

24TH ANNUAL



24TH LCI CONGRESS
OCTOBER 18-21

State of Lean in our Industry

Bevan Mace, Board of Directors

LEAN GUMBO: THE RIGHT INGREDIENTS FOR PROJECT SUCCESS

October 20, 2022



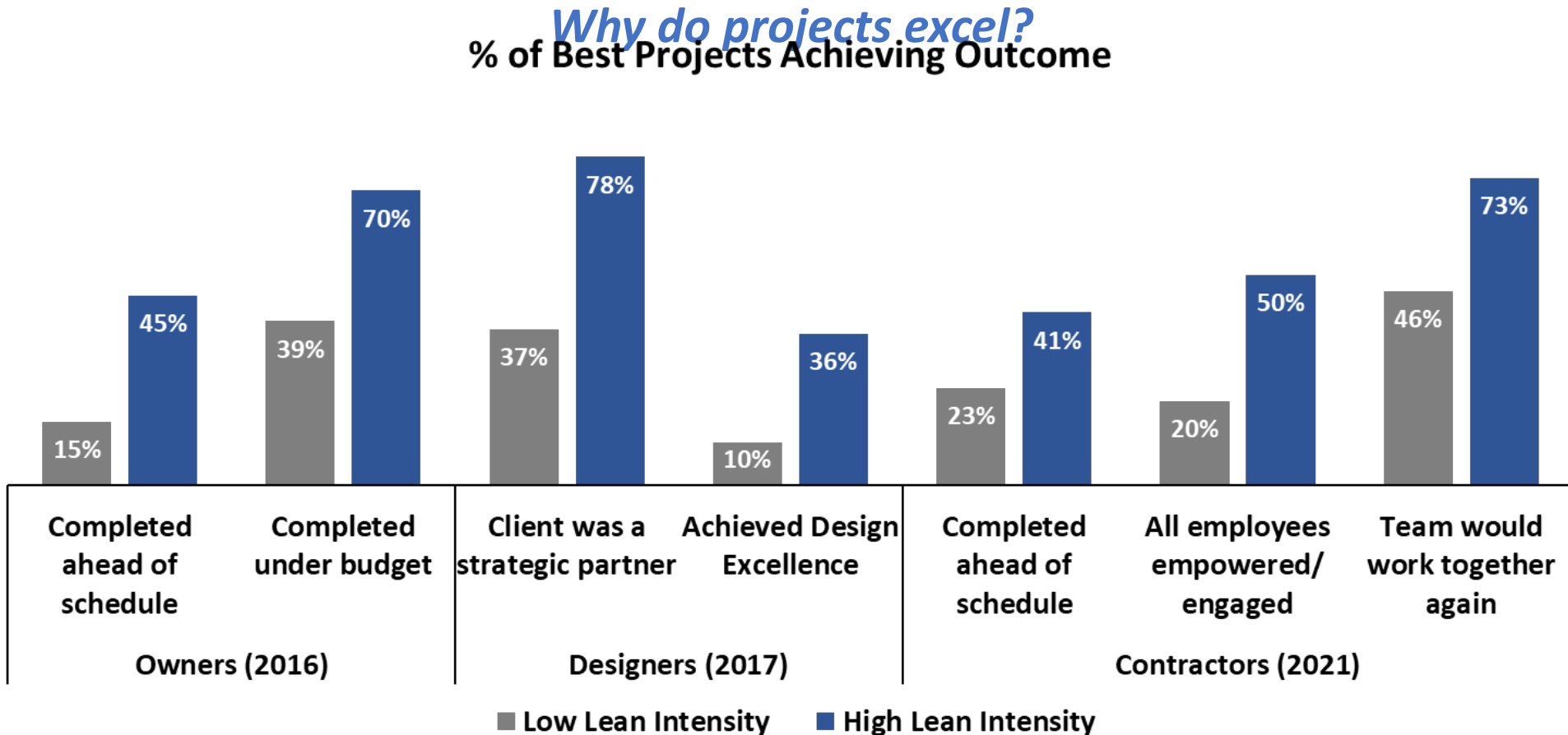


BEVAN MACE

Vice President, Business Acquisition
Balfour Beatty US



Background Research



MISSION – To lead the building industry in transforming its practices and culture

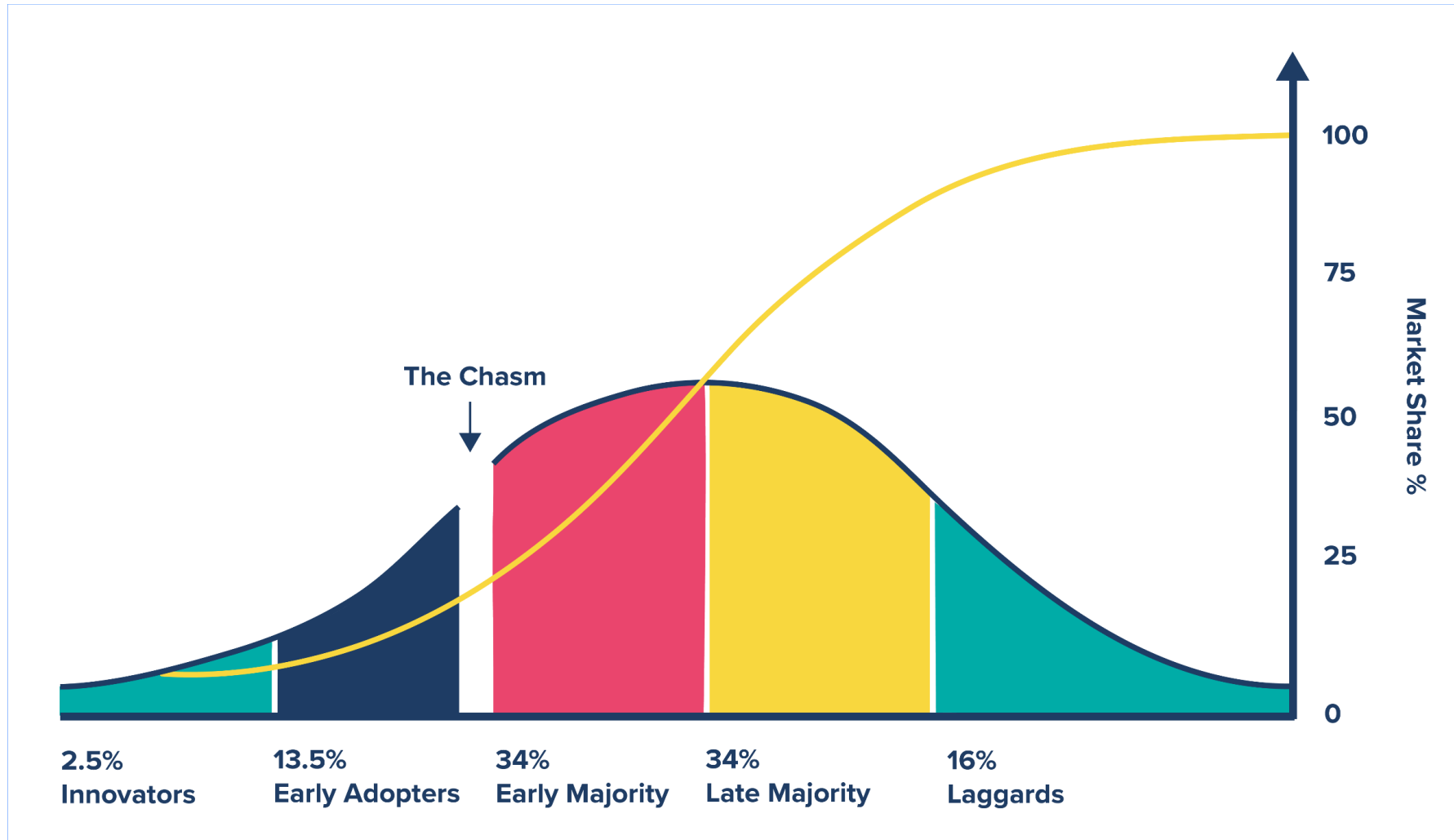
VISION – A healthy and thriving building industry delivering outstanding project outcomes every time for everyone

**OBJECTIVES – Within teams, companies and the industry:
(1) Increase Lean awareness & (2) Drive Lean deeper**

Lean Journey to Mastery



How are we doing? Where are we?



Demographics

STAKEHOLDER	METRIC	INDUSTRY (405)	LCI (199)
OWNERS (83)	# projects >\$10M in last 3 years	1-5	6-10
DESIGNERS (187)	Total billings > \$10M last year	25%	63%
GC/ CMS (227)	Revenue > \$500M last year	10%	58%
SPECIALITY TRADE CONTRACTORS (107)	Revenue > \$50M last year	25%	72%

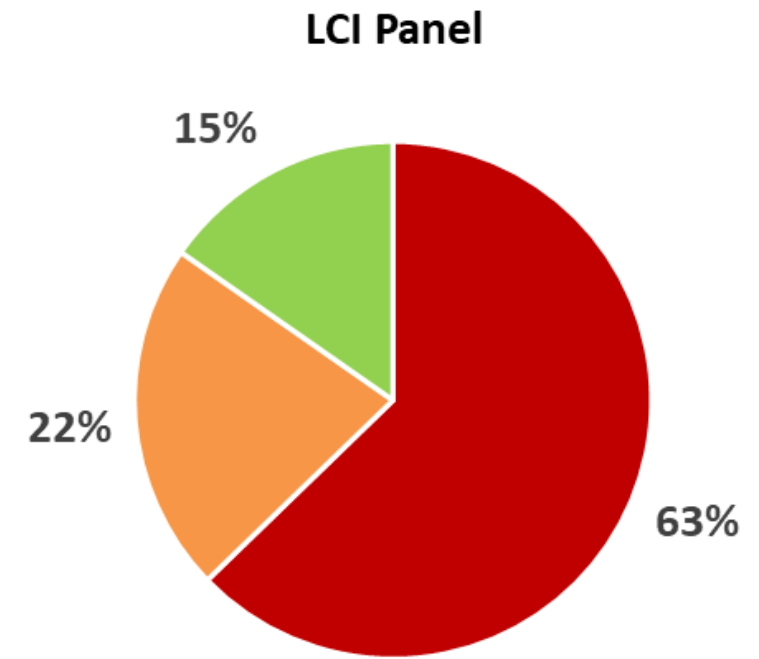
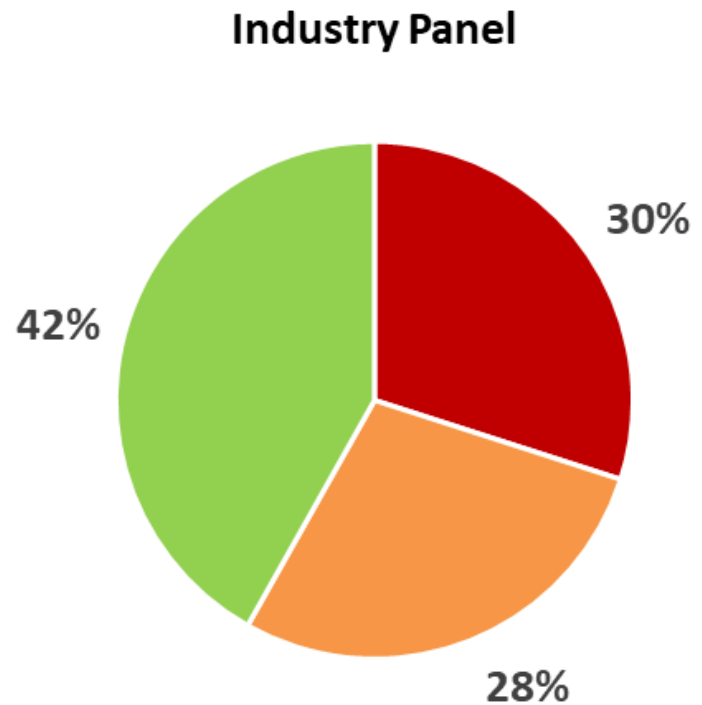
(#) respondents in each category

1 – Increase Lean Awareness



Increase Lean Awareness

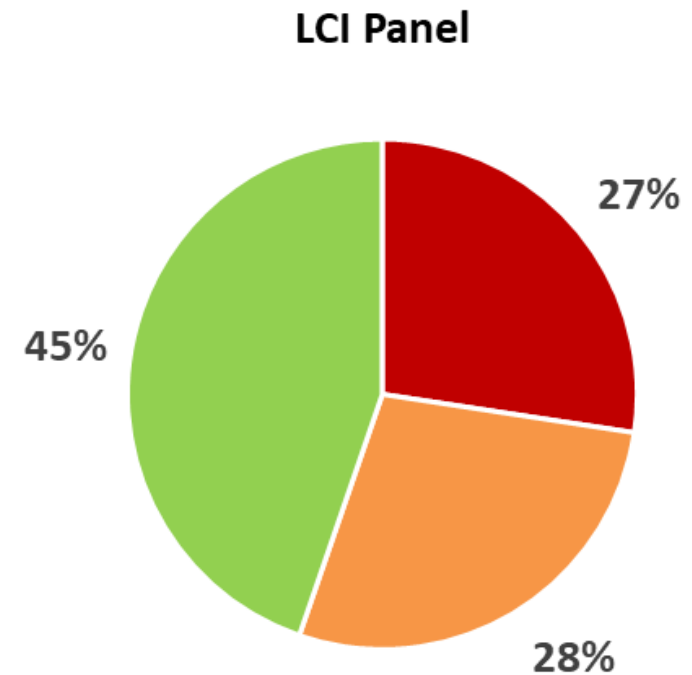
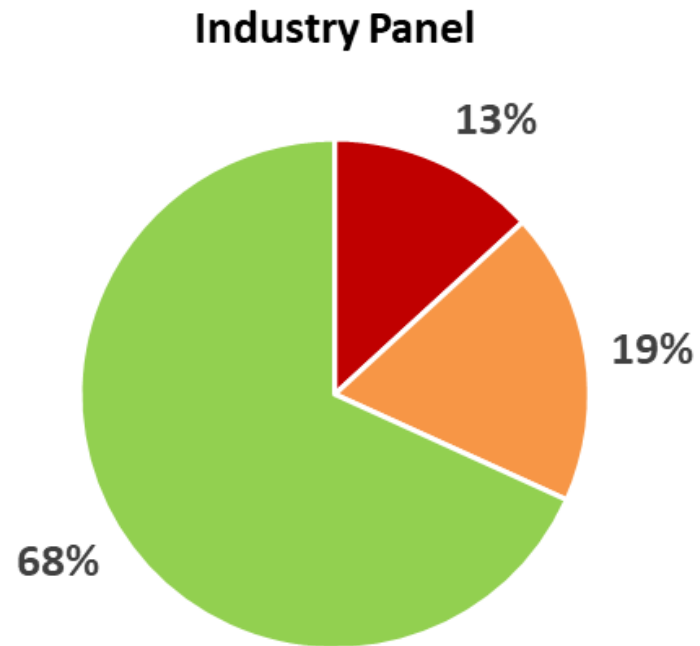
How would you rate the efficiency of US design and construction industry?



■ Inefficient ■ Neither Inefficient or Efficient ■ Efficient

Increase Lean Awareness

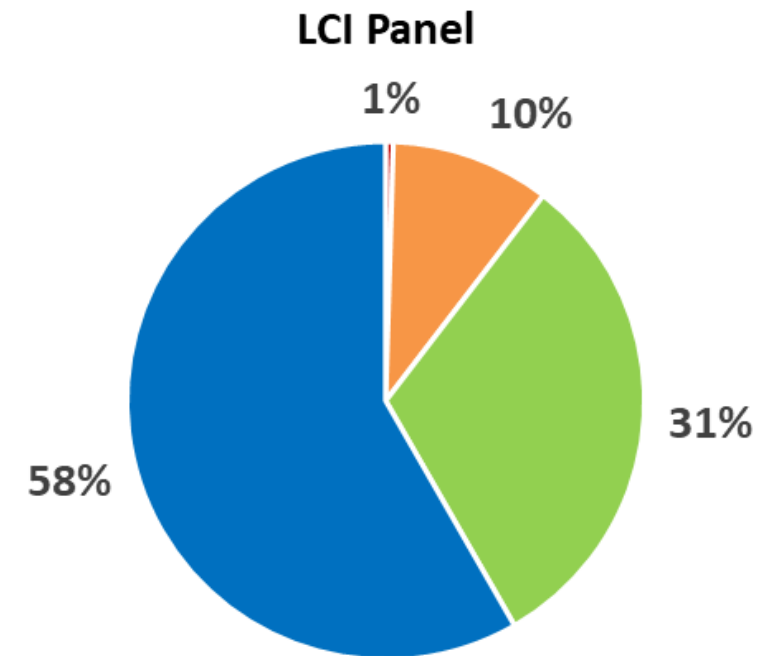
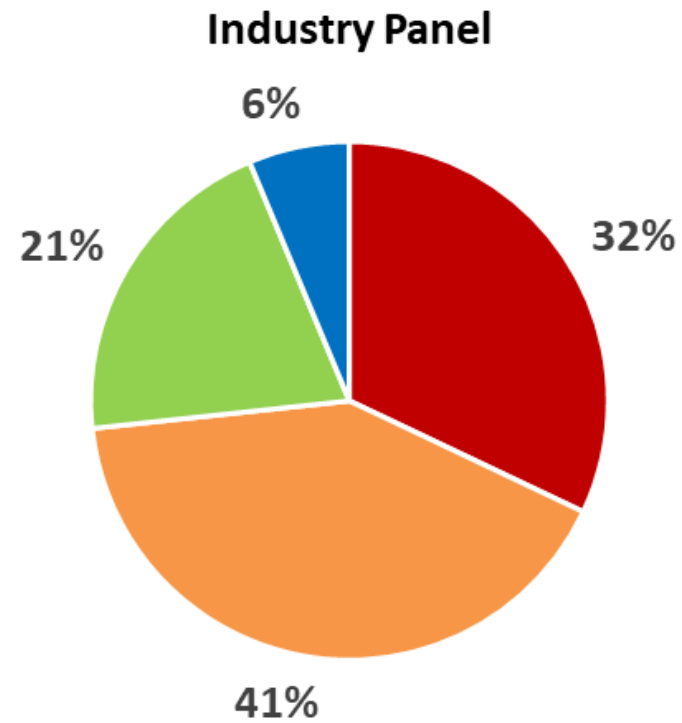
How would you rate efficiency at your firm?



■ Inefficient ■ Neither Inefficient or Efficient ■ Efficient

Increase Lean Awareness

How familiar are you with lean in design and construction?



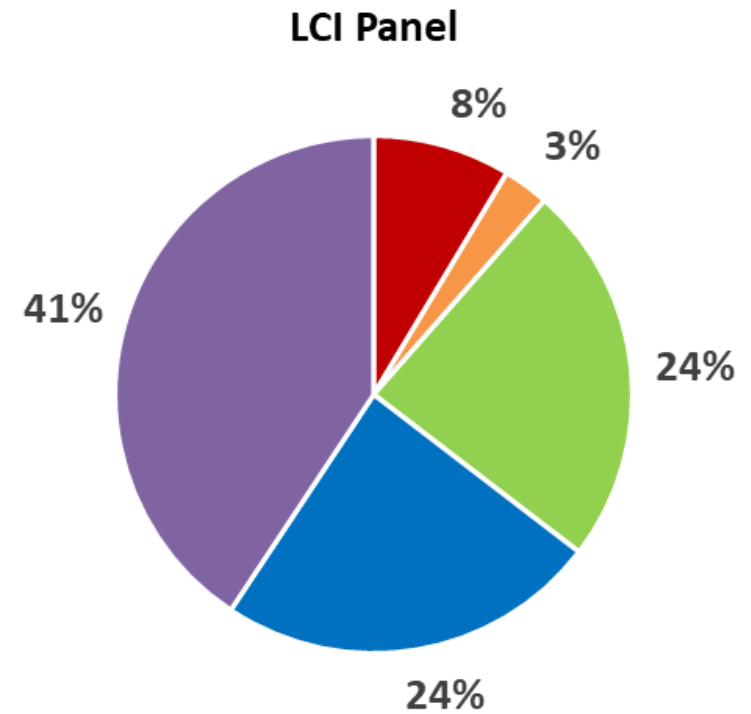
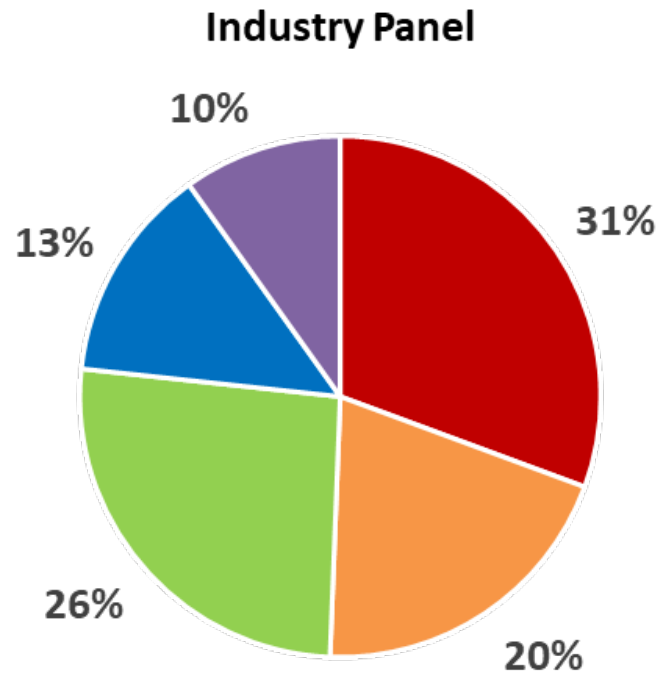
■ Not familiar ■ Limited ■ Familiar ■ Engaged

2 – Drive Lean Deeper



Drive Lean Deeper

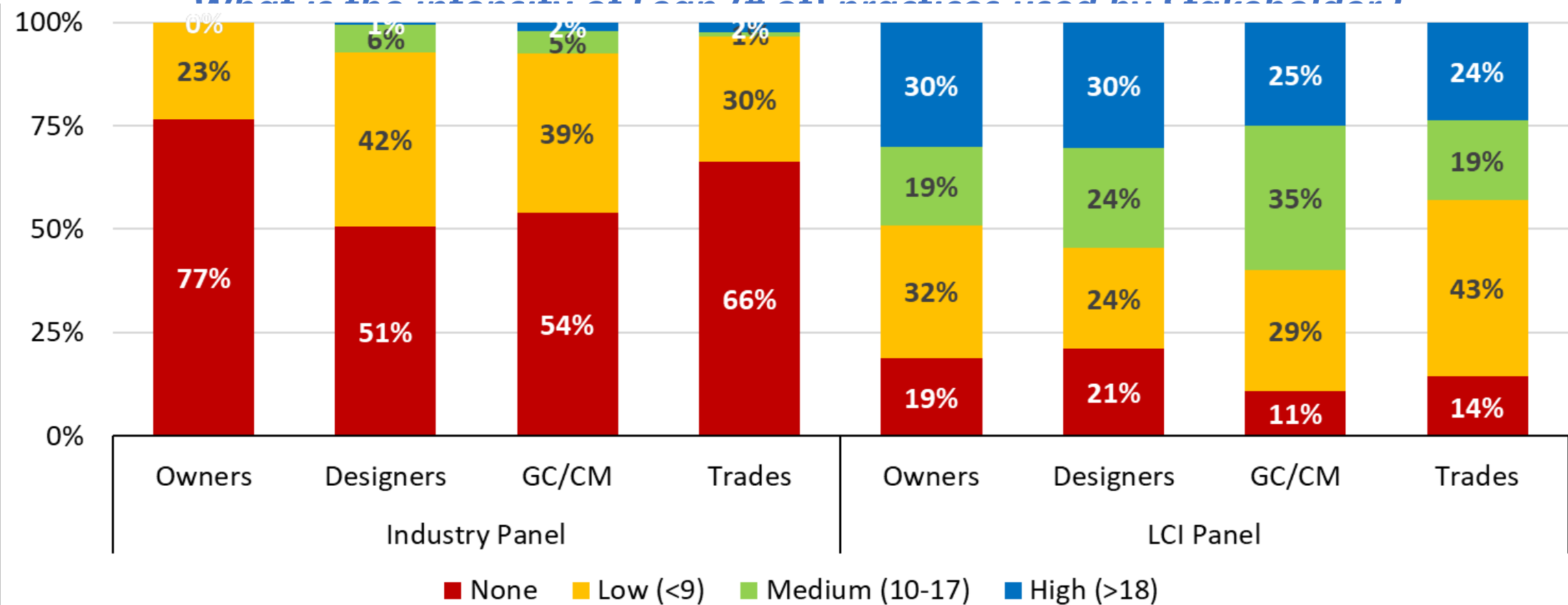
What degree is Lean used on your projects?



■ Not at all ■ Client Req'd ■ Sometimes (<30%) ■ Frequently (31% to 60%) ■ Very Frequently (>61%)

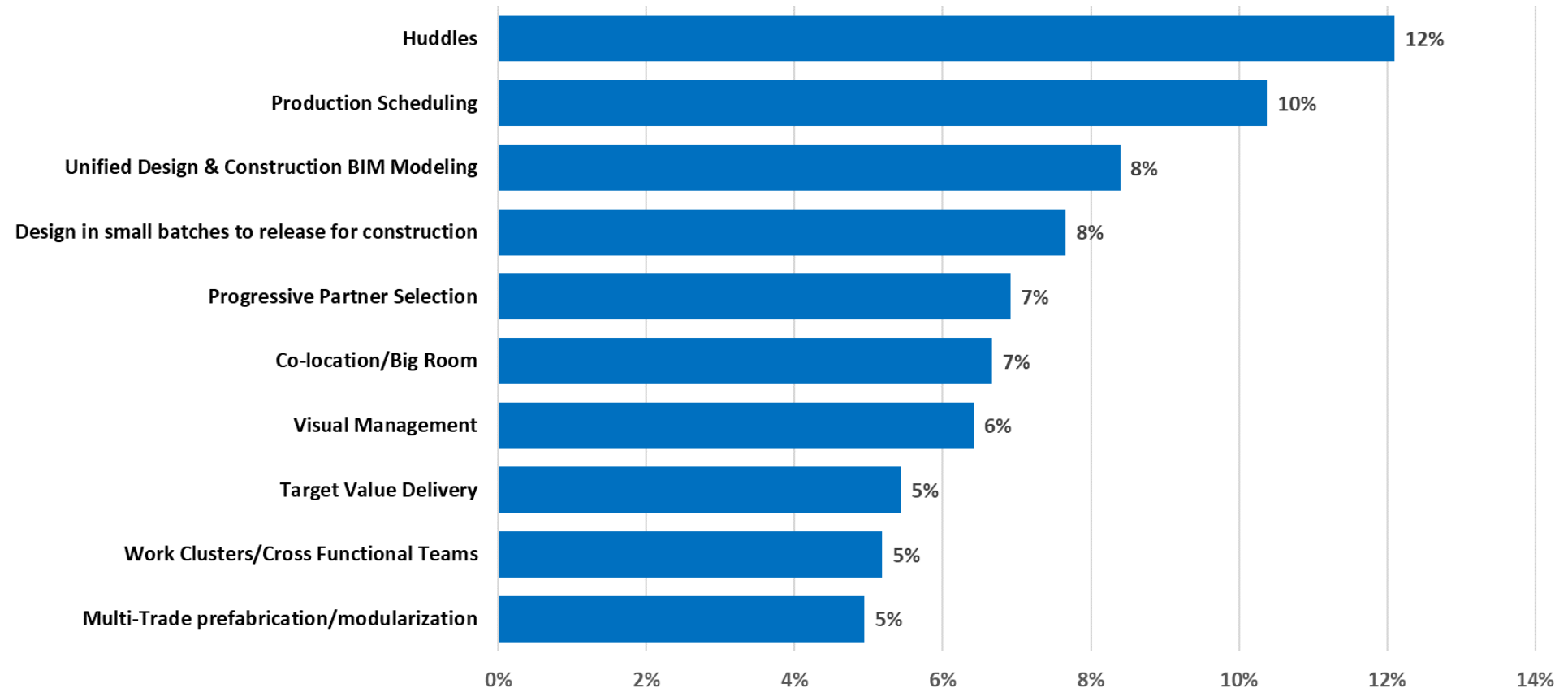
Drive Lean Deeper

What is the intensity of Lean (# of) practices used by Stakeholder?



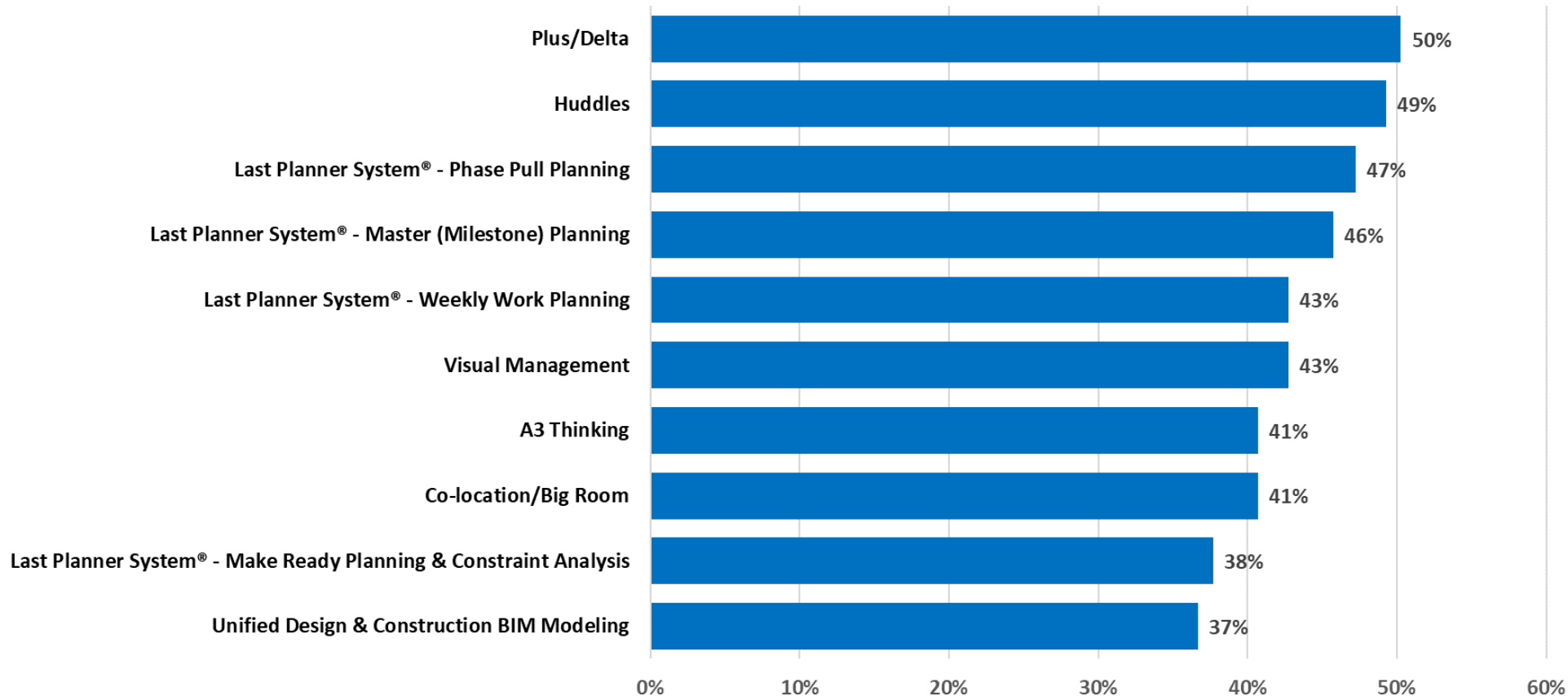
Drive Lean Deeper

Industry Panel: What lean practices used frequently in past 3 years?



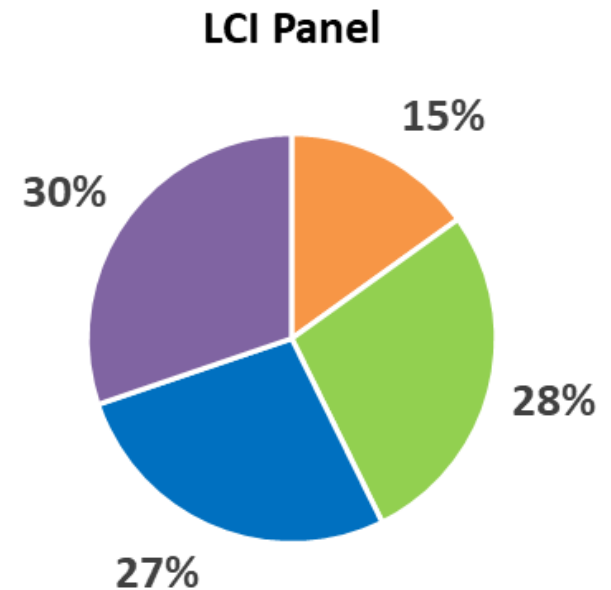
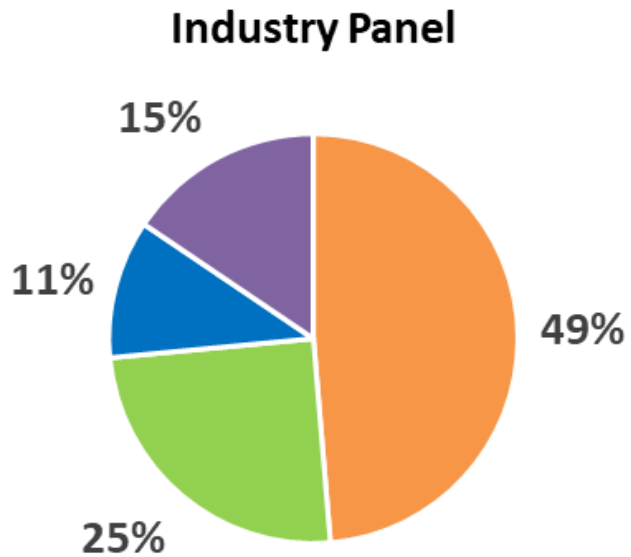
Drive Lean Deeper

LCI Panel: What lean practices used frequently in past 3 years?



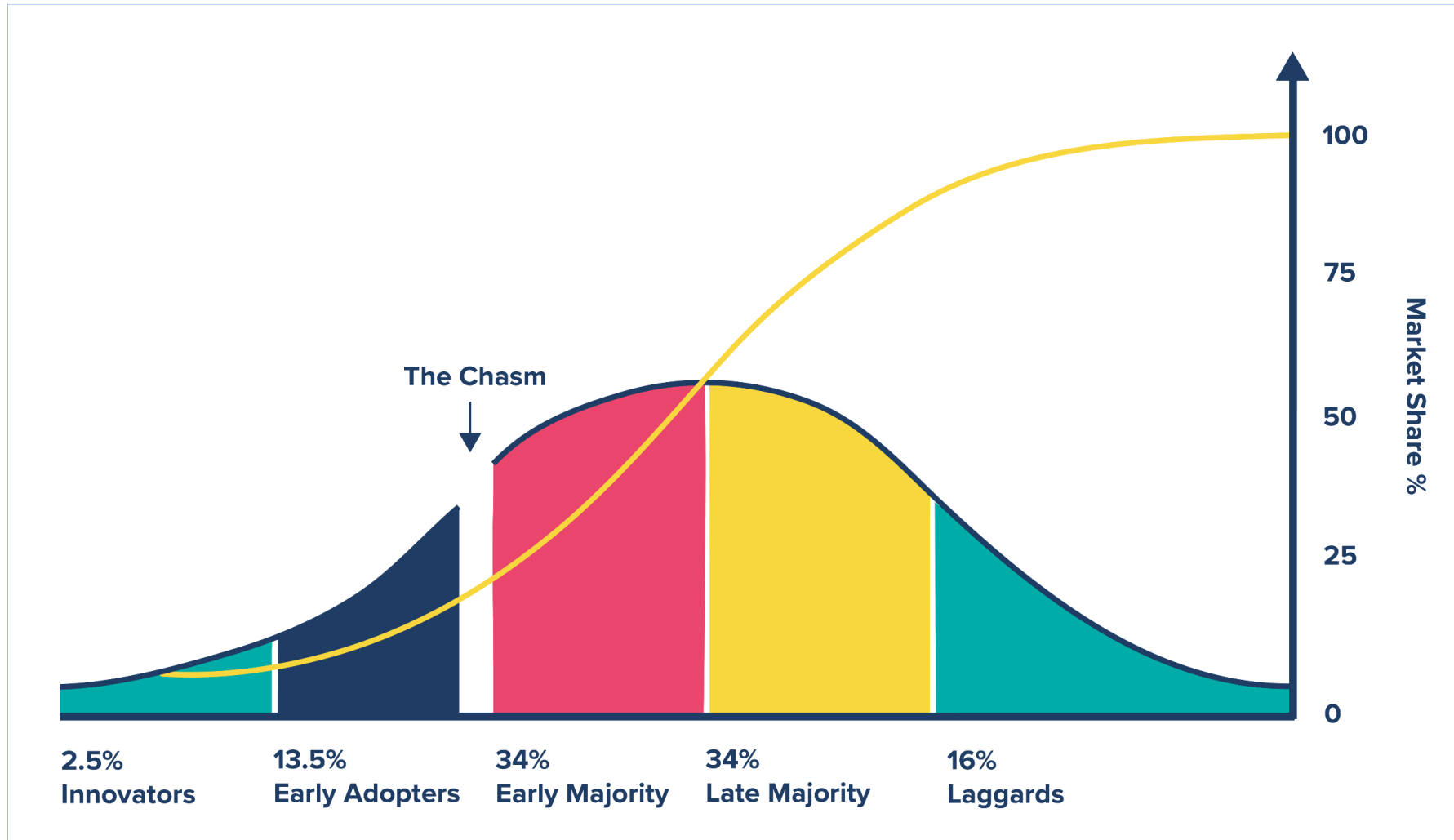
Drive Lean Deeper

What degree is Lean embraced in your company?

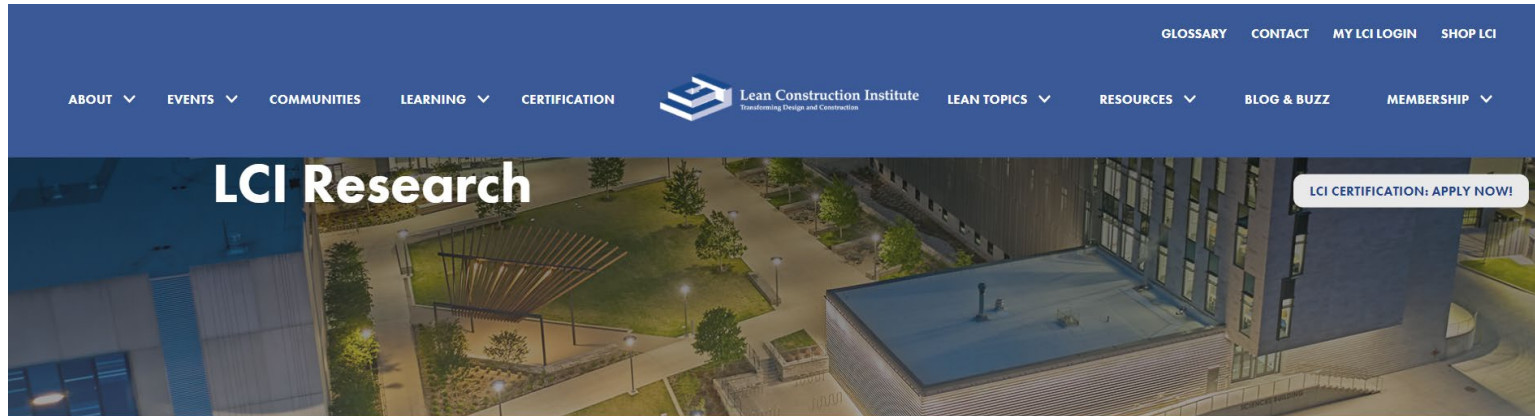


■ When Req'd ■ Project ■ Division/ Dept ■ Organization

What is our target? Where do we want to be?



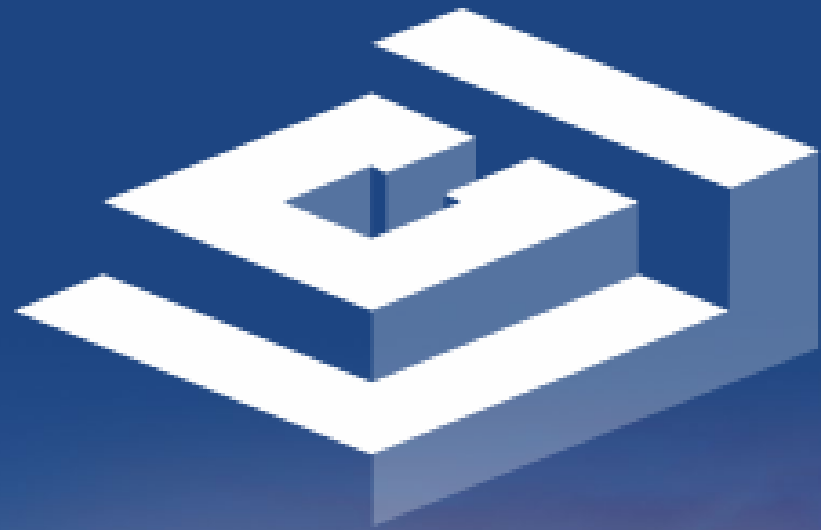
LCI Research



Lean Design & Construction Research Papers

Using empirical evidence, LCI-funded research efforts show that projects with a high Lean intensity are more likely to be completed ahead of schedule and under budget. See the results of our three major research efforts here. Feel free to explore, download and share the one-page fact sheets, the full reports, and supplementary videos with your organization, team or with those skeptical of the Lean advantage.





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