



# Fort Hood Community



**2020** "Perfect Vision, Perfect Mission"

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**Fort Hood DPW Environmental  
Environmental Program Manager  
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**IMCOM**  
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# Net Zero Waste Strategy



**Goal:** Change culture at Fort Hood to achieve NZW

## Key Tasks:

- **Reduce** amount of solid waste generated
- **Re-purpose** whenever possible
- **Expand Recycle**; increase diversion rate
- **Use Waste to Energy** to eliminate remaining waste
- Identify alternative disposal methods
- Employ **aggressive strategic communications** campaign
- Utilize Net Zero Waste Workgroups and Annual Workshops



**End State:** Fort Hood Community has embraced NZW and is actively supporting the effort

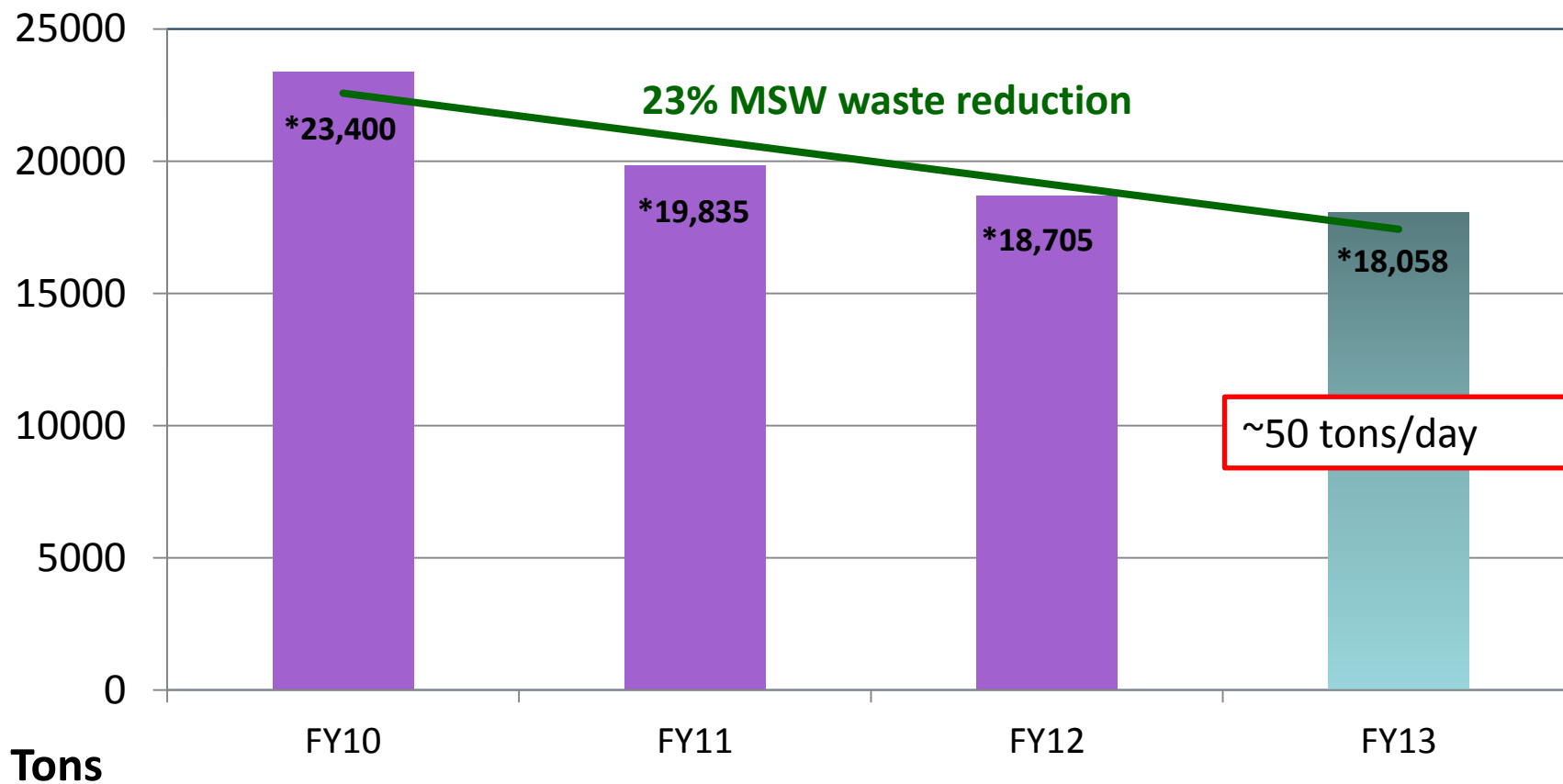


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# How Much Trash Goes into our Landfill?



*\* Does not include C&D*

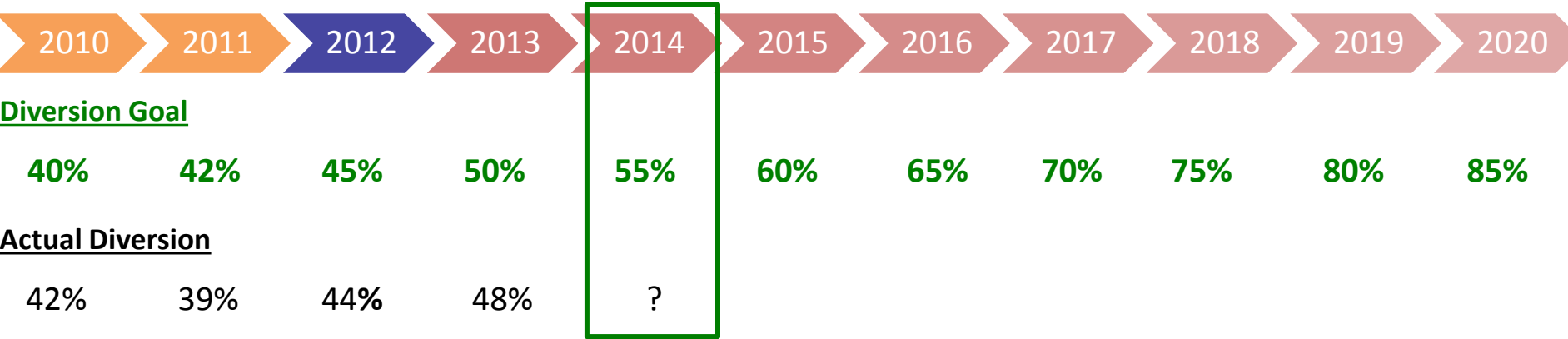


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# Net Zero Waste Diversion Glide Path



## Diversion efforts include

Recycling



Composting



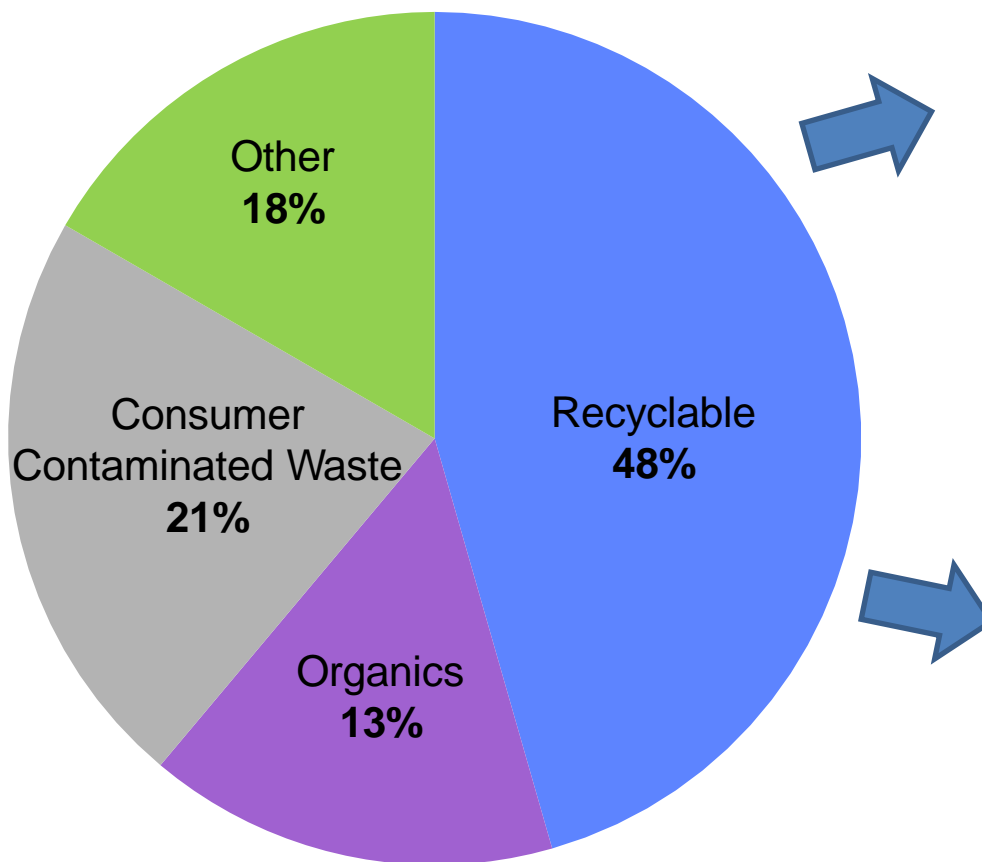
Reuse





# What goes into the Landfill?

Combined Residential & Commercial Waste in the Landfill by  
Weight from Material Flow Analysis Study



In FY13,  
**8,668** tons of  
recyclables in  
the landfill!



**\$1,036,240** could  
have gone back  
to Soldier Unit  
funds

We need all communities  
to recycle!

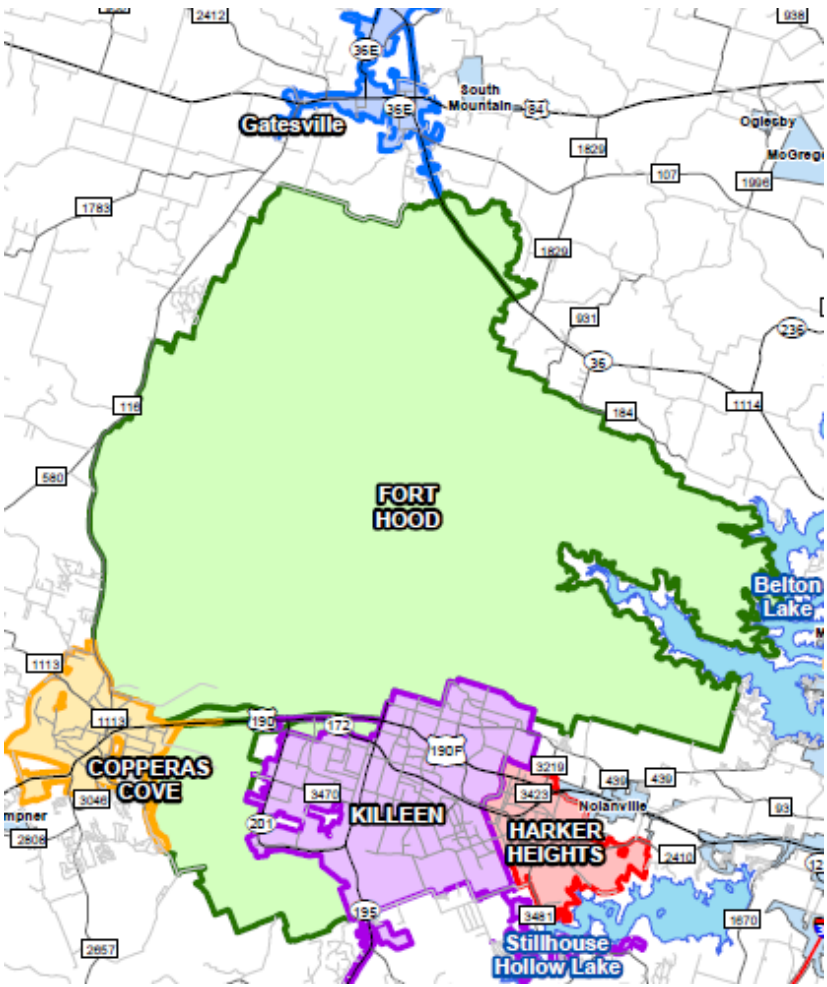
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Signed MOU at Earth Fest  
April 24, 2009



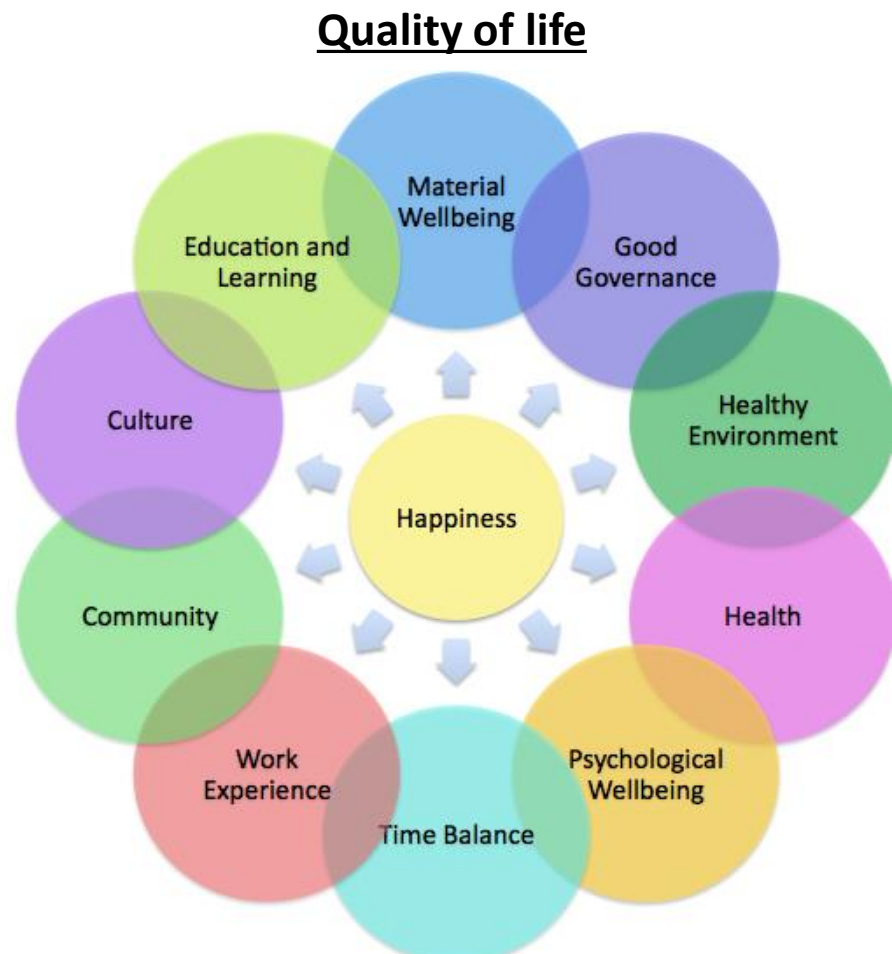
Regional Population ~ 300,000



# Partnership Members



- **Executive Committee**
  - Fort Hood Garrison Commande
  - Member Community City Manag
- **Staff Committee**
  - Fort Hood Civilian Staff
  - Member Community City Staff
- **Citizens Committee**
  - Residents from communities to work on outreach events



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# Project List



- **Curbside Regional Recycling**
- Hike and Bike Trails/ Community Parks
- Regional Renewable Energy
- **Green Business Initiative**
- **Sustainable Education Events for Residents**
- Develop Regional Ordinances for Sustainability



RECYCLING FEASIBILITY STUDY — Final Report



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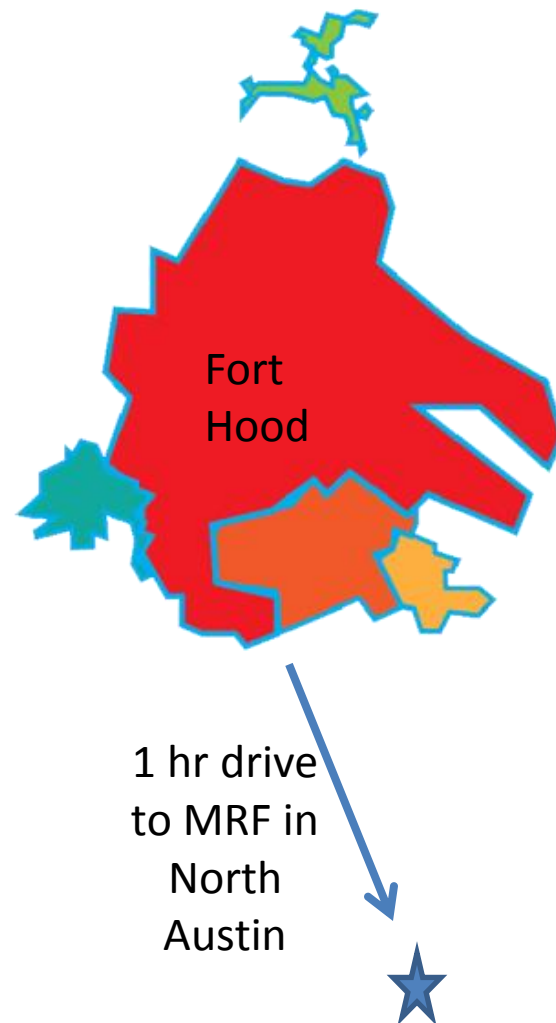




# Current Net Zero Success



- Copperas Cove and Fort Hood Family Housing single-stream recycling
- Killeen sent out a Request For Proposal
- Gatesville and Harker Heights drop-off locations deliver to Fort Hood
- Working on regional solutions for a local MRF to develop in the region



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# Partnership Lessons Learned



- Not always enough city personnel with the right expertise or spare time
- Too many objectives at once, and original expectations were too high
- A lot of time is spent on education and training (staff and residents)
- Need dedicated staff to work net zero objectives
- Need better accountability with formalized committees
- Need City Council approval and City Manager buy-in
- Has to be a popular demand from city residents for sustainability
- **City voters must demand change, which is done through education**



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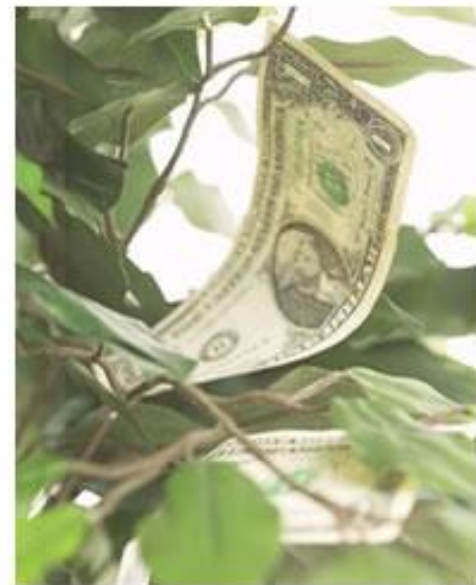
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# What the Cities Need



- Dedicated sustainability staff person at each city via grants or fellowship program
- Site Assistance Visits from EPA to prioritize strategies and share best practices
- Feasibility Studies to help crunch the numbers
- Sample Ordinance language for environmental or Net Zero efforts with associated economics
- Basic economic and environmental returns on environmental initiatives that are simple to use and easy to access to help sell ideas to city councils, city staff, and residents



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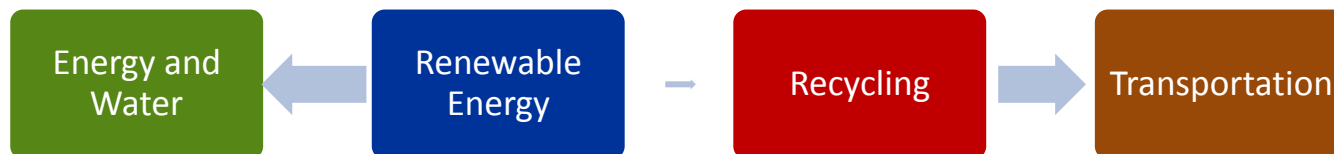


# Potential EPA Online Tool



**#1** City Enters in => Number of households (with density) and population

**#2** Choose a category



**#3** Single Stream Curbside Recycling



**#4**



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# Questions/Discussion





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