





#### **Lean Principles for Building Reuse**

BMRA Webinar March 25, 2019

Brion Hurley and Matt Horvat (Lean Portland) Kelly Stevens (The Rebuilding Center)



#### **Lean Portland**

#### Mission:

#### Help people make work better

#### 2018 summary:

- 25 educational and networking events
- 2 new social media channels maintained (YouTube and Podcasts)
- 1,000 people impacted
- 250 volunteer hours donated
- \$840 dollars in profit







#### What is Lean?

- Term used to describe Toyota Production System (TPS)
- MIT study mission (1991) to study TPS to understand automaker success
- Key focus is to engage employees with respect in identifying and solving problems at the work area (gemba), not just being more productive
- Work smarter and more flexible to grow, NOT work harder with fewer people
- The ultimate goal is to maximize customer value by minimizing waste between the processes, then free up resources to add more value to customer
- Processes must operate as a system (team), not dept or individual successes

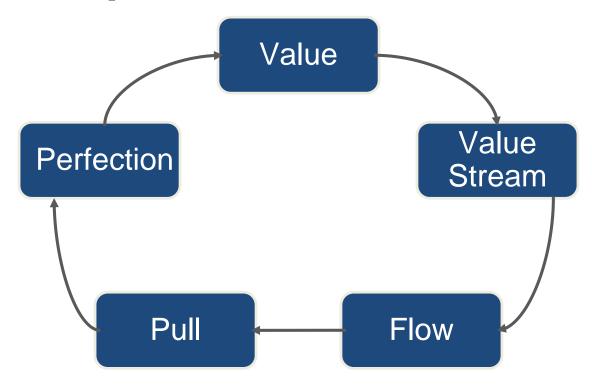


#### Benefits of Lean to You

- Employee and volunteer engagement
- Faster time getting donation through facility
- Smaller square footage
- Less inventory
- Less wasted time
- Less errors and mistakes
- Problems become more visible
- Flexible workers to handle demands
- Reduced expenses and costs
- Increased value and satisfaction to customers and stakeholders



# **Lean Principles**



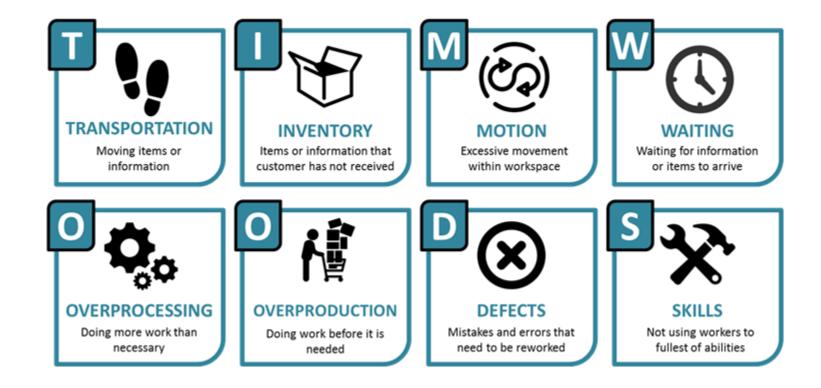


### Value Stream





#### Have you seen TIM WOODS?





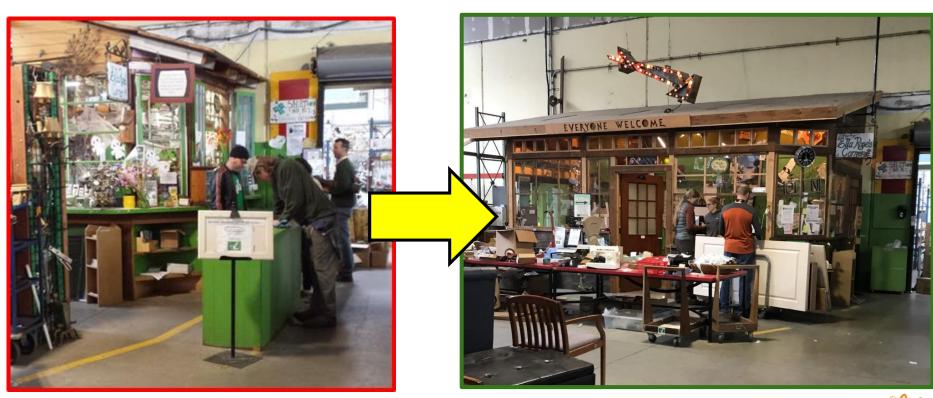
**Overproduction (eWaste)** 







#### **Checkout Area**





#### **Main Entrance**





#### **Main Entrance**



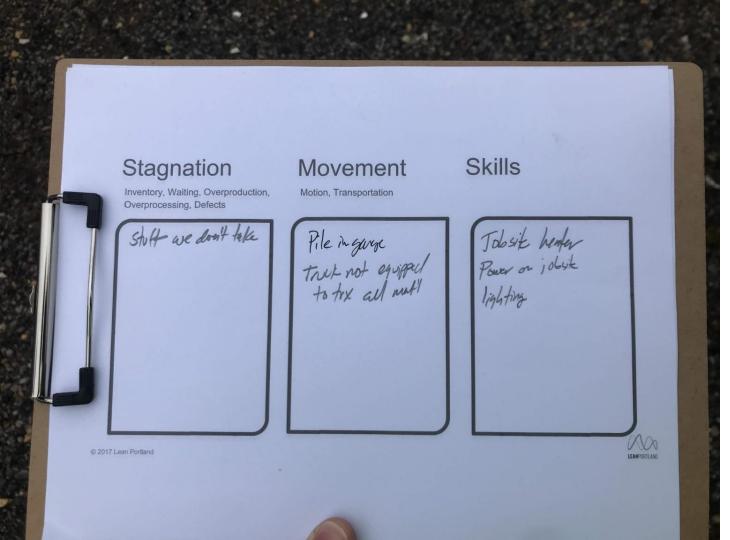


# Wastes at a Decon site

**Matt Horvat** 







Do a Waste Walk!



#### Safety Stations & Organization!







#### Shopping reclaimed material



















# Principles of Improvement at Rebuilding Center

Work within existing constraints

Do projects that staff support

Don't do everything needed

Do things with permanence

## Questions/Comments?

Thank you!

Contact Brion and Matt at LeanPortland.com Contact Kelly and Chris at RebuildingCenter.org

