

# Waste to resource: Rethinking Demolition

*Demolition, selective deconstruction, and repositioning buildings as urban carbon reservoirs.*

**37% of global energy-related CO<sub>2</sub> emissions**

2.)

**up to 50% of total lifecycle emissions in new**

Demolition debris accounts for over **600**  
times municipal solid waste.

**Demolition Cycle**



measured

egrated into carbon accounting

*onization Tool?*

between demolition and deep retrofit?

structural reuse viable?

construction scale economically?

incentives shift the equation?







tion and new build, this is an exemplary lesson in  
and ingenuity to transform neglected parts  
es." (Amanda Levete)













