

24TH ANNUAL



24TH LCI CONGRESS
OCTOBER 18-21

Food belongs in silos, not data

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LEAN GUMBO: THE RIGHT INGREDIENTS FOR PROJECT SUCCESS

October 20, 2022

Problem Statement

- Volume of information
 - Variety of information sources
 - Plethora of tools for data management
-
- Information I need now is lost in the noise
 - Data conflicts translate to field conflicts
 - App fatigue



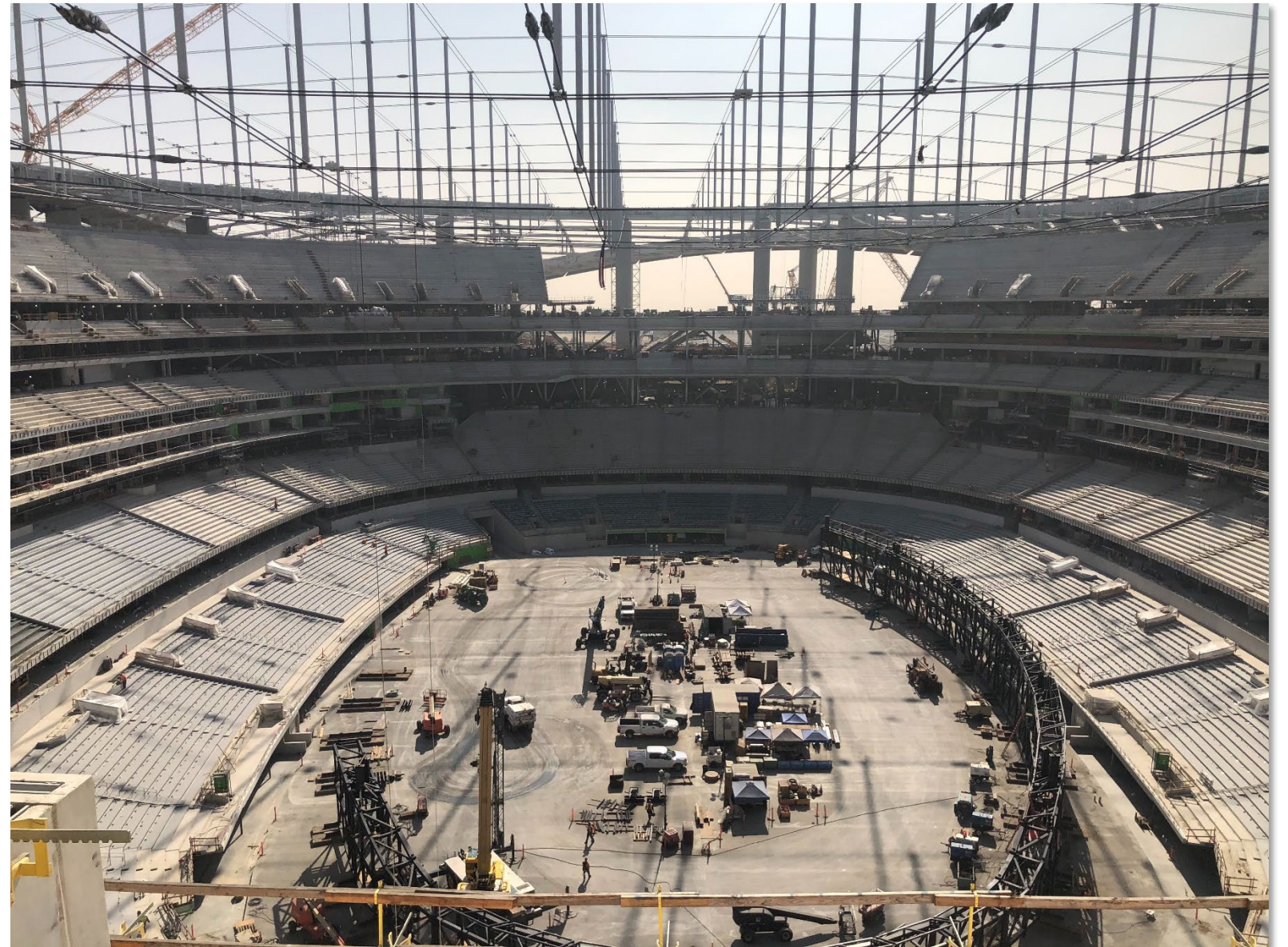
SIX TENETS OF LEAN CONSTRUCTION

- 1 Respect for People
- 2 Optimize the Whole
- 3 Generate Value
- 4 Eliminate Waste
- 5 Focus on Flow
- 6 Continuous Improvement



Learning Objectives

- Efficient **outcomes**
- Improve **transparency**
- Faster **decisions**
- Extend **BIM**



New Stanford Adult Hospital

- Started 2013, completed 2019
- 1.2MM sf
- LEED Gold
- Level 1 Trauma Center
- 368 private rooms
- 20 operating suites

Tech Stack

- Plangrid
- Proliance
- Inertia: Inspections, Punch List
- vPlanner Last planner



Lakeview Elementary School

- Historic school first completed in 1916
- 95,000 sf renovation
- 5 prior renovations since first opening
- Community involvement
- Completed 2022

Tech Stack

- Procore
- Navisworks
- Inertia
- Assemble
- Viewpoint
- Sitedocs
- Newforma
- Revit



Project Challenges

- Stanford:
 - Lack of visibility
 - Attempt at connecting platforms
 - Just In Time design
- Lakeview Elementary
 - Different platforms for different teams
 - BIM in the field
 - Historical aspect



Key Success

- Stanford:
 - BIM connectivity
 - Object driven inspection workflows
 - Last planner pull planning
 - T&M payment system
- Lakeview Elementary
 - Procore as a base
 - 2d BIM in the field



Lessons Learned

- Stanford:
 - Connecting data stores earlier
 - Utilizing BIM in the field
- Lakeview Elementary
 - Employing 2d BIM workflows earlier
 - Increase object based checklists
 - Pilot Newforma Procore connection



How can you apply this tomorrow?

Stanford Hospital:

- *Connect Inertia to vPlanner*
- *Implement uniform trade payment system*

Lakeview Elementary:

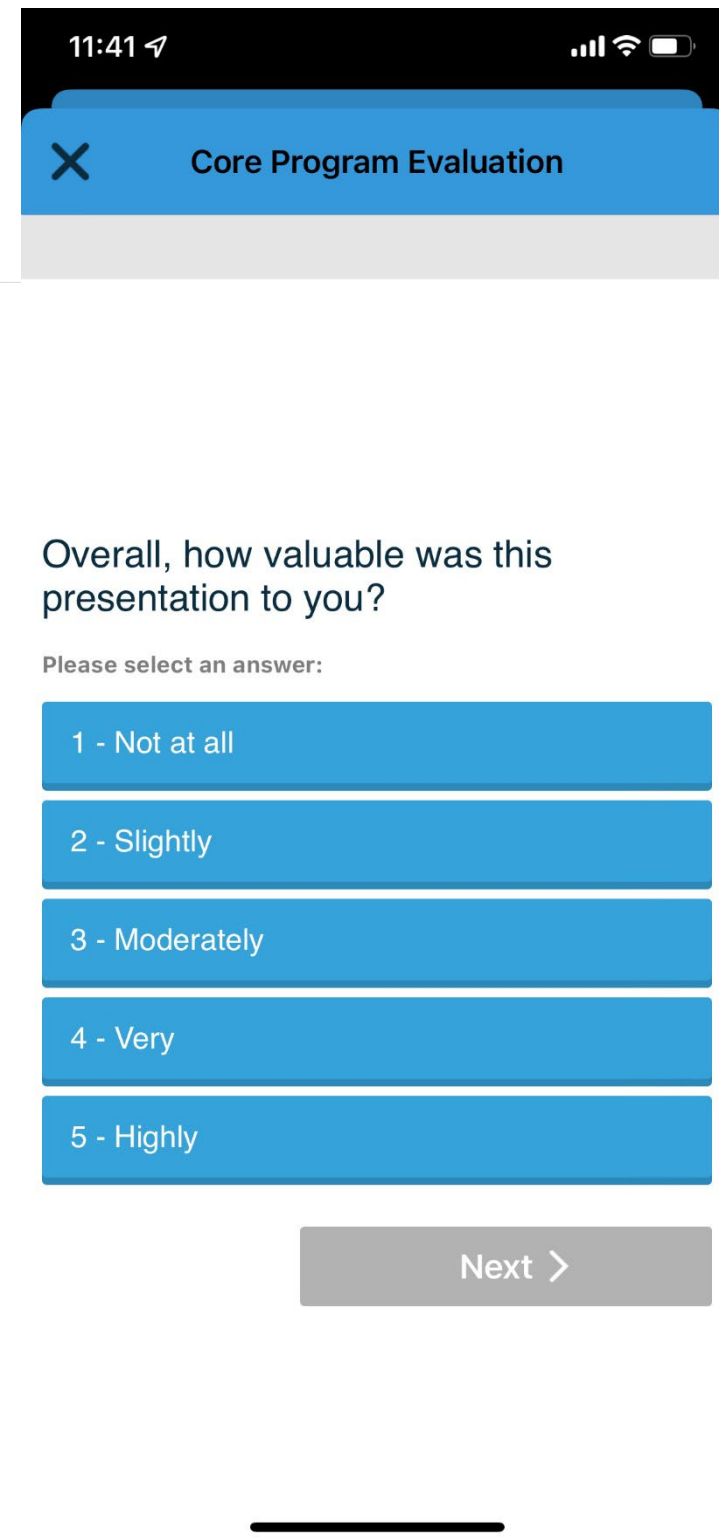
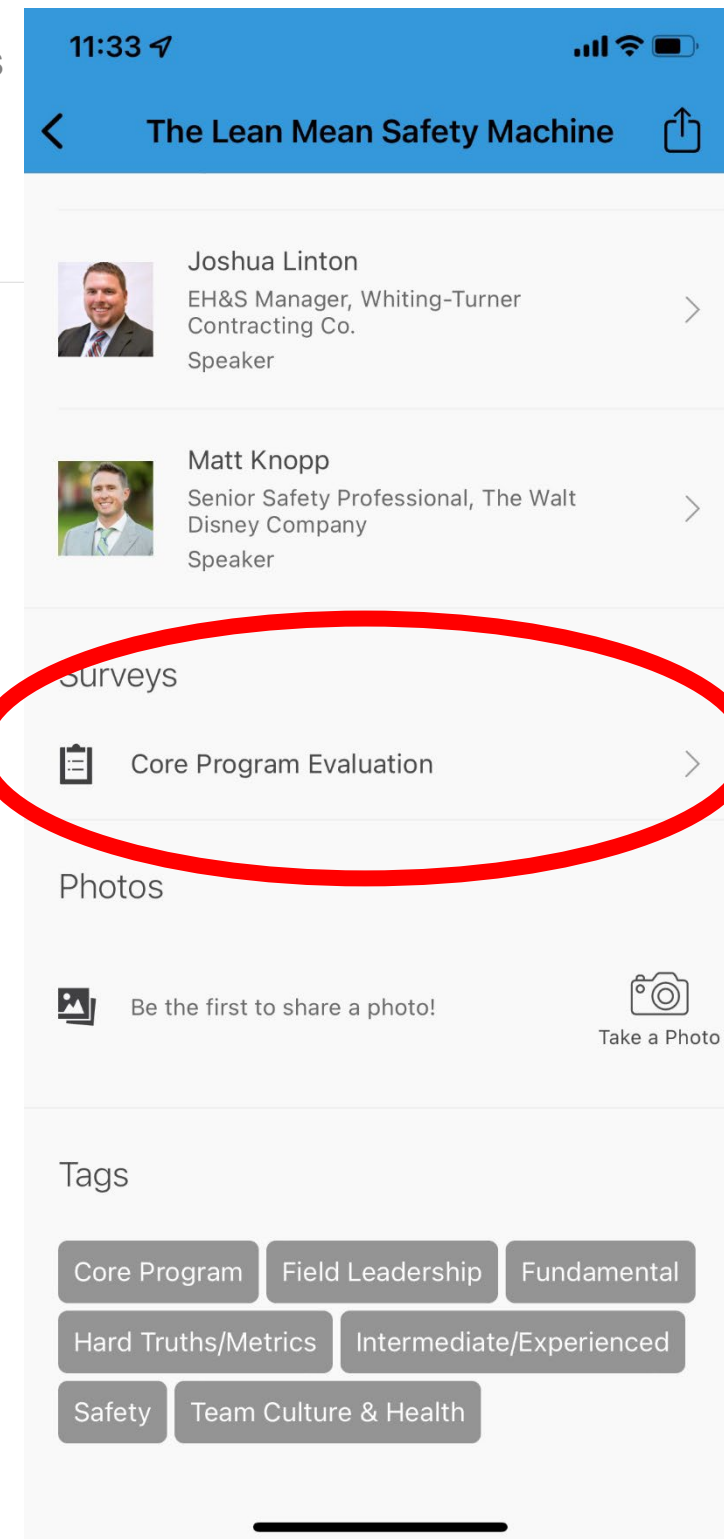
- *Look for new solutions*
- *Expect hiccups, learn from them*

Rate Presentations in the App

Continuous improvement: give presenters your feedback by taking the session evaluation!

1. Find the session under “schedule”
2. Click on it then scroll down
3. Click “core program evaluation”
4. Complete the 5-question evaluation

This information will determine the top 5 presentation teams and the top Live Lab





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In the spirit of continuous improvement, we would like to remind you to complete this session's survey! We look forward to receiving your feedback.



Contact Us

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Come see us at lunch!



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Thank you for attending this presentation. Enjoy the rest of the 24th Annual LCI Congress!

