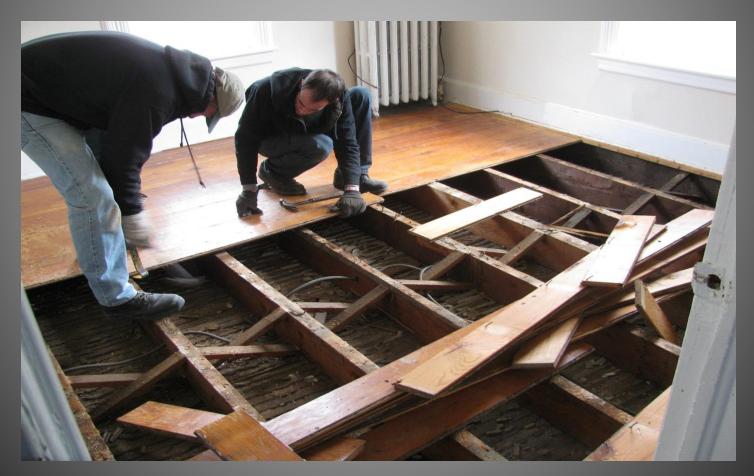
Deconstruction: (A) Developing Industry and Community in Connecticut



What is Deconstruction ?

EPA defines "deconstruction" as the disassembly of buildings to safely and efficiently maximize the reuse and recycling of their materials. The process of dismantling structures is an ancient activity that has been revived by the growing field of sustainable, green building.

Deconstruction is commonly separated into two categories; "non-structural" and "structural".

•Non-structural deconstruction, also known as "softstripping", "hand demo" or "cherry picking", consists of reclaiming non-structural components including appliances, doors, windows, and finish or trim materials.

•Structural deconstruction involves dismantling the structural components of a building; removing the entire building down to or including the foundation.

Easy and Wasteful Approach to Removing a Building



What's Wrong with this picture?



1929, 14M Teardown



If building deconstruction were fully integrated into the demolition industry, at least 100,000 jobs could be created in this sector.

(<u>Deconstruction-</u>
 <u>Overview-</u>
 <u>Baldwin.pdf</u>)



A huge amount of materials

In 2013, CT generated about 1,041,643 Tons of C&D debris <u>Deconstruction-Overview-Baldwin.pdf</u>



Opportunities & Limitations



Deconstruction

Source Reduction #Create Jobs #Local Quality Materials #Community Partnerships #Training & Education #Eliminate Waste

Deconstruction Training

Job Training, Barn Deconstruction with Greater Bridgeport Community Enterprises

AWK GPODOT COM

Deconstruction Training



Kroop said, "It's a great opportunity to do something good for the environment and keep people employed." Without deconstruction, the building materials from the homes would end up in the landfill. http://www.newhallinfo.org/html-cleanup/deconstruction.html

Hamden HEDC, CTDEP, Department of Labor, Gateway Community College, Urbanminers, Llc

Assignment: Salvage 10 multi-family houses in 10 days. We need a better system.





Soft Strip Subsidized by Owner

65 doors & 3,000 sq ft of flooring

MI

Deconstruction enables other salvage





- Deconstruction as an alternative to demolition
- Combine with training and community involvement
- Sustainable business practices for all aspects
 Keep it local
- Economic, Environmental & Social success !