

Deconstruction Dave



Circular Construction: Where the Built Environment and Circular Economy Intersect

I'm building UP an industry that takes DOWN buildings...

- Deconstruction Contractor – thousands of job sites including homes, restaurants, sheds, hospitals, garages, schools, etc....
- Store owner – 21,000 square foot retail space selling an array of residential and commercial materials
- Consultant – Helped out in 44 States, 5 Provinces and 12 Countries
- Workforce Development – 1000+ jobs created and 98 Circular Businesses



236 Circular Businesses/ 95 Start-ups

- What is working in workforce development?
- What is not working?
- What can be improved?
- How can we lower the 'entry fee' and involve all people groups?
- How can we grow the circular economy?
- What can we learn from the linear economy?

Reuse Innovation Center

Process:

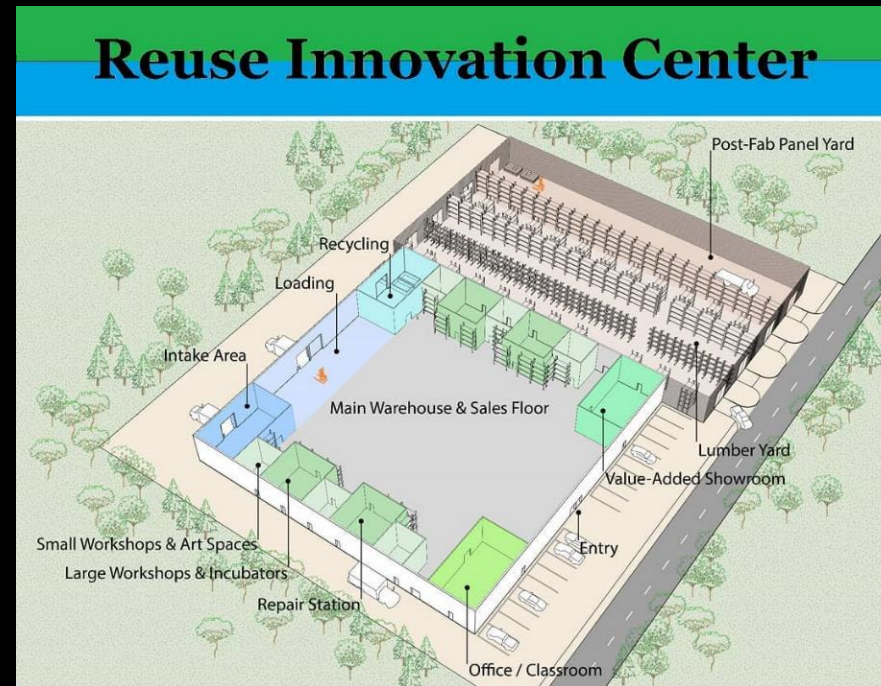
Collect used wood

Transport to RIC

Remanufactured

Placed in Showroom

Trainees involved in every step



Benefits:

20x more jobs

Job training—8 jobs in 1

90% Landfill Diversion

Diversity Achieved

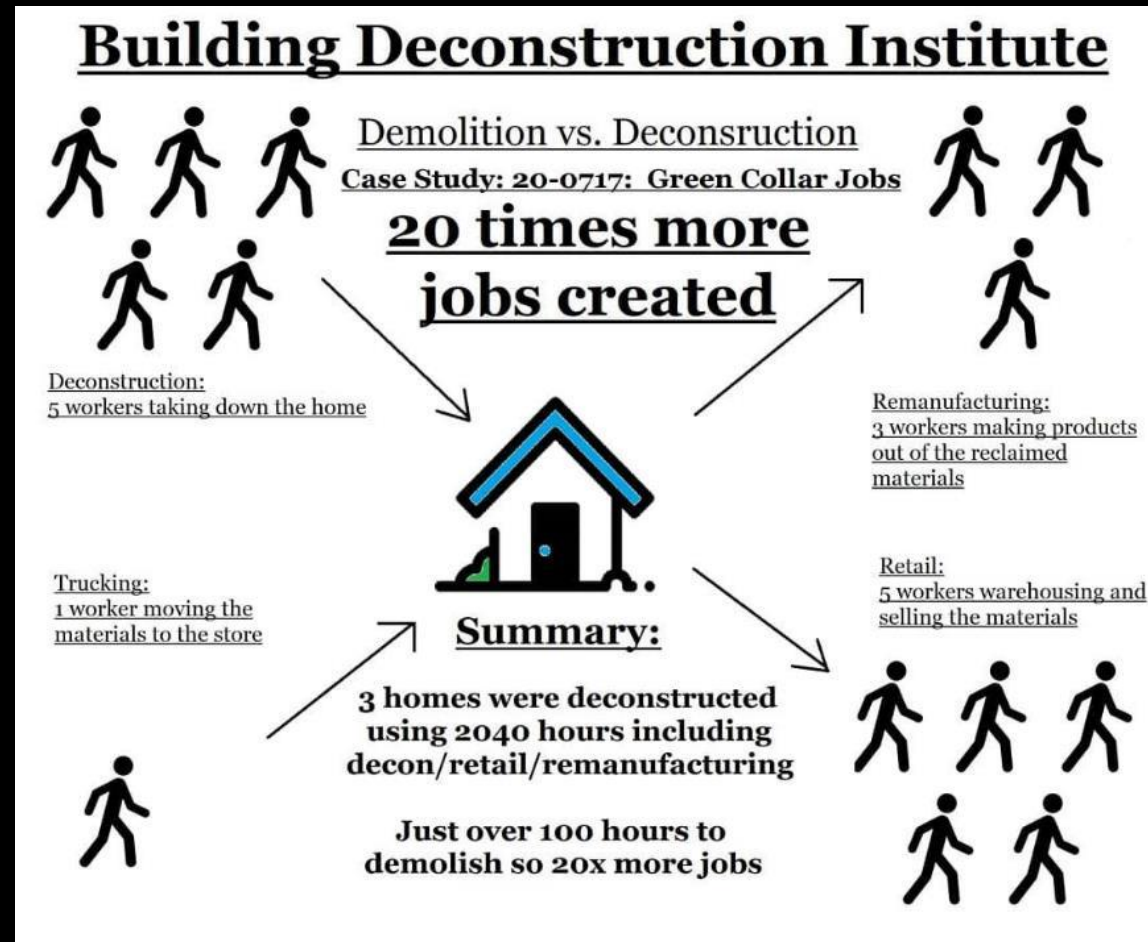
Affordable materials

Reuse Innovation Center

- Green collar jobs / job training
- Deconstruction/construction,
- Re-manufacturing businesses
- Logistics, warehousing, repair, marketing, sales
- Historic preservation, job training, cleaner building removal, environmental protection....



Summary - 20 x More Jobs



Getting lives back
on track

Spotlight:
Calvin

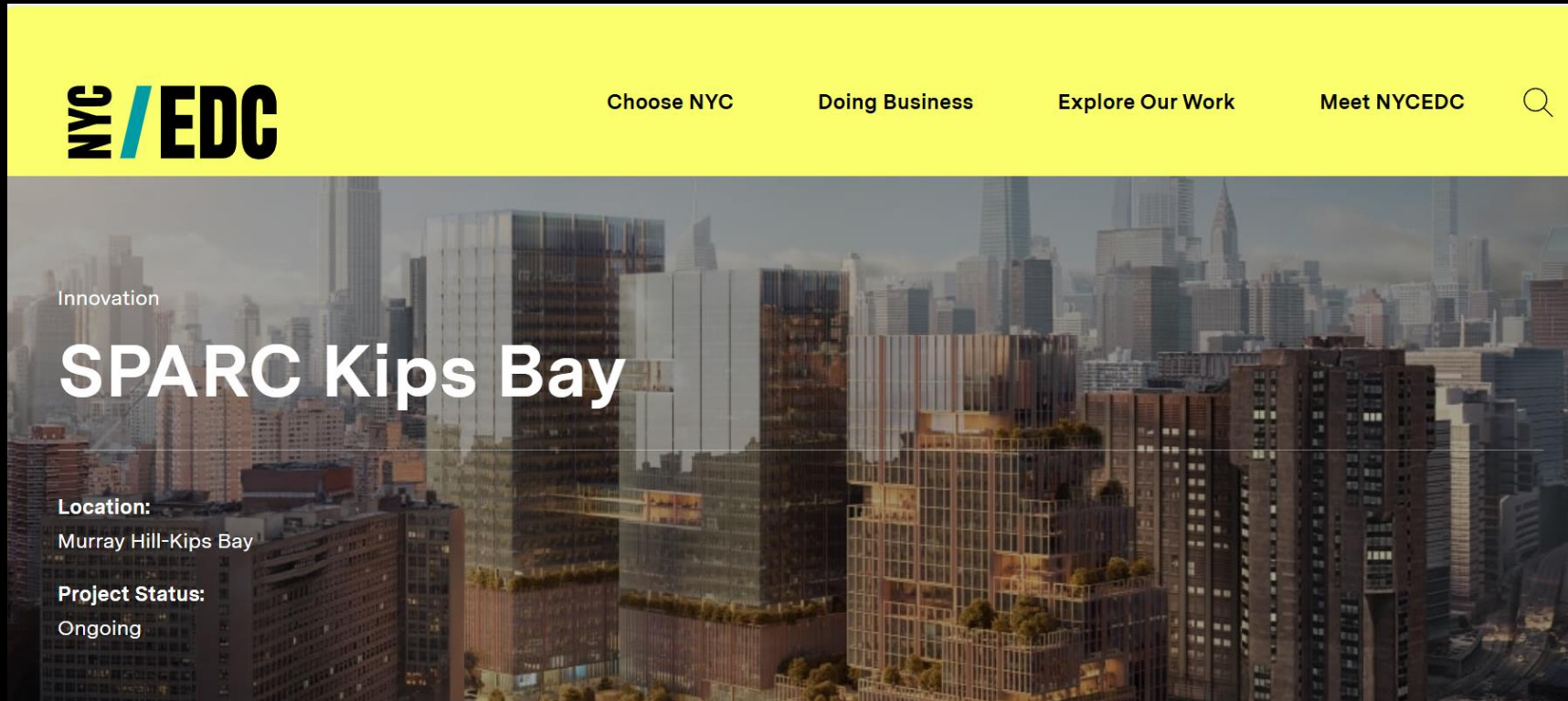
Question:
Why was he
wearing safety
gear home on the
bus?



Portland Decon Ordinance

- Historic preservation
- Health and safety
- Affordable materials
- Environmental benefits
- Training and public involvement in the process
- Lake Oswego

NYC's Flagship Circular Construction Project: \$2.1 billion SPARC Kip's Bay – historic preservation and more



This project will involve:

Hundreds of Green-Collar Jobs---Workforce development (400,000 job goal)

Reuse-Repair-Recycling-Remanufacturing

Owner-reuse (existing materials incorporated into new buildings)