

# RECLAIM — DETROIT —

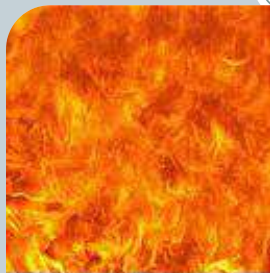


## Deconstruction in Detroit

### Sustainability & Green Buildings



**Energy**



**Air  
&  
Health**



**Materials  
&  
Waste**



**Water**



## The Great Law - The 7<sup>th</sup> Generation

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

— Jayashankar Prasad  
(World Commission on Environment & Development  
(United Nations, 1983))

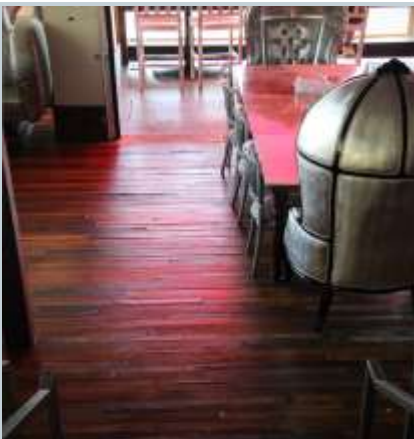
## the triple bottom line



Deconstruction is economically and environmentally superior to demolition, the current industry practice in the city of Detroit.



Deconstruction provides a way for Detroit's heritage to live on and build strong economic activity



**Deconstructing 7000 abandoned structures would create \$458,500,000 in economic activity.**

Of 70,000+ abandoned homes, 10% would be ideal candidates for some level of deconstruction



**Not all of the 70,000 homes are viable deconstruction candidates. Ideal candidates have not been fire damaged or suffered prolonged exposure to the elements.**

## Workforce Development



- Deconstruction creates 6 jobs for every 1 standard demolition job
- The average deconstruction worker starts at \$12.00 per hour
- Last year, Reclaim Detroit paid out over \$425,000 in wages to Detroiters

Currently, there are 27 jobs for every 100 Detroiters



**BY DECONSTRUCTING 7000 STRUCTURES, RECLAIM DETROIT WOULD CREATE POSITIONS FOR 300 CREW MEMBERS, 50 CREW SUPERVISORS AND 150 MATERIAL HANDLERS**

## Environmentally Sensitive



- Reclaim Detroit saved over 1,300 tons of materials from landfills last year alone
- One deconstructed home reduces air pollution equivalent to removing 12.5 cars removed from the road for a year

## Green Economy



- 5,600,000 tons of material reclaimed from 7000 houses.
- Salvaging 60% for reuse could cycle 672,000,000 pounds of materials back into the economy.
- Over 49,000,000 board feet of old growth timber saved from the landfill.



## Material Reuse



- A minimum of 60% of deconstructed homes are salvaged for reuse
- Every home deconstructed puts \$65,500 back into the local economy
- Entrepreneurs/artists reimagine creative ways for materials to find their way back into the community, further helping to grow Detroit's creative class.

## Deconstruction Training

- Work readiness training and academic remediation (as needed) – based on Earn and Learn program design.
- Multiple levels based on aptitude and experience, including training for contractors, new entrants, etc.
- Living stipend for students in longer training.
- Leads to certification that *exceeds* national standards.

