials are reused because

they are free.

Our staff is small and efficient.

Operating costs are low.



Advantages:

We compliment other reuse facilities by accepting and distributing their clearance materials.



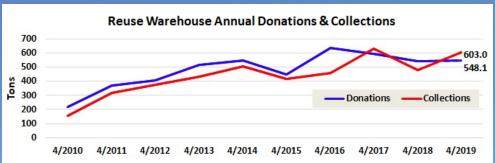


The leading donor to the Reuse Warehouse:



Challenges:





More time and effort is required to manage the demand side (Non-profit shoppers)

More outreach is required on the supply side (Donors). Less time and fewer resources are Available.

If we double our intake, shoppers double their efforts. The building never fills up.



Phased Landfill Disposal Bans 2012 - 2020

Seattle Municipal Code 21.36.089 prohibits the disposal of certain C&D materials in construction site disposal containers and the disposal areas of transfer stations and sets a schedule for banning them from disposal. SPU Director's Rule 405.3 Revision 4 (pdf) adopts a new implementation schedule for certain targeted items:

- Asphalt Paving, Bricks, and Concrete (2012)
- Metal (2014)
- Cardboard (2014)
- New Construction Gypsum Scrap (2014)
- Unpainted and Untreated Wood (January 2015)
- Carpet (July 2020)
- Plastic Film Wrap (July 2020)
- Tear-Off Asphalt Shingles (July 2020)

Challenges:

Enacting complimentary policies to meet diversion goals.



Resident

Business

Government

Departments

sizes will also have to meet the ordinance requirements.

Ordinance Requirements

Diversion Requirements

General contractors for Affected Projects must do at least one of the following:

- Divert from the landfill at least 50 percent of the construction project debris.
- Dispose no more than 2.5 pounds of material per square foot of floor area in the landfill.

There are several options for <u>hauling and processing</u> construction debris.

Reporting Requirements

When a general contractor requests a Final Building
Inspection for an Affected Project, the contractor must **report**how much construction debris was landfilled, reused or
recycled. Contractors failing to report are subject to a Class C
misdemeanor.

austintexas.gov





Successes: Oak Forest Library deconstruction

Transitional Housing Ecclesia Church, 2011.





Deconstruction



Super Bowl 51, 2017

Diverted:

160 tons of material.

3/4 million square feet of carpet.

5 miles of fence scrim.
"Best and most
complicated effort in 25
years."





Fine Arts Crates, a -0- to 100% diversion.



MFA H The Museum of Fine Arts, Houston

Fine Arts Crates, a -0- to 100% diversion.



Hurricane Harvey, 2017: non-profits sponsor individuals rebuilding their homes. 200 tons of new and reused material put into use.





TEXAS REUSE CONTEST

August 17 to October 20, 2020

DID YOU MAKE SOMETHING COOL FROM REUSED MATERIALS THIS YEAR?

Show off your reuse project for a chance to win a prize & bragging rights!

How to Enter

- Complete a reuse project in 2020. Projects will be scored on creativity & originality (10 pts), quality of the project (20 pts), and percentage of reused materials (30 pts).
- FREE TO ENTER! Submit online entry form by October 20 at bit.ly/3kTdoVh
- 3 Submit 2 high-resolution photos: 1 "before" photo and 1 "finished" photo.

Winners will be announced mid-January

Questions?

reusecouncilstar@gmail.com



Categories

- 1. Construction & Remodeling
- 2. Art, Fashion & Furniture

Prizes



Certificate of Achievement, bragging rights & seats to the next Reuse Tour



Certificate of Achievement





1st Place, 2016 National Reuse Contest, Nestor Topchy Habitable Interdisciplinary Visionary Environment (H.I.V.E.)



Hall of Fame:

Trojan Horse, Yolle Lemberger, Houston Festival Foundation, 2011.



Stage Set, Bay Area Ballet, 2013.



