

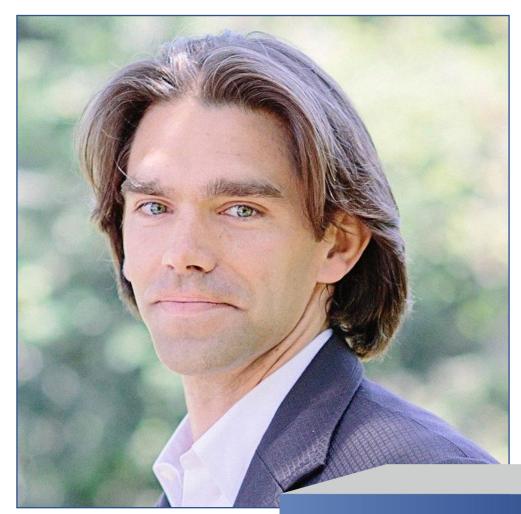
LEAN GUMBO: THE RIGHT INGREDIENTS FOR PROJECT SUCCESS











ANDREAS PHELPS
Founder and CEO
The Collective Potential





Transformation:

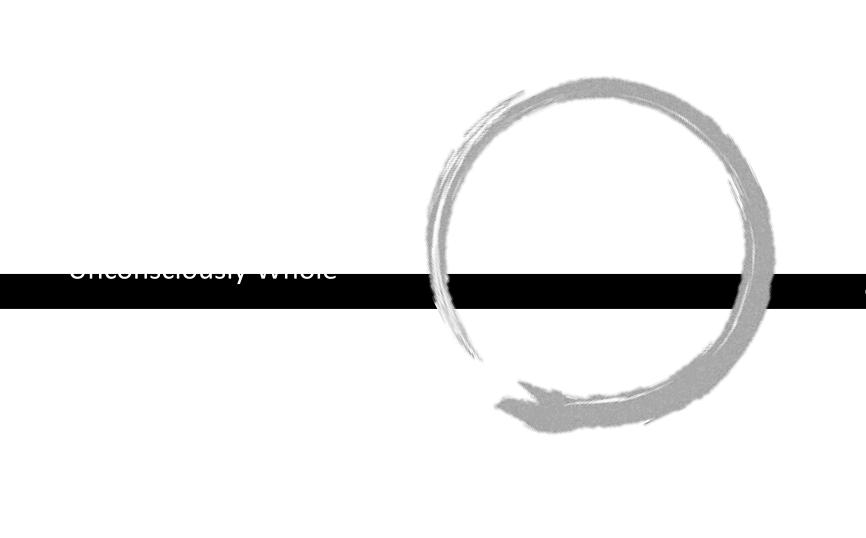
The Nature of Work



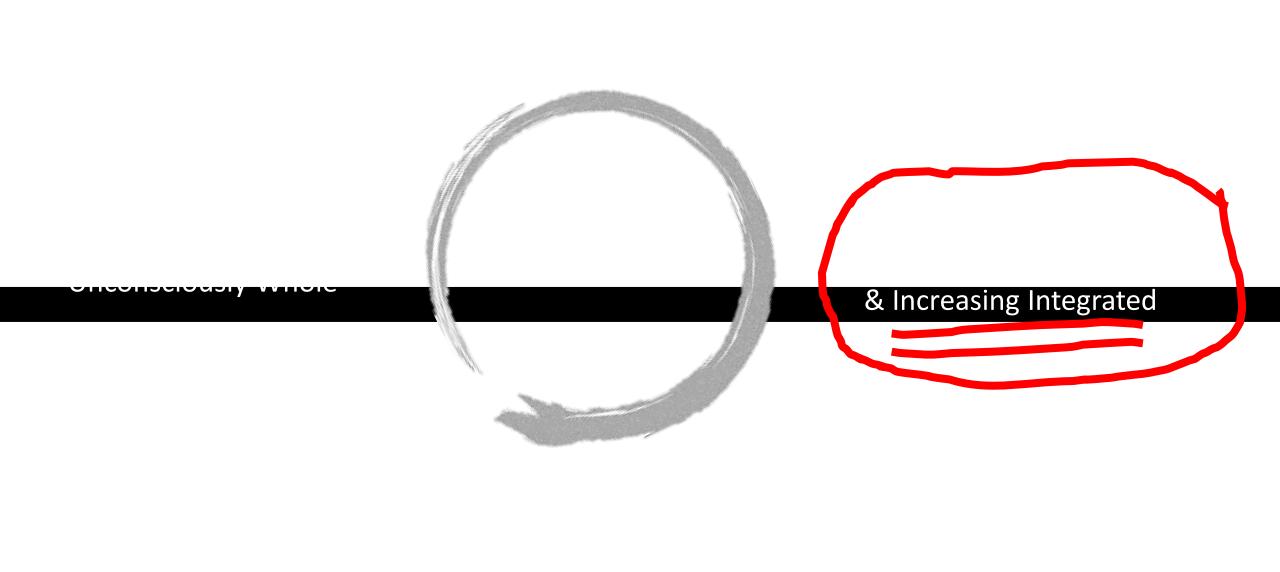








& Increasing Integrated





Crisis = Invitation to Transformation





Safe streets

• Built-in quality • Set-based design • Dashboards

- Target Value Design
- Last Planner
- Offsite production
- Value stream mapping
- Built-in quality

- Agile development
- Kanban boards
- Going to Gemba
- A3s
- Set-based design

- Poka-yoke (mistake-proofing)
- Cross-functional teams
- Co-Location
- IPD contracts
- Dashboards























1. Sort

• Eliminate obstacles or unnecessary items

2. Set in Order

- Arrange necessary items so that they can easily be selected,
- First-in-first out, think about work flow
- Place components according to their uses and frequency

This takes discipline

3. Shine/Sweep

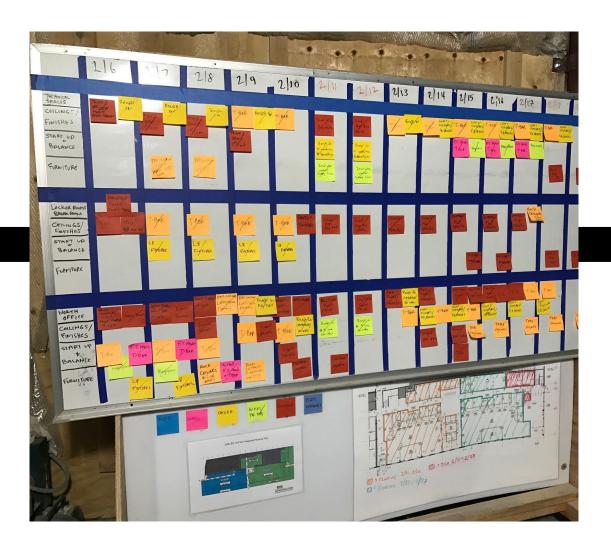
Regularly clean/organize your area

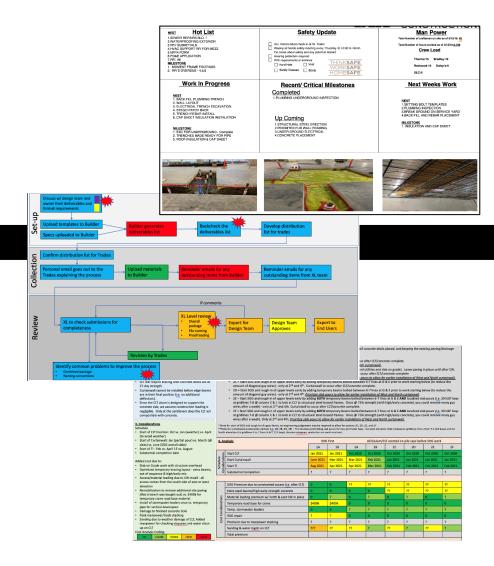
4. Standardize

- Establish procedures to ensure consistency of the first three "S's",
- Develop work structures, schedules, visual management controls, color coding, etc. that reinforces your use of space

5. Sustain

- "Do without being told"
- Training and discipline, regular audits, continuous improvement

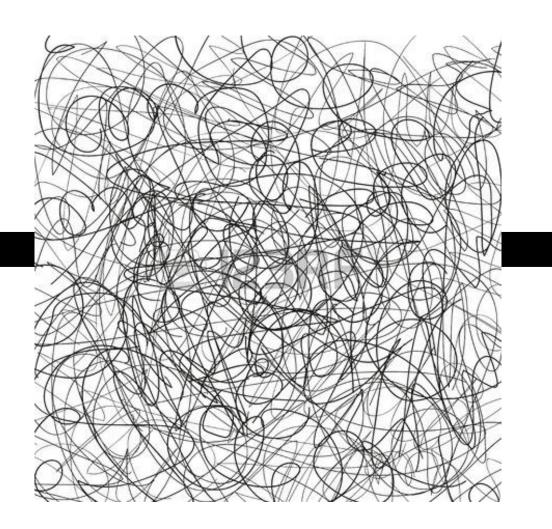


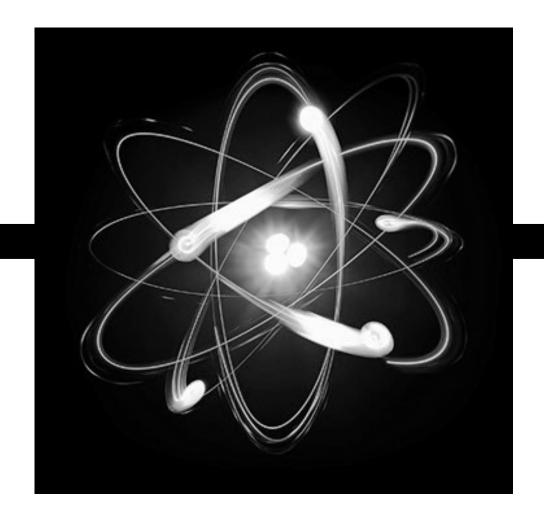




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Lean Construction Institute
Transforming Design and Construction





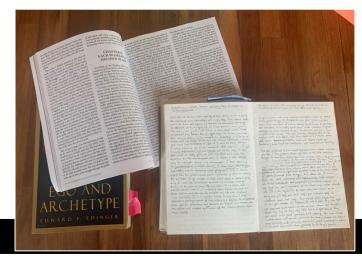










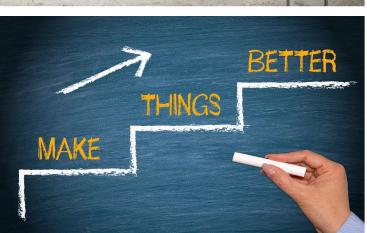




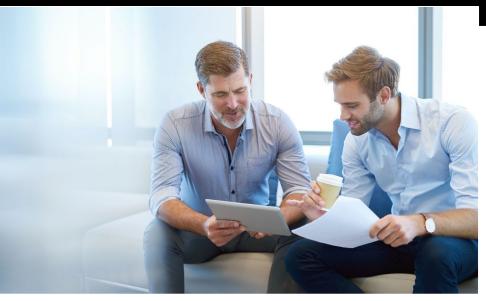












Learning from others





16 gal Waste & 32 gal recycling per week

(83% reduction)
(78% reduction)
(100% reduction)
(100% reduction)
(90% reduction)
(50% reduction)





Lessons Learned

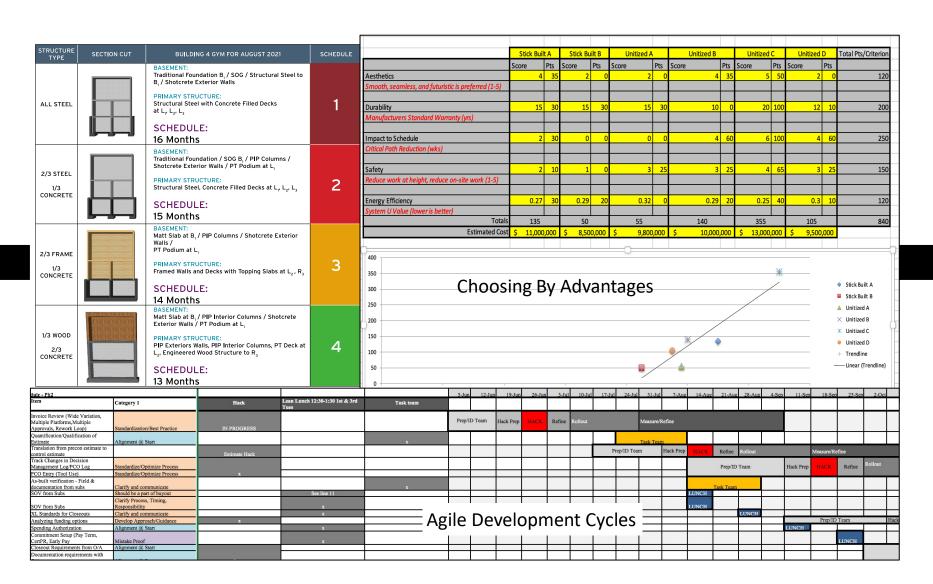
- Watch the weather
- Big loads are best in the early afternoon
- Decentralized mini-grids
- Real metric = Getting to 100% by sundown







Dollars vs. value per dollar









Intent + Awareness + Pressure = Transformation

What kind of relationships do I wish to have



Intent + + Pressure = Transformation



Intent + Awareness +

= Transformation

whatever is left is truly valuable.



2 Vears Later



The Lean Champion

Persistence + Humility

Loneliness + Faith

Urgency + Equanimity







