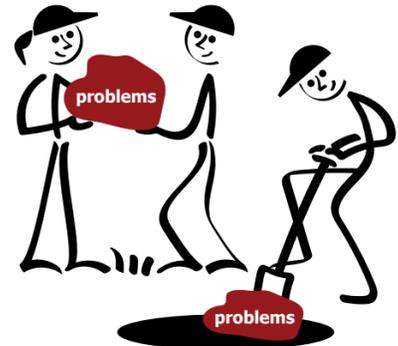


4 Step Rapid Problem Solving

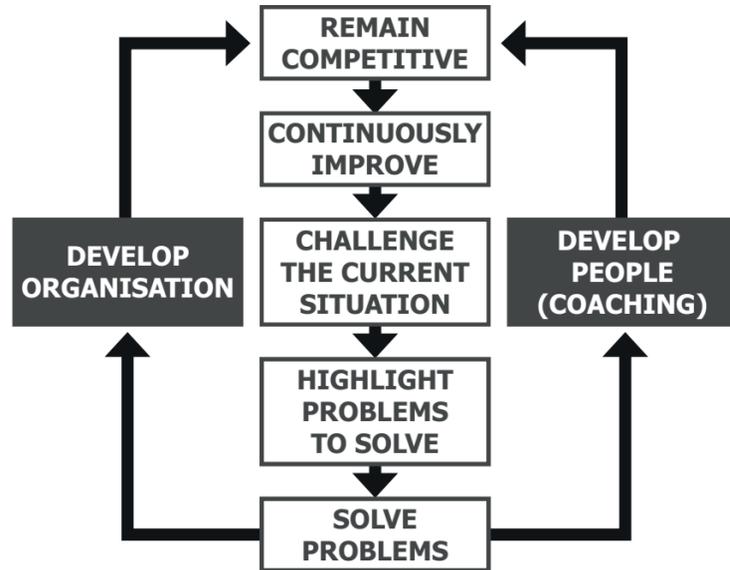
1. PURPOSE

Problems are Good!

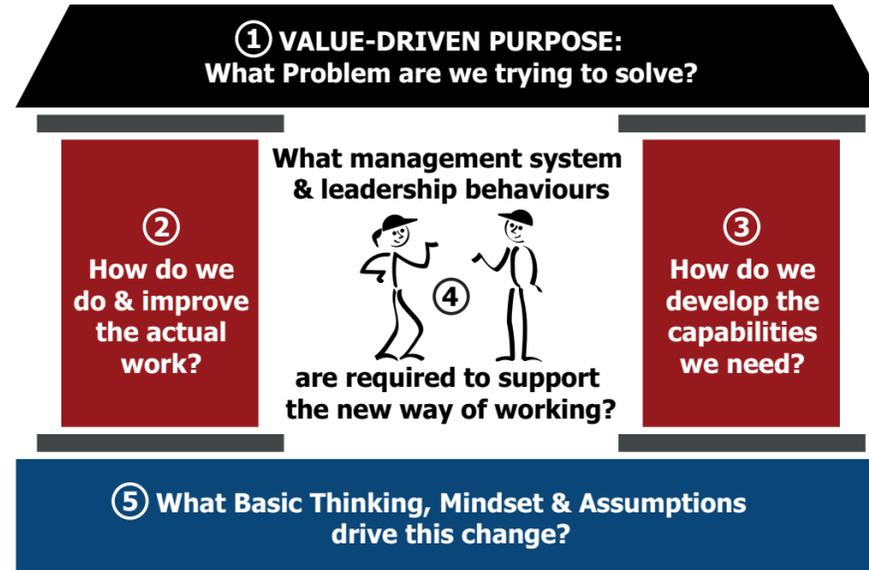


"Having no problems is the biggest problem of all"

Taiichi Ohno



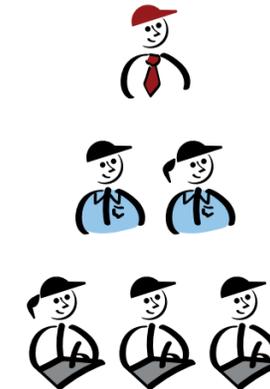
LEAN TRANSFORMATION FRAMEWORK



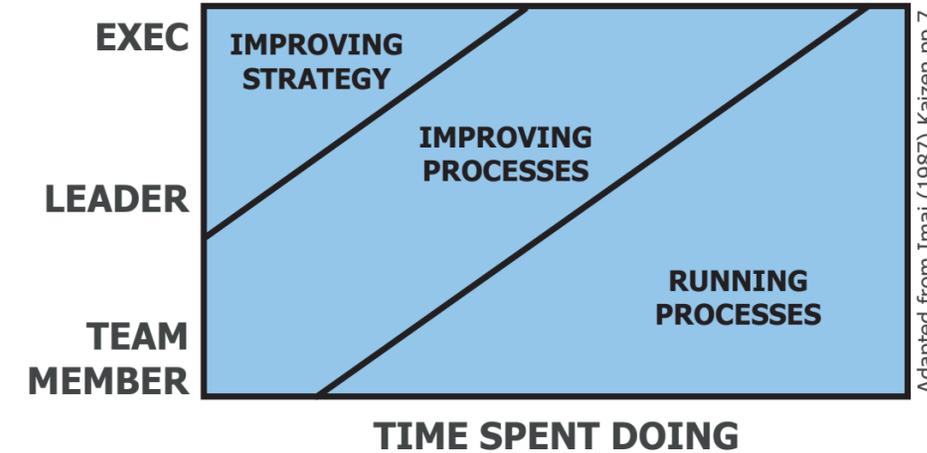
Problem Solving Framework

3. PEOPLE

Roles & Responsibilities



Capable Problem Solvers at all levels



Adapted from Imai (1987) Kaizen pp.7

2. PROCESS

Four Key Elements



PROBLEM SOLVING FRAMEWORK										
Types	Four Types of Problems				Problem Properties		Analysis Required		Approach	Who
	Reactive/Caused	Created/Proactive	3	4	Quantity	Difficulty	Time	Depth		
Methods	1	2	3	4	Quantity	Difficulty	Time	Depth	Scientific, data & fact driven	Technical & Specialists Leadership & Specialists Team Leaders/ Members
Advanced		✓	✓	✓	Few	Hard	Long	Deep		
Practical		✓	✓	✓	▲	▼	▼	▼		
Rapid		✓	✓		▲	▼	▼	▼		
React	✓				Many	Easy	Short	Shallow	Fix it now	Everyone

Leadership

