



# Jobs in Zero Waste (there's a lot of them!)

Global Alliance for Incinerator Alternatives  
[no-burn.org](http://no-burn.org)

John Ribeiro-Broomhead  
john.rb@alumni.stanford.edu



Greenland  
Iceland  
**gaia**

**gaia**

United States  
**gaia**

Mexico  
**gaia**

**gaia**  
**gaia**  
**gaia**

Venezuela  
**gaia**  
**gaia**

Colombia  
**gaia**  
**gaia**

Brazil  
**gaia**  
**gaia**

Peru  
**gaia**  
**gaia**

Chile  
**gaia**  
**gaia**

Argentina  
**gaia**  
**gaia**

Finland  
Sweden  
Norway

United Kingdom  
**gaia**

Germany  
**gaia**

Spain  
**gaia**

France  
**gaia**

Italy  
**gaia**

Algeria  
**gaia**

Mali  
**gaia**

Niger  
**gaia**

Libya  
**gaia**

Chad  
**gaia**

Sudan  
**gaia**

Poland  
**gaia**

Czech Republic  
**gaia**

Slovakia  
**gaia**

Austria  
**gaia**

Hungary  
**gaia**

Croatia  
**gaia**

Slovenia  
**gaia**

Ukraine  
**gaia**

Russia  
**gaia**

Kazakhstan  
**gaia**

Turkey  
**gaia**

Egypt  
**gaia**

Saudi Arabia  
**gaia**

Iran  
**gaia**

Afghanistan  
**gaia**

Pakistan  
**gaia**

India  
**gaia**

China  
**gaia**

South Korea  
**gaia**

Iraq  
**gaia**

Iran  
**gaia**

Afghanistan  
**gaia**

Pakistan  
**gaia**

India  
**gaia**

China  
**gaia**

South Korea  
**gaia**

Japan  
**gaia**

Thailand  
**gaia**

Indonesia  
**gaia**

Saudi Arabia  
**gaia**

Iran  
**gaia**

Afghanistan  
**gaia**

Pakistan  
**gaia**

India  
**gaia**

China  
**gaia**

South Korea  
**gaia**

Japan  
**gaia**

Thailand  
**gaia**

Indonesia  
**gaia**

Papua New Guinea  
**gaia**

Australia  
**gaia**

New Zealand  
**gaia**

South Pacific Ocean

North Atlantic Ocean

South Atlantic Ocean

Indian Ocean

## REDESIGN, REDUCE, REUSE\*

*\*The limited data available on the job creation potential of the strategies in the top tier of the hierarchy suggest that the magnitude of job growth potential from this sector could be significant.*

### REPAIR

404 jobs

RECYCLE  
115 jobs

REMANUFACTURE  
55 jobs

COMPOST  
7 jobs

LANDFILL OR  
INCINERATE

2  
jobs



[zerowasteworld.org/zerowastejobs](https://zerowasteworld.org/zerowastejobs)

#Beyond Recovery

## REDESIGN, REDUCE, REUSE\*

*\*The limited data available on the job creation potential of the strategies in the top tier of the hierarchy suggest that the magnitude of job growth potential from this sector could be significant.*

### REPAIR

404 jobs

### RECYCLE

115 jobs

### REMANUFACTURE

55 jobs

### COMPOST

7 jobs

LANDFILL OR  
INCINERATE

2  
jobs



[zerowasteworld.org/zerowastejobs](http://zerowasteworld.org/zerowastejobs)

**#Beyond Recovery**

## REDESIGN, REDUCE, REUSE\*

*\*The limited data available on the job creation potential of the strategies in the top tier of the hierarchy suggest that the magnitude of job growth potential from this sector could be significant.*

### REPAIR

404 jobs

### RECYCLE

115 jobs



### REMANUFACTURE

55 jobs



### COMPOST

7 jobs



LANDFILL OR  
INCINERATE

2  
jobs

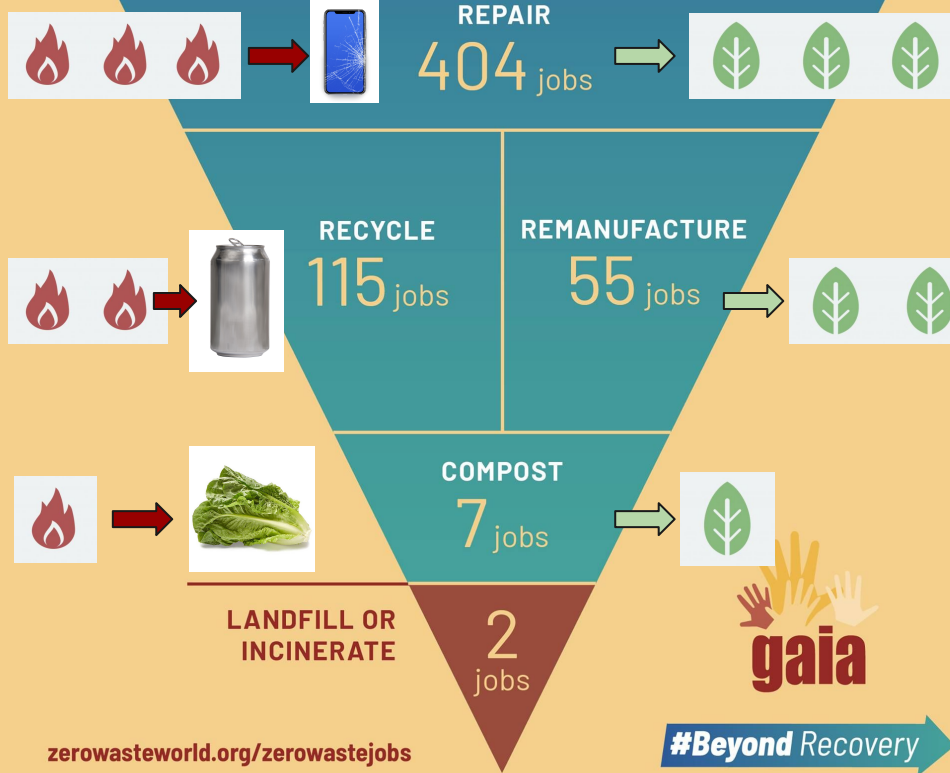


[zerowasteworld.org/zerowastejobs](http://zerowasteworld.org/zerowastejobs)

#Beyond Recovery

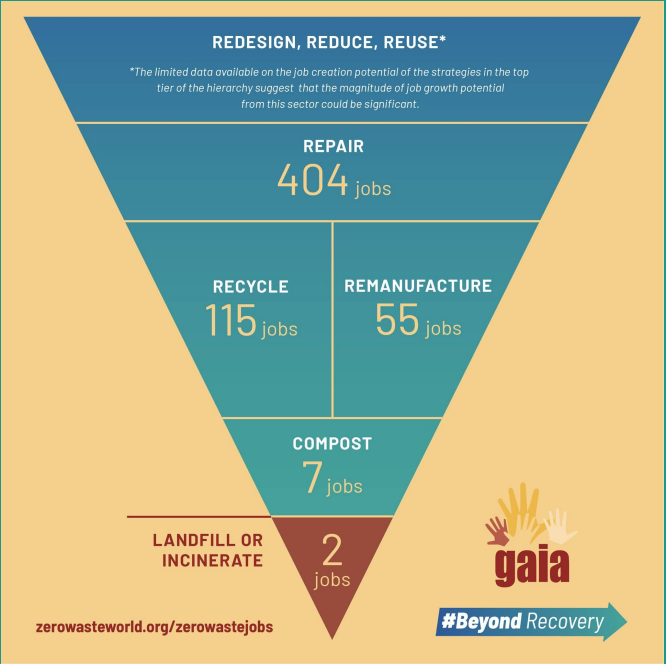
## REDESIGN, REDUCE, REUSE\*

*\*The limited data available on the job creation potential of the strategies in the top tier of the hierarchy suggest that the magnitude of job growth potential from this sector could be significant.*



# Jobs/10,000 tons per year

Compost plant example:  
30 jobs / 20,000 tons per year  
= 15 jobs/10,000 tons per year

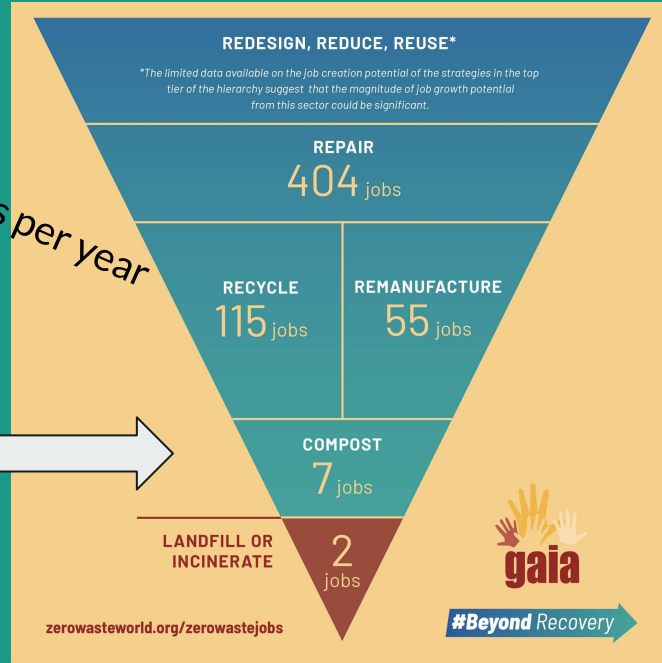
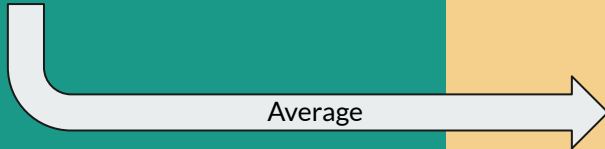


# Jobs/10,000 tons per year

10 jobs / 20,000 tons per year  
= 5 jobs/10,000 tons per year

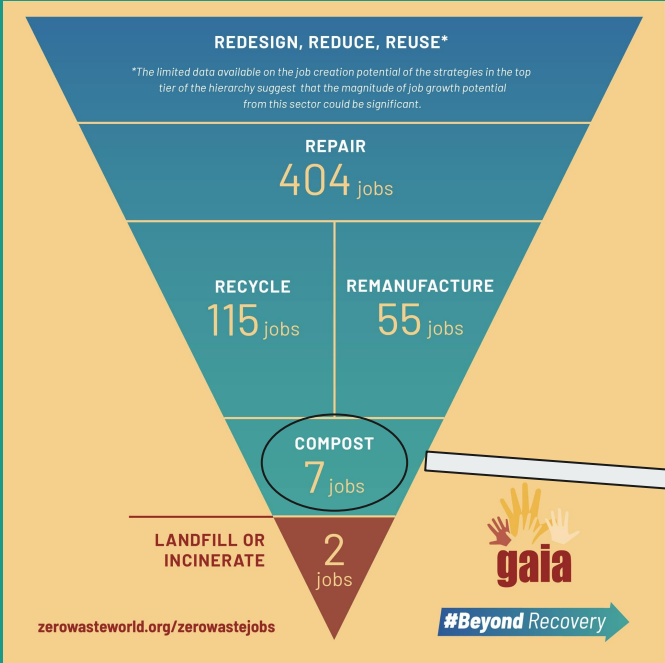
1 job / 10,000 tons per year

30 jobs / 20,000 tons per year  
= 15 jobs/10,000 tons per year



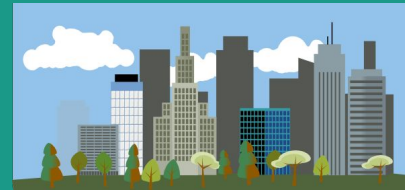
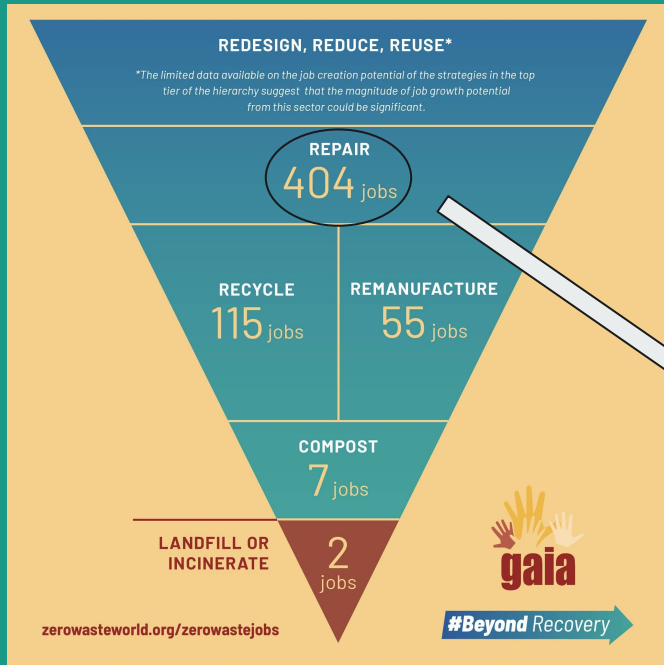


# Jobs/10,000 tons per year

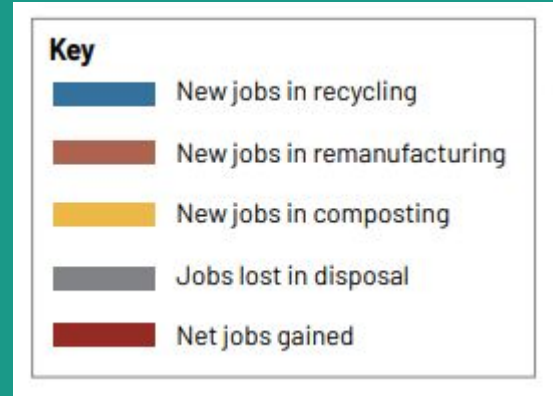
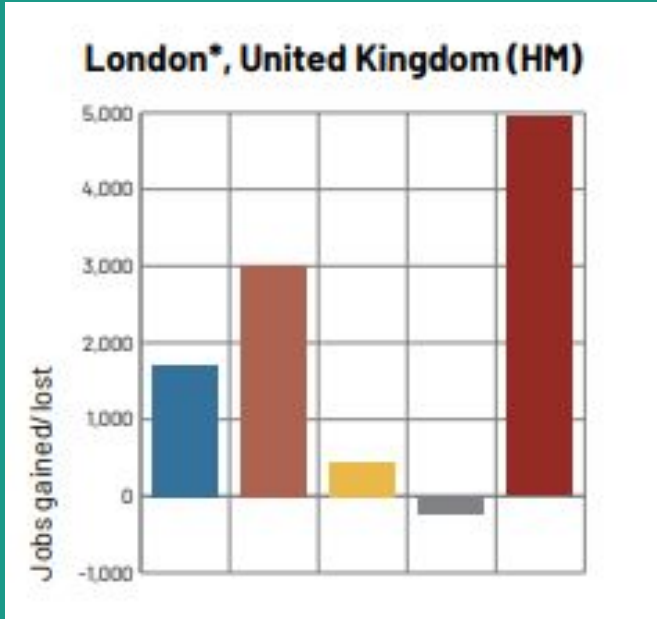


$7 \text{ jobs/10,000 tons} * 200,000 \text{ tons} = 140 \text{ jobs in composting}$

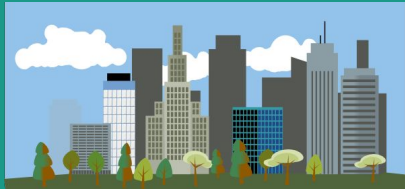
# Jobs/10,000 tons per year



$$404 \text{ jobs/10,000 tons} * 200,000 \text{ tons} = \underline{8080 \text{ jobs in repair}}$$

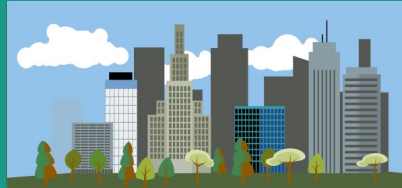


With 80% recycling and composting



??? tons





City government  
Waste companies  
Universities

# Thank you!

GAIA website: [no-burn.org](http://no-burn.org)

Report: [zerowasteworld.org/zerowastejobs](http://zerowasteworld.org/zerowastejobs)

Contact: [john.rb@alumni.stanford.edu](mailto:john.rb@alumni.stanford.edu)

## REDESIGN, REDUCE, REUSE\*

*\*The limited data available on the job creation potential of the strategies in the top tier of the hierarchy suggest that the magnitude of job growth potential from this sector could be significant.*

Averages only!

REPAIR  
404 jobs

RECYCLE  
115 jobs

REMANUFACTURE  
55 jobs

COMPOST  
7 jobs

LANDFILL OR  
INCINERATE

2 jobs



[zerowasteworld.org/zerowastejobs](http://zerowasteworld.org/zerowastejobs)

#Beyond Recovery