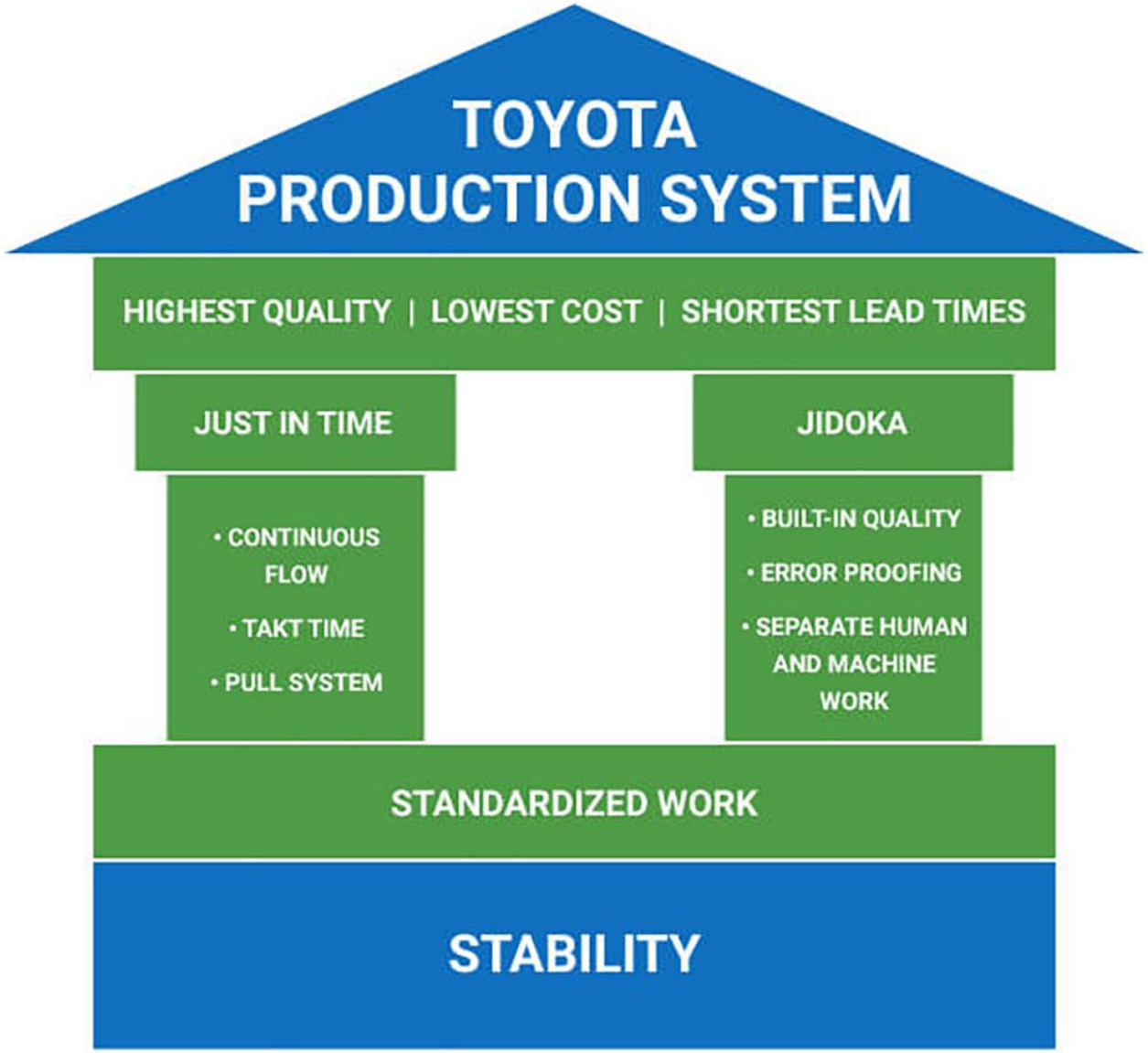
TOYOTA
PRODUCTION SYSTEM
HIGHEST QUALITY | LOWEST COST | SHORTEST LEAD TIMES
JUST IN TIME
• CONTINUOUS FLOW
• TAKT TIME
• PULL SYSTEM
JIDOKA
• BUILT-IN QUALITY
• ERROR PROOFING
• SEPARATE HUMAN AND MACHINE WORK
STANDARDIZED WORK
STABILITY

Keep it simple
- 2 second Lean – Paul Akers

Fix What Bugs you….

……..What Bugs you????…..

When you see Waste…you can’t
unsee it…

8 Wastes

The 8 Wastes are eight types of process activities that get in the way of providing value to the customer.

Defects
Efforts caused by rework, scrap, and incorrect information.

Overproduction
Production that is more than needed or before it is needed.

Waiting
Wasted time waiting for the next step in a process.

Non-Utilized Talent
Underutilizing people's talents, skills, & knowledge.

Transportation
Unnecessary movements of products & materials.

Inventory
Excess products and materials not being processed.

Motion
Unnecessary movements by people (e.g., walking).

Extra-Processing
More work or higher quality than is required by the customer.

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- Seating Matters | Amazing Lean Organization - YouTube

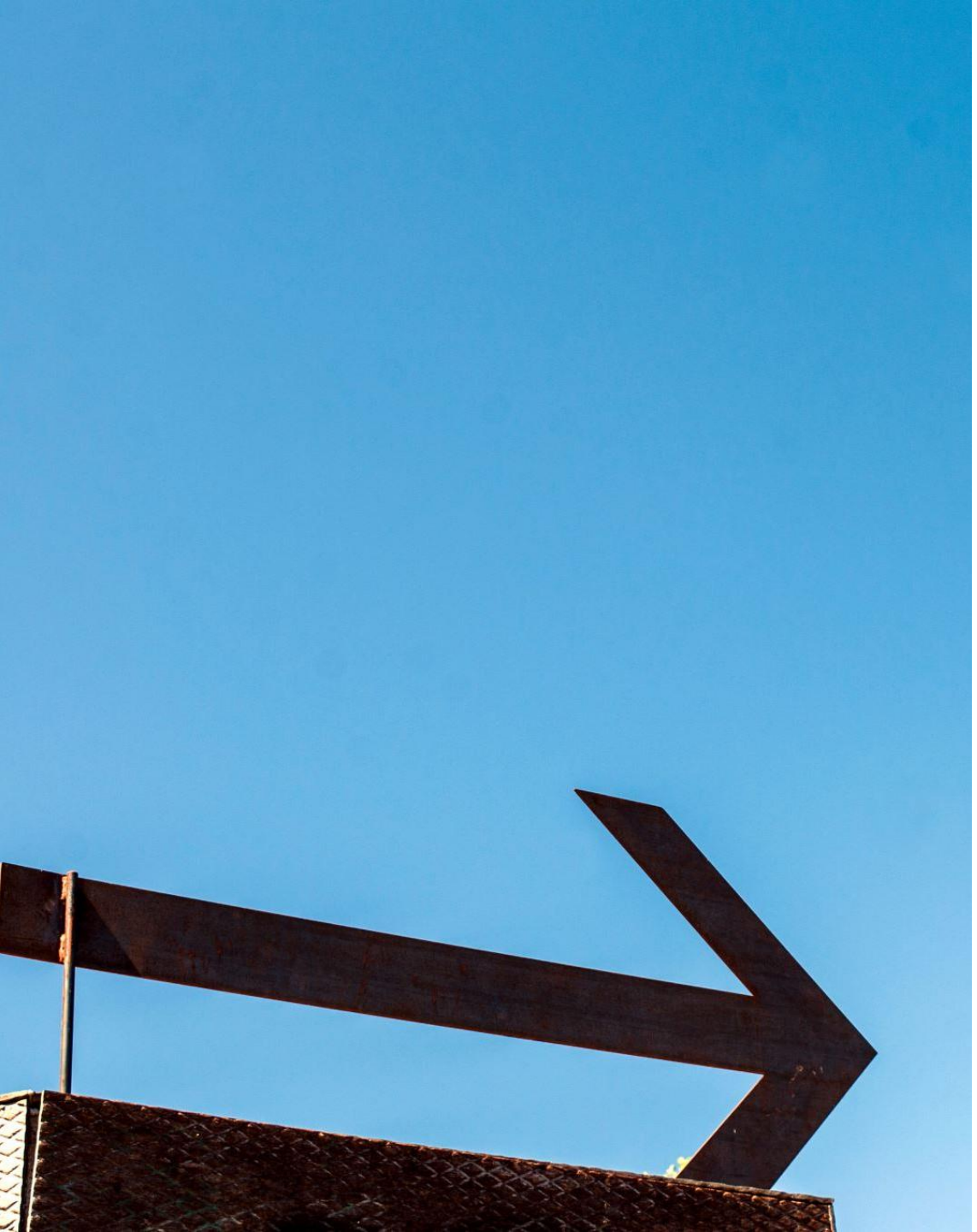
Seating Matters

The Basics of 3S

(Sort, Sweep, & Standardize)

- The power of 3s - Sort, Sweep, Standardise 👌 #2secondlean #leanmanufacturing #leanmadesimple #lean - YouTube

- GEMBA



- Poke-Yoke

Omotenashi
おもてなし

- Dojo

横展

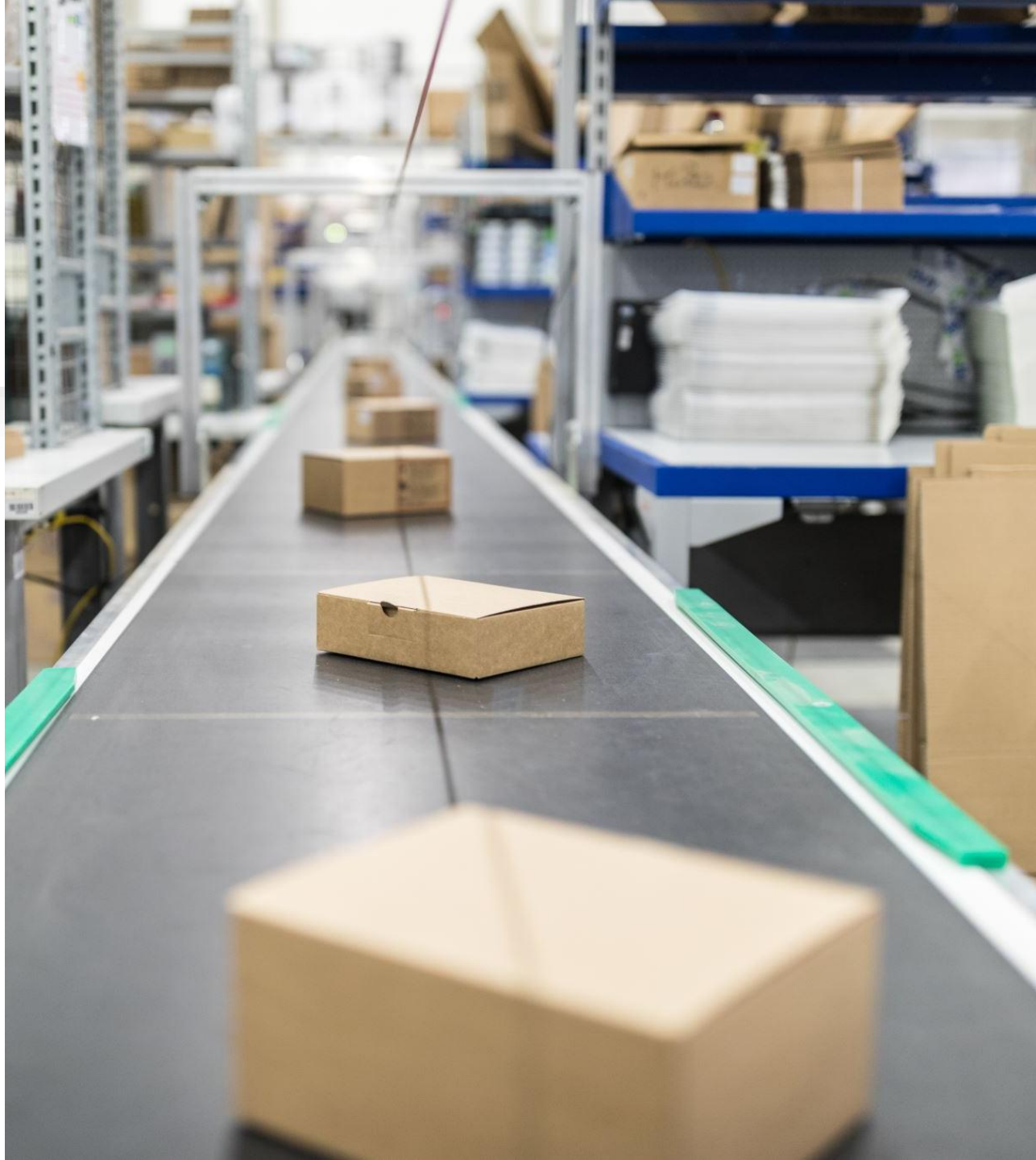
YOKOTEN

What is Jidoka?

- Mottaniai

- Takt time

- Kanban



- Kaizen

mottainai (もったいない)

(phr.) lit. "*what a waste!*"; a sense of regret when the intrinsic value of an object or resource is not properly utilized

JAPANESE | wordstuck

Heijunka

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Muda mura muri

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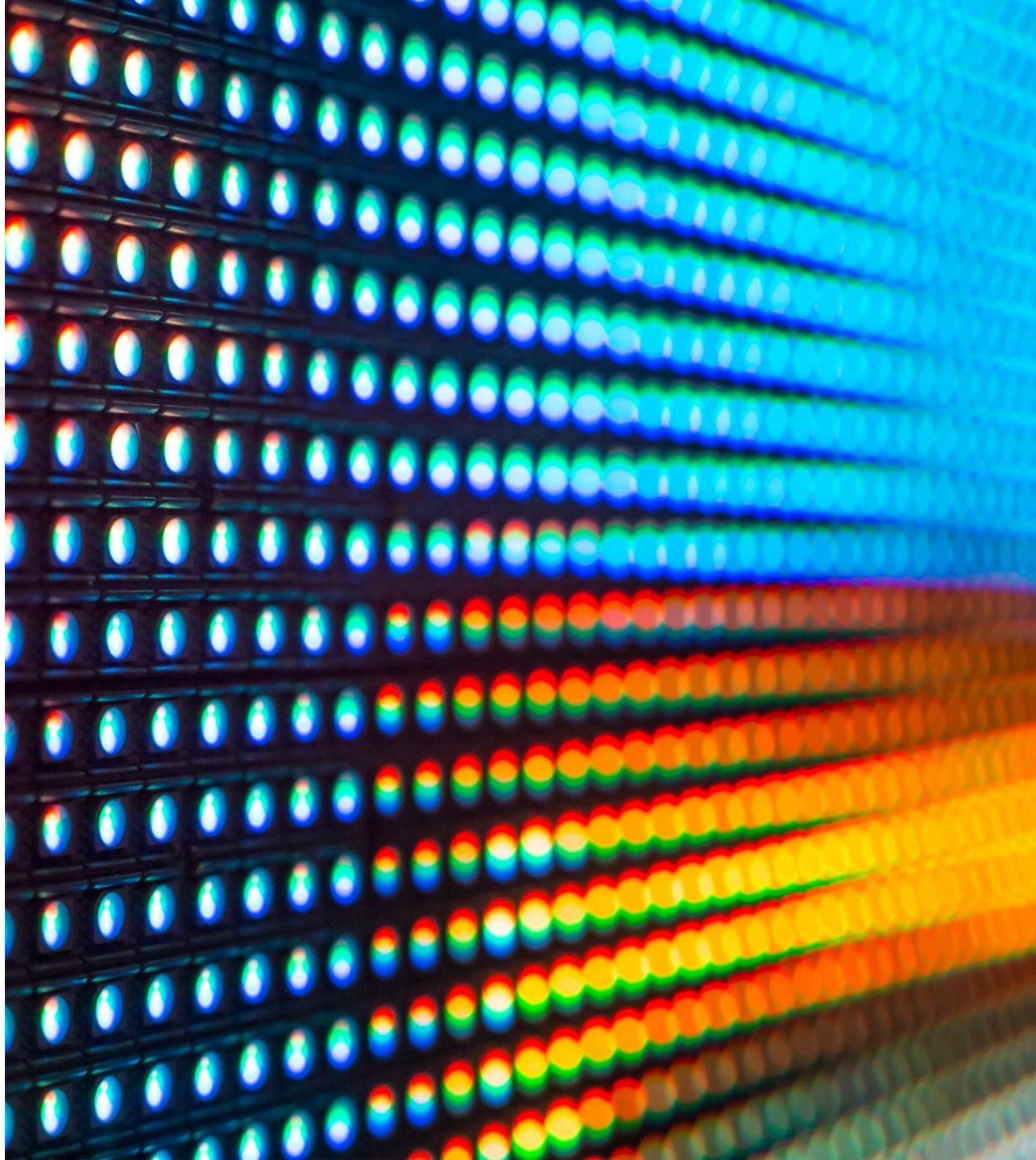
Just In Time

- Visual Control



Kintsugi