Courage, Humility and Kaizen:
The Key Elements of Lean
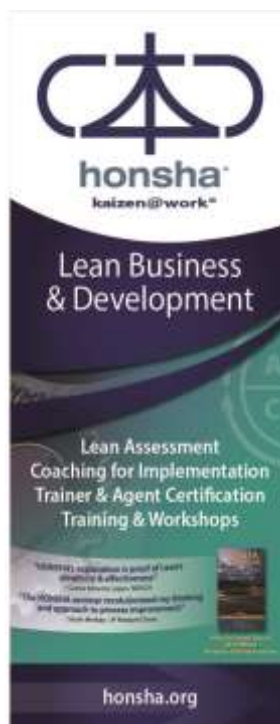
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Please, no recording devices

Worldwide Clients

Lean Leadership Principles

The following is condensed from a Leadership session that uses the Lean Principles as a way to "audit" the organization's alignment to these Principles.
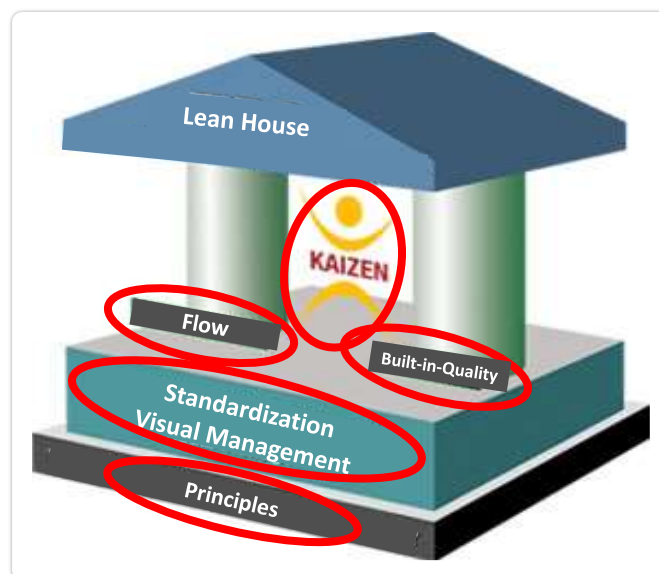
The Challenge

"Unless each one of you builds up the courage and determination to break through the barriers of convention, including your own personal barriers, we will be left behind and will have no future." Hiroshi Okuda
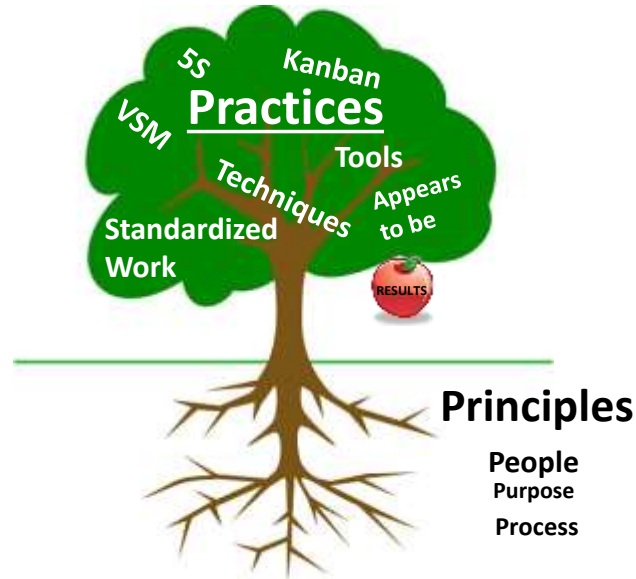
Lean House

Principles

What is Lean?

The core idea is to maximize **customer value** while **eliminating waste**.

"Makes sense system"

Lean Foundation Principles

Courage

We form a long term vision meeting challenges with determination and resourcefulness to realize our vision.

Courage
Strategic Planning-Hoshin

Courage

Courage

Developing individuals and the team takes vision and courage.

Until we do this, we cannot be a Lean organization.

Courage

"Courage doesn't always roar. Sometimes courage is the quiet voice at the end of the day saying, "I will try again tomorrow."
Mary Anne Radmacher

Lean Foundation Principles

Humility

> We don't assume we understand so we go to the source to find facts to make correct decisions, to build shared understanding and **quickly** achieve our goals.

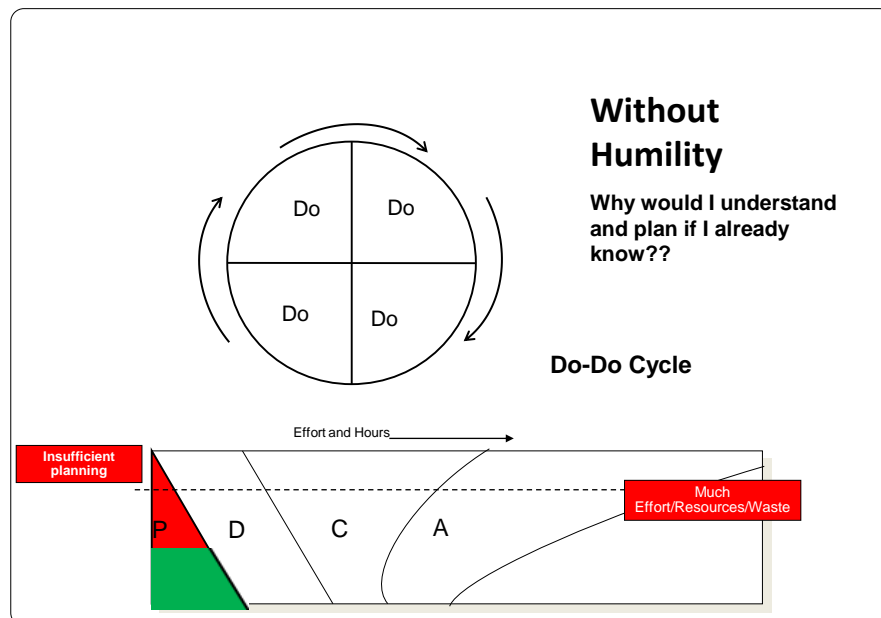# Humility-Genchi Genbutsu

Why do we "go and see"?

- Learn
- Teach
- Be seen
- So you don't have to go and see again

Humility
The Key to Learning
VSM at L&I

PDCA With Humility

```
        Action   Plan

        Check    Do

      Learning/Humility
```

Effort and Hours

P   D   C   A

Sufficient planning

Sufficient Effort/Resources

Without Humility

```
        Do     Do

        Do     Do
```

Why would I understand and plan if I already know??

Do-Do Cycle

Effort and Hours

Insufficient planning

P   D   C   A

Much Effort/Resources/Waste

Humility
The Key to Learning

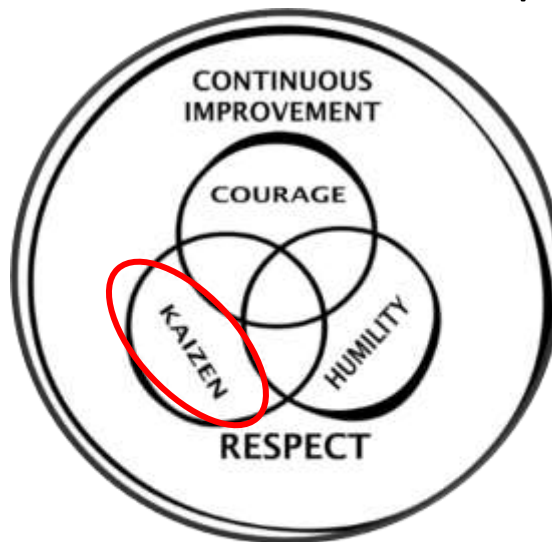"He (or she) who has no problem has the biggest problem of all." Taiichi Ohno

Lean Foundation Principles

Kaizen

We improve our operations continuously, always driving for innovation.
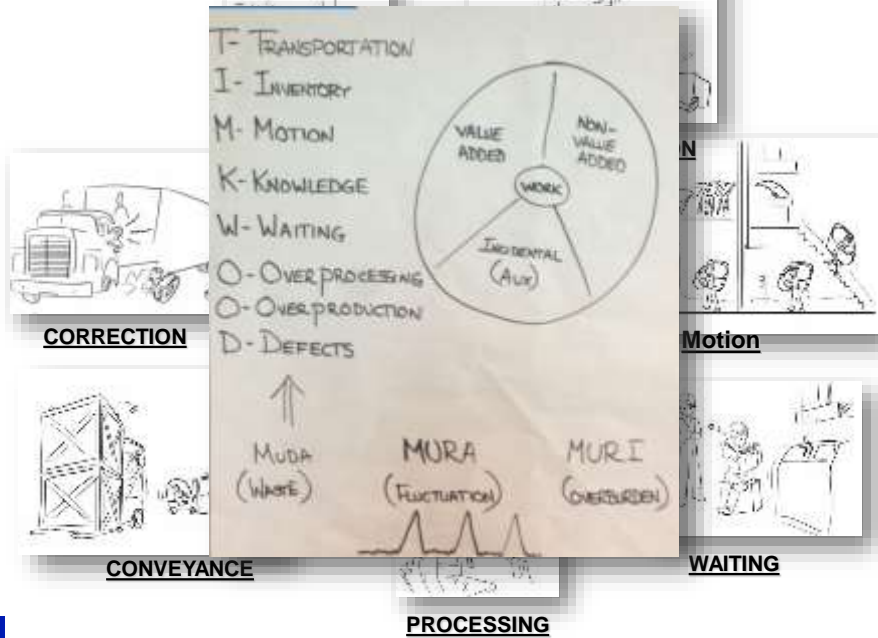
Kaizen

"Kaizen <u>activities</u> are the incubator of innovation. This is because Kaizen activities create an atmosphere of accepting change." Akira Takahashi

The 7 Wastes

T- TRANSPORTATION
I- INVENTORY
M- MOTION
K- KNOWLEDGE
W- WAITING
O- OVER PROCESSING
O- OVER PRODUCTION
D- DEFECTS

VALUE ADDED   NON-VALUE ADDED
WORK
INCIDENTAL (AUX)

MUDA (WASTE)   MURA (FLUCTUATION)   MURI (OVERBURDEN)

CORRECTION

Motion

CONVEYANCE

WAITING

PROCESSING

Kaizen

Lean Business Practice

Problem Solving/Kaizen is the Lean Business Practice!

LBP **Actions**

Lean Principles **Values**

Our Continuous Improvement Roles and Tools

Role   Tool

Must model the way, provide vision and improve the process
-System Waste
-Eliminate The 7 Wastes

Senior Management

Hoshin Kanri & Deploy

Must lead the actual operational change and improve the process
-System Waste
-Eliminate The 7 Wastes

Middle Management

Visual Mgt. Sys. & A3/8-Step

Front lines

Our Continuous Improvement
Roles and Tools

Role		Tool
Must model the way, provide vision and improve the process -System Waste -Eliminate The 7 Wastes	**Senior Management**	Hoshin Kanri & Deploy
Must lead the actual operational change and improve the process -System Waste -Eliminate The 7 Wastes	**Middle Management**	Visual Mgt. Sys. & A3/8-Step
Must 'Do' and improve the Process -Eliminate The 7 Wastes	**Front lines**	Standard Work & Kaizen

Standardization and Kaizen

Lean Foundation Principles

Respect

- We make every effort to understand each other, take responsibility and build **mutual trust**.
- We stimulate personal and professional growth, share the opportunities of development an maximize individual and team performance. **Teamwork!**

Respect
Developing People

Does "Respect" mean being nice and polite?

Respect

"A person's life is an accumulation of time, just one hour is important in their life. Employees provide their precious hours of life to the company, so we have to use it effectively, otherwise we are wasting their life."

Eiji Toyoda 1913-2013

Thank you!

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