

24TH
LCI CONGRESS

OCTOBER 18-21, 2022 | NEW ORLEANS, LOUISIANA

LEAN GUMBO: THE RIGHT
INGREDIENTS FOR PROJECT SUCCESS



Lean Construction Institute
Transforming Design and Construction

Visual Decision Plotter® - A lean-decision-making framework & method

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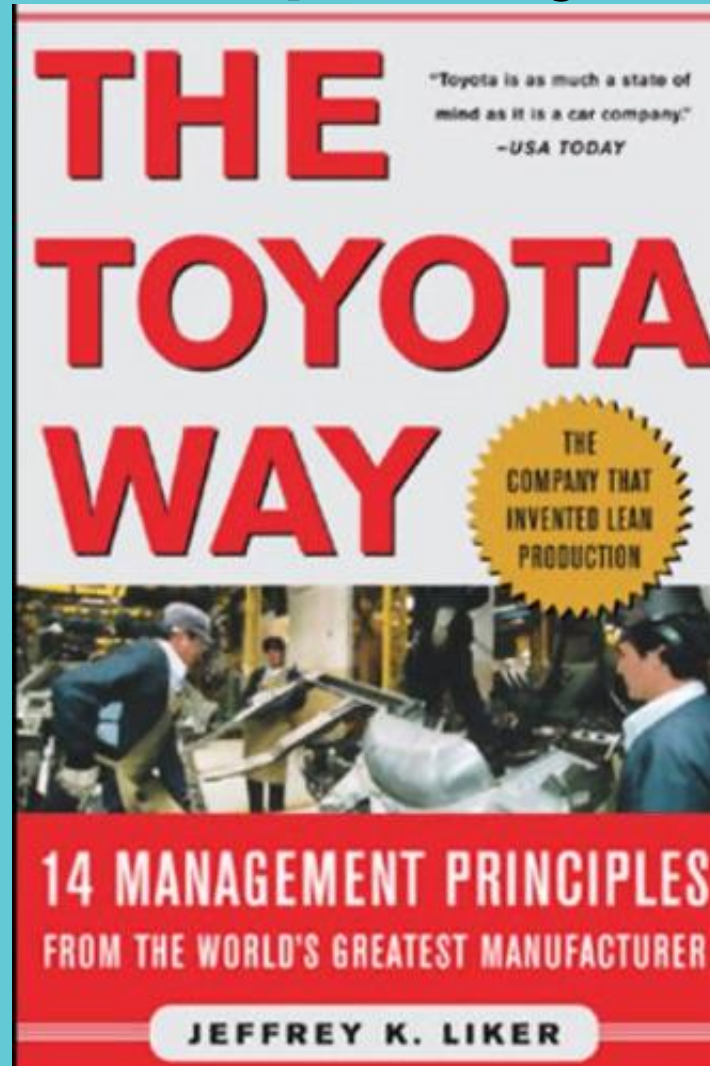
unified-works.com

Lean Coaching:

- Lean Project Delivery – Project Teams
- Lean Curriculum for Teams & Academia
- Waste Analysis, Reduction, Process Map
- Visual Decision Plotter® - The Lean Way
- A3 Thinking & Problem-Solving
- Integrated Lean Communications & PR

“... how you arrive at the decision is just as important as the quality of the decision.”

Ch. 19, Pg. 238



Visual Decision Plotter® - A Lean Framework for Decision-making

SHARPEN THINKING

*Road Maps Reveal
Value & Importance
To Customer*

*Evaluate & Account
For Cost Differences*

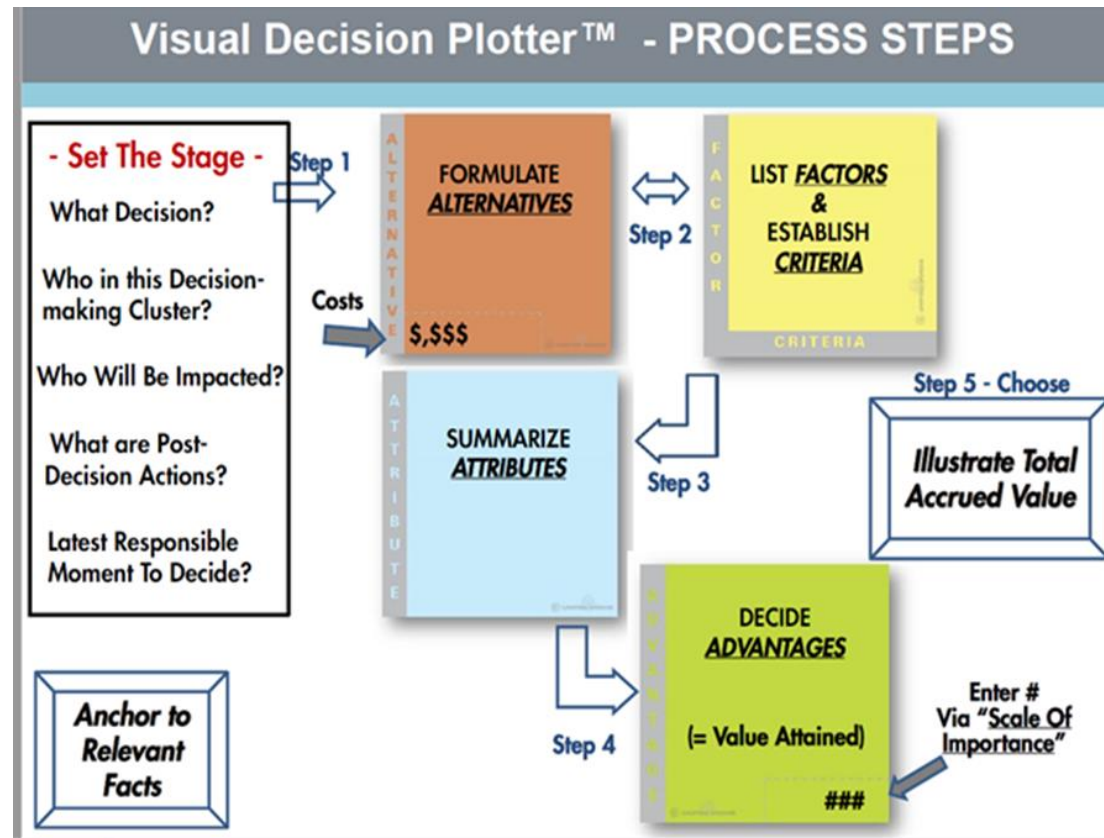
*Illustrate Gains/Value
For Each Option*

SIMPLIFY DECIDING

*Expedite &
Standardize*

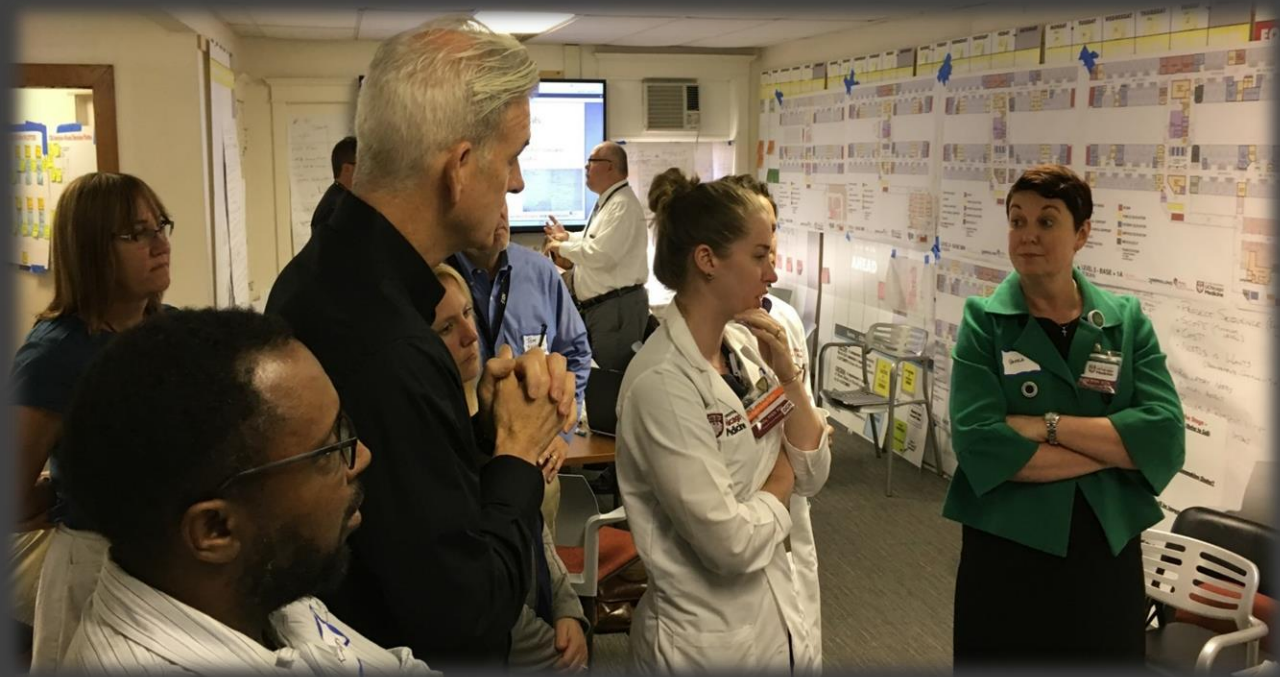
*Documented.
Sound & Durable*

*Reduces Wastes
& Waiting*



Stakeholder Engagement – Joined IN Decision-making Process

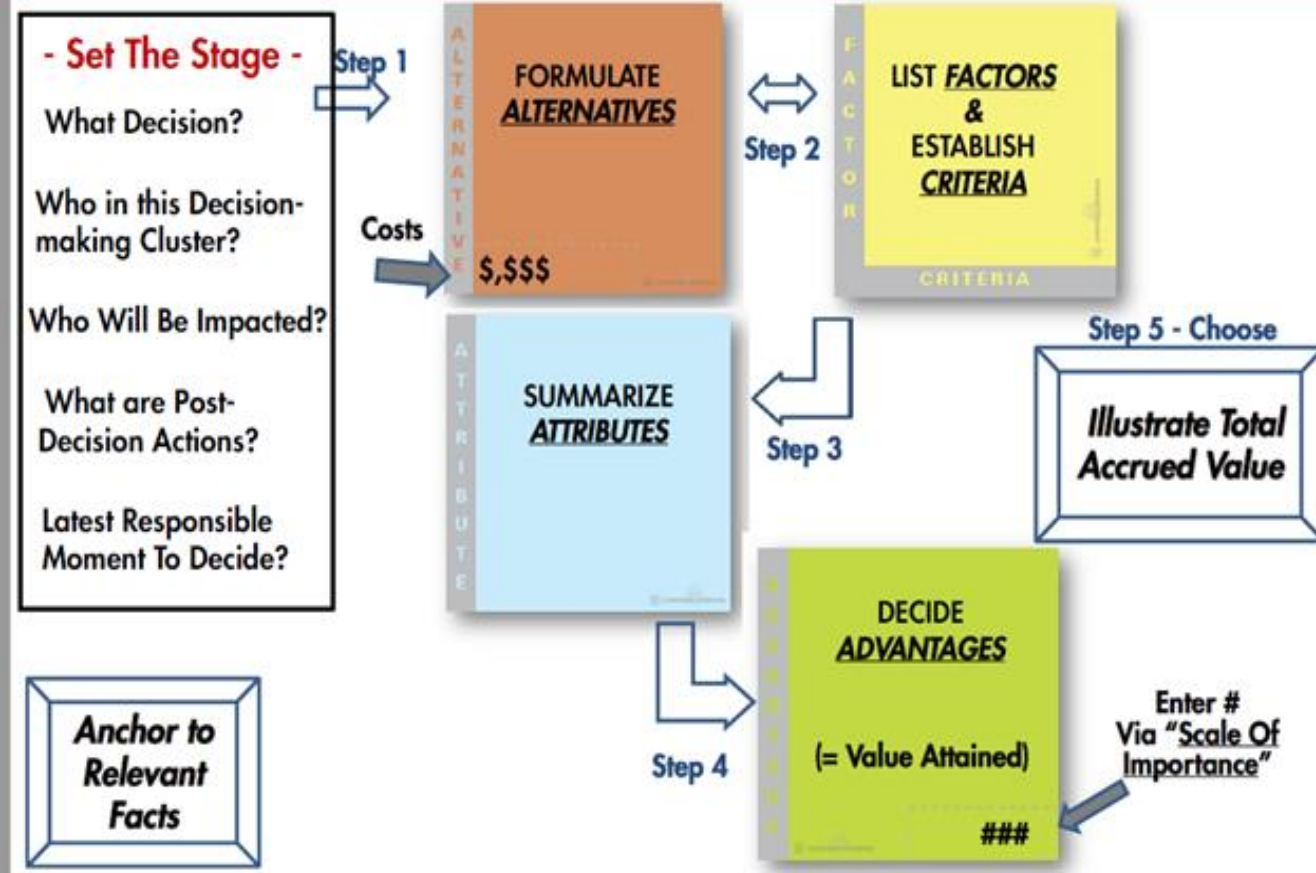
- Hospital Leadership
- Clinicians
- Support Staff
- Facilities
- Architects
- Engineers
- Contractors
- Facilitators



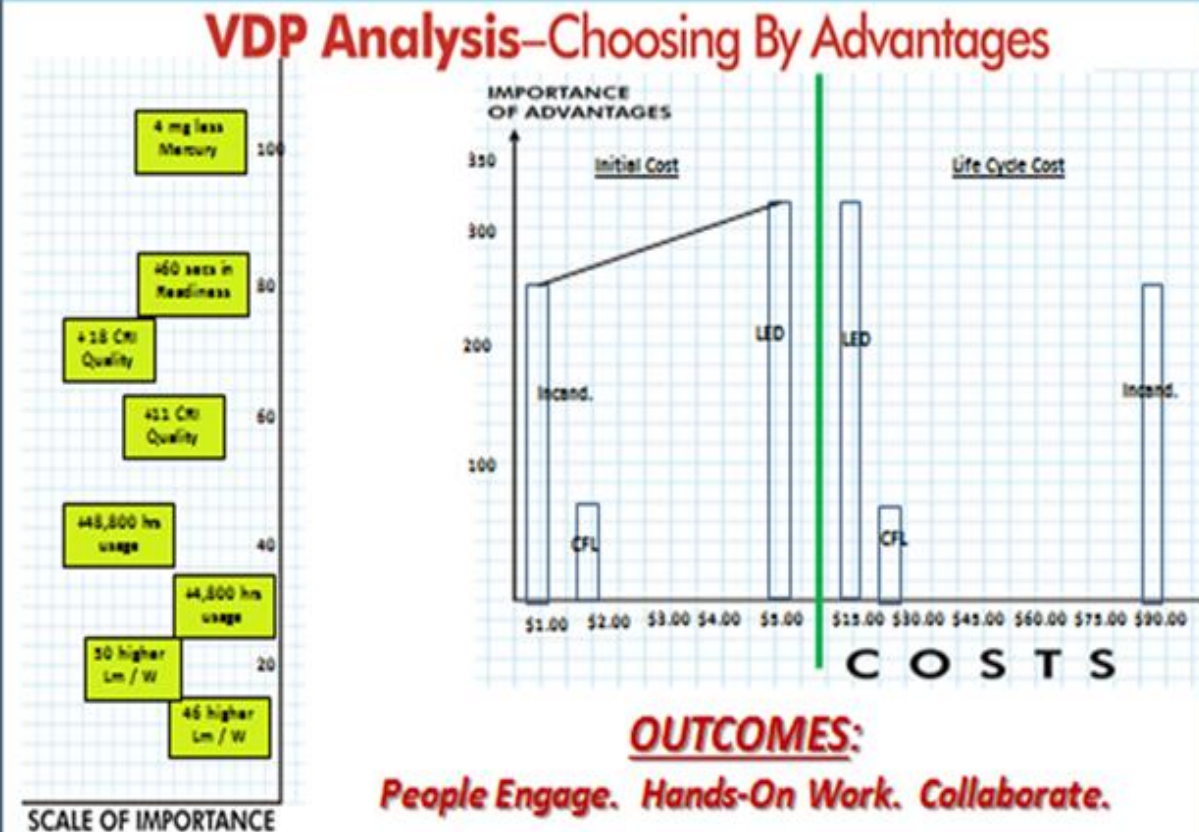
Decision-making – The Lean Way

Built upon the logic of *Choosing By Advantages*

Visual Decision Plotter™ - PROCESS STEPS



VDP Project Edition – Choose A Bulb

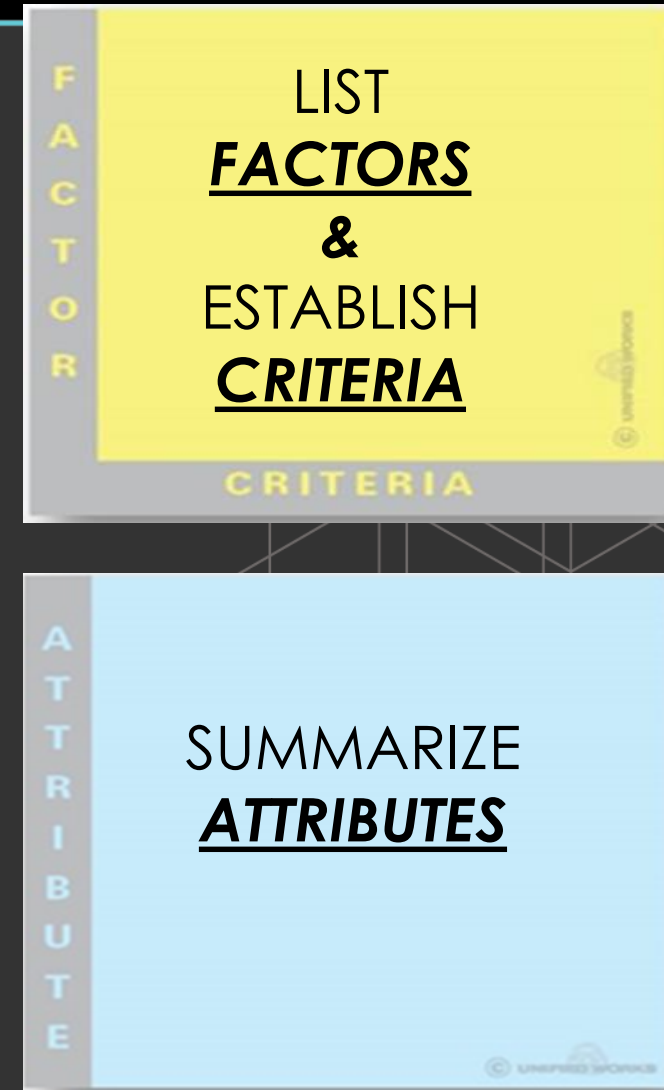


Terms ... CBA – The Lean Way

FACTOR: Component of a decision.
Meaningful *elements* or *aspects* to the
CUSTOMER & *those who will be impacted*.

CRITERIA: A *requirement* or *standard*
of Musts, Wants, or Should expected
by the *CUSTOMER*.

ATTRIBUTE: A characteristic quality or
circumstance. Specific & stand-alone
descriptors. Stated as non-comparative to
other options.

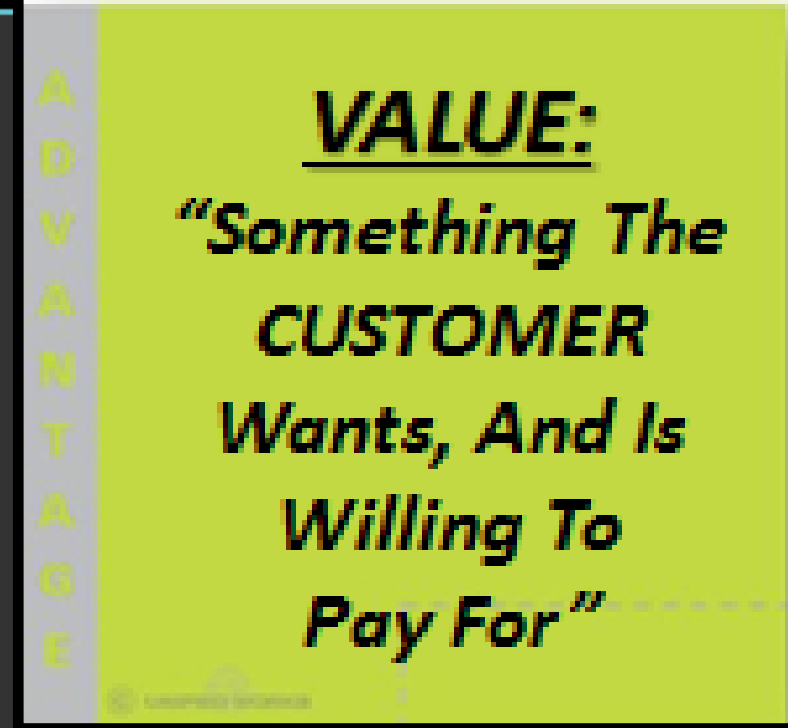


Sharpen Thinking – Simplify Deciding

ADVANTAGE: *A Betterment.* Beneficial difference between 2 Attributes.
A Gain of VALUE to CUSTOMER.

Scale of Importance: Weighs each **ADVANTAGE** gained by the **CUSTOMER**.
A collaborative exercise that engages.

Total Importance of Advantages:
Reveals total **VALUE** accrued to **CUSTOMER**.
Am illustration to vividly tell the story.





Indiana University Health



Advocate
Health Care



THE UNIVERSITY OF
CHICAGO
MEDICAL CENTER



KAISER
PERMANENTE®

Jackson
HEALTH SYSTEM

Choose or Validate:

- Nurse Station Locations
- Elevator Shut-Downs
- From RFP to Select GC/CM
- Air Handling Sys.
- Constr. Phasing
- Structural Steel
- Modular v. Traditional Builds
- Prioritize Capital Plans

Anderson
Mikos Architects, Ltd.
"Architecture Through Listening"

HGA

- More Voices & Collaborators
- Improved Standards to Decide
- Clear & Visual Options To Owners
- Expedited. Reduces Waste

- Countermeasure to WAITING
- Consensus Builder
- Better Options Revealed

Mortenson
construction

WT
WHITING-TURNER

Gilbane

HOK ARCHITECTS

HDR | ONE COMPANY
Many Solutions®

Barton
Malow

BERGLUND
BEYOND BUILDING

Lean
Construction
Institute
Transforming the Built Environment

- Accredited. CEU Units.
- An Improved Standard



The American
Institute
of Architects

VDP User Comments:

Clay Goser, Director, Program Management, Facilities, Plant & Construction – University of Chicago Medical

“The VDP platform brings about the rigor and discipline to the purpose of making decisions quickly, timely and in a manner that defines & quantifies the value that we look for for the \$ we plan to spend.”



Felipe Engineer, Corporate Lean Manager – McCarthy Builders:

“It is lightning fast, easy to understand, aligned with CBA, and highly visual. The richness of communication is massively different than what I’ve experienced with teams in complex spreadsheets trying to use CBA.”

“We just dove right in to have the right conversations and choose as a unified team with the speed of a natural conversation.”

David Mikos, President & CEO, Anderson Mikos Architects Ltd.

“The Visual Decision Plotter allows everyone to have a voice and equal opportunity to engage and reveal and talk about the Advantages being gained for each option.”

<https://vimeo.com/389801240>

Methods Matter

Sharpen Thinking. Simplify & Expedite Deciding.