

LEAN

WHAT IS LEAN?

LEAN PRACTITIONER

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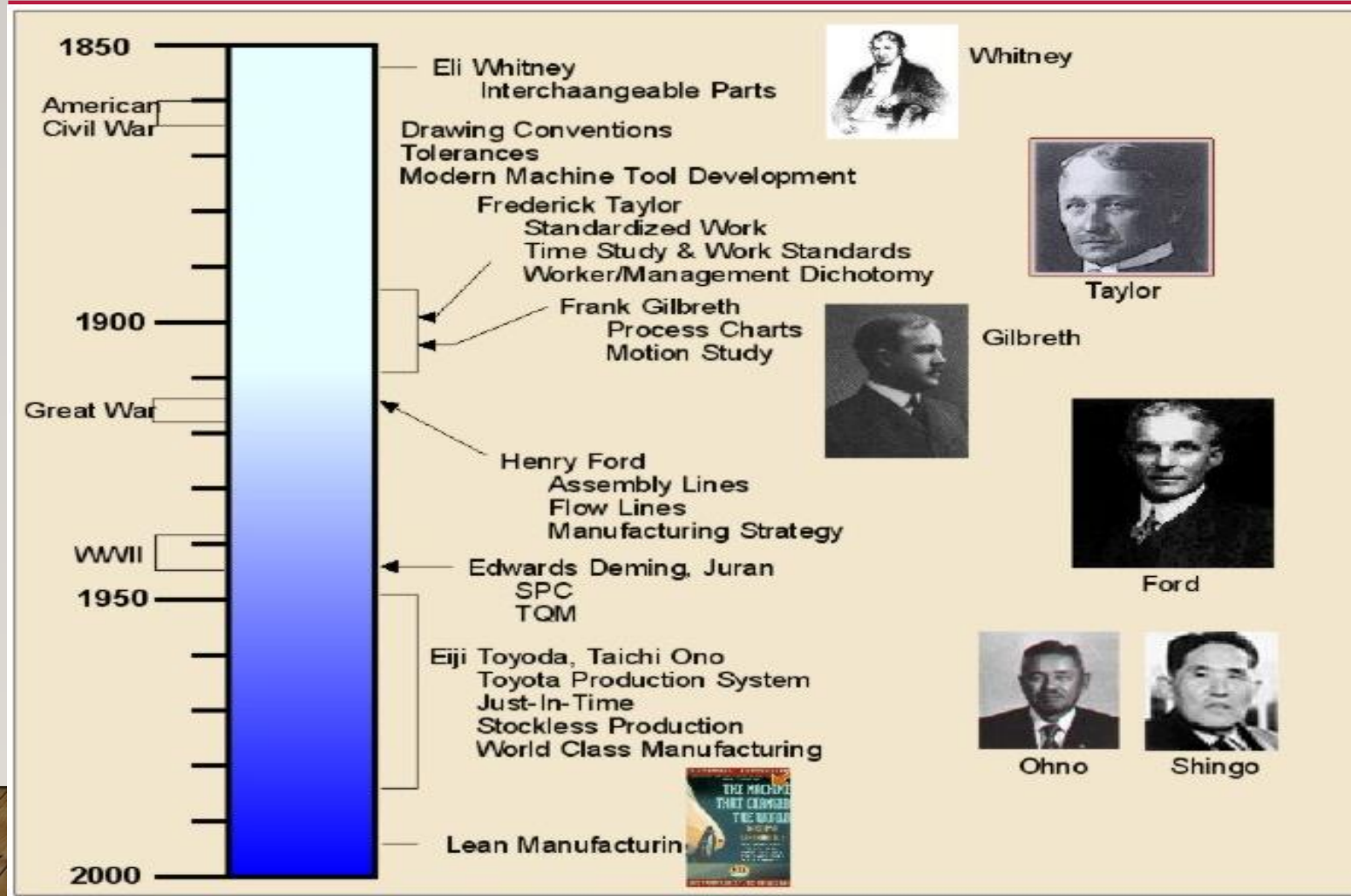
What is Lean?

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Core of Lean

- Customer Value
- Eliminate Waste
- Flow
- Constant Improvements

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Customer First

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Most Important Concept of Lean; “Why”

Why do we do that? Is there a simpler way? Does it create value for our **customer**?

Continued improvement of process.

Slow and steady change improvement.

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The Principles of Lean.

- 5S
- 7 Wastes / or 8
- Value Stream Mapping
- Flow
- Constant Improvement, a little better every day.

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“The slower but consistent tortoise causes less waste and is much more desirable than the speedy hare that races ahead and then stops occasionally to doze. The Toyota Production System can be realized only when all the workers become tortoises.”

- Taiichi Ohno



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改

kai
“change”

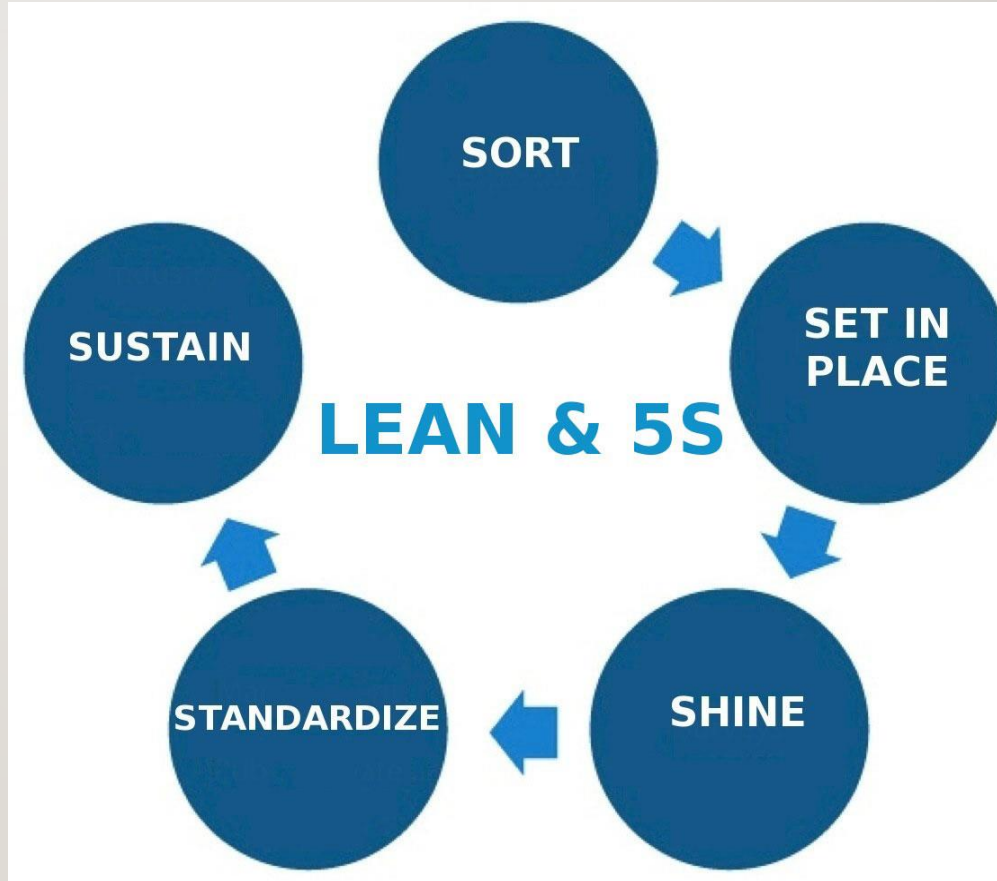
善

zen
“good”

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5S

See what might not be right!



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The 5S

1. Seiri; Sort, Clearing, Classify
2. Seiton; Straighten, Simplify, Set in order, Configure
3. Seiso; Sweep, shine, Scrub, Clean and Check
4. Seiketsu; Standardize, stabilize, Conformity
5. Shitsuke; Sustain, self discipline, custom and practice

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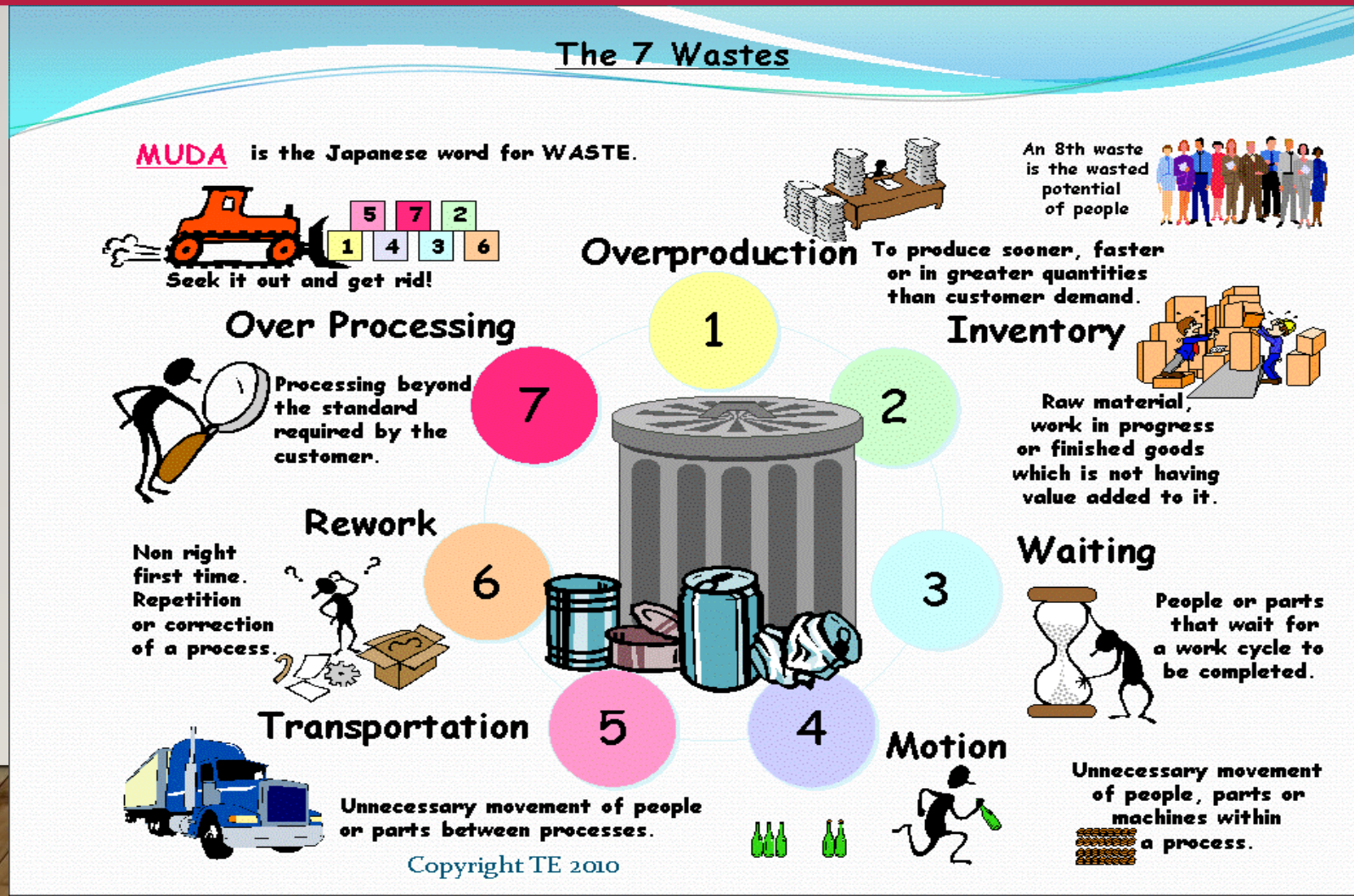
5S is to make your work space function better for you.

It is also to help you and others see what is waste.

In Lean, waste is anything that doesn't provide customer value.

So what are the 7 wastes? Or are there 8?

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Tim Wood(s)

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What are the 8 Wastes in Lean?

T – Transportation

I – Inventory

M – Movement

W – Waiting

O – Over processing

O – Over Production

D – Defects

S - Staff or People; Tim P. Woods

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The 8 Wastes of Lean

- Can you state the 8 wastes?
- Can you identify waste in your current processes?
- What could be done quickly to get the waste out?
- What are you going to do, now?

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5S and seeing waste begins your Lean approach.

Think Lean – Think Flow

Flow



Lean Flow is about how people working within a process moving from the first step to the last.

Obviously, the intention in Lean Flow is to move the item or product through the process as quick as possible, without any risk to quality and customer satisfaction.

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Discussion