PI Journey and Learnings

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Agenda

About Scalenow

The Challenge

The Journey

The Learnings

Discussion

About Scalenow

Abhi Chaturvedi

Enterprise Lean Transformation & Training, Agile Coaching, Consulting

- I. A lean evangelist, training organisations and individuals on scaling agility to enterprise levels using SAFe™ framework.
- II. Leveraging lean frameworks to provide a clear synopsis for high level overviews.
- III. Developing corporate strategy using iterative approaches & collaborative thinking; strengthening the value proposition.

The Big Picture **PORTFOLIO Enterprise** Epic Epic Enabler **Epic Enterprise** Owners Architect Backlog Strategic Lean Budgets **KPIs** Themes Lean Portfolio Mgmt Value Streams Metrics Coordination Solution Solution LARGE SOLUTION Demo Demo Shared **Economic** Services Framework Solution Solution Enabler Arch/Eng Mgmt Capability Customer M Backlog Compliance CoP Solution MBSE SOLUTION STE TRAIN Set-Based Solution Context Milestones m **Continuous Delivery Pipeline PROGRAM** Roadmap AGILE RELEASE TRAIN **Business** 00 **Owners DevOps** Product System Vision Culture Continuous Continuous Continuous Release Arch/Eng Mgmt Exploration Integration Deployment on Demand Automation **WSJF** Lean Flow PI Objectives Measurement **System Demos** Recovery System Team Enabler Feature Feature **Backlog Architectural** Feature Feature Runway Enabler Lean UX Iterations • Plan **TEAM** Goals I P P Execute Program Increment 0 0 **Product** Review **Dev Team** Owner Retro Scrum Story Enabler Story I P SW Scrum FW **Built-In Quality** Master HW Kanban **Backlog Develop on Cadence Agile Teams** Leffingwell, et al. @ 2008-2017 Scaled Agile, Inc. Implementation Lean-Agile Core Ⅲ Lean-Agile Leaders Values Principles **C**___⇒ Roadmap Mindset

The Challenge

Background:

PI planning meeting for four ART supporting retail operations Teams had all presented their final plans and had voted high confidence in achieving their objectives

What went wrong:

During the final ART wide confidence vote, 4 product owners gave a confidence of 2!

Issue:

Availability of SMEs. They had NO confidence, the SMEs required to validate the solution would be available, due to conflicting priorities.

The Journey

Solution:

- I. Did root cause analyses and created an action plan (2 hours)
- II. Dropped an entire objective to create better focus
- III. Realistic ways to free SMEs from competing priorities.

Take-away

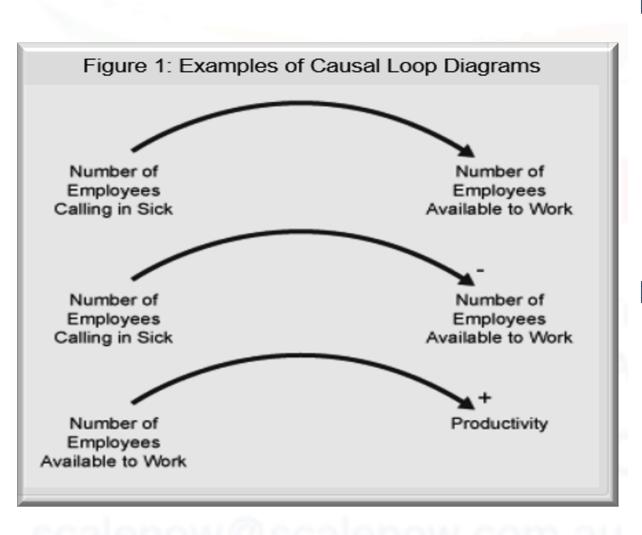
- Confidence vote is critical, root cause analysis is a great tool, two days is critical
- 1.Causal Loop Diagram
- 2. Fish Borne Diagram

The Journey

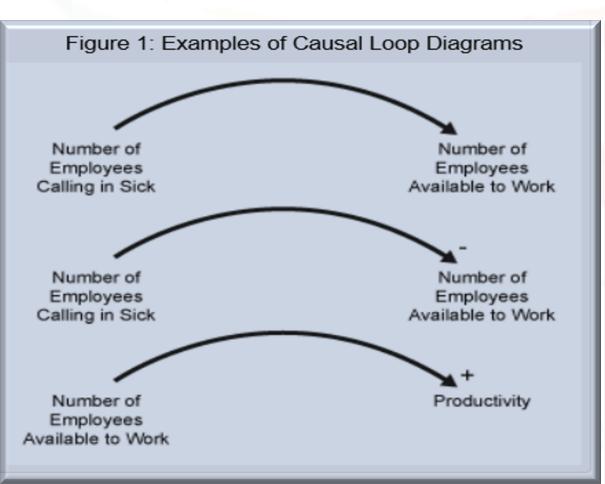
The causal loop diagram (CLD), is a foundational tool used in system dynamics, a method of analysis used to develop an understanding of complex systems.

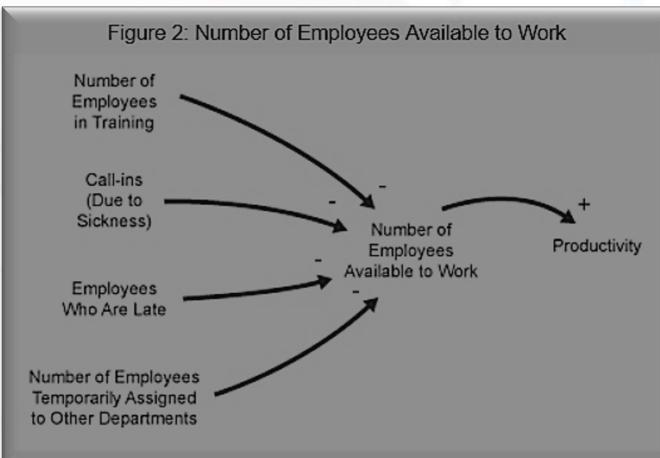
Dr. Jay Forrester of MIT's Sloan School of Management founded system dynamics in the 1950s and his book *Industrial Dynamics* was ground breaking

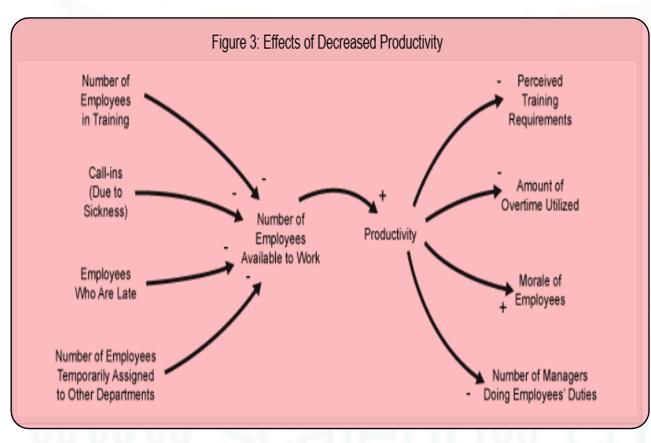
Thirty years later, Peter Senge in his book *The Fifth Discipline* covered in detail systems thinking, another unique discipline, using the CLD as its centrepiece.

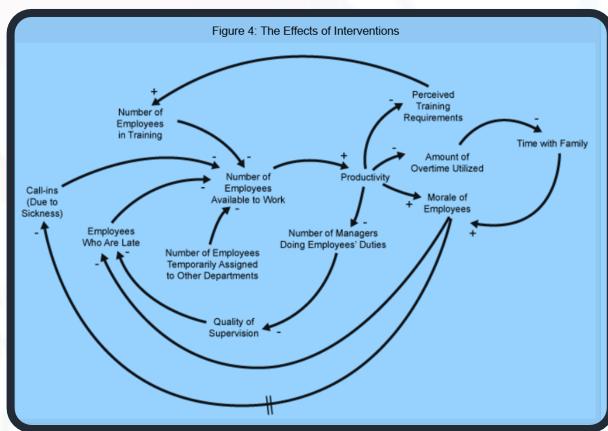


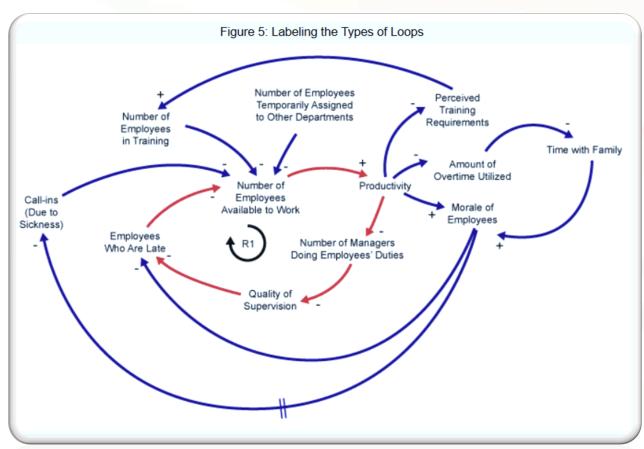
- The minus sign denotes that the first variable causes a change in the opposite direction in the second variable. In this case, as the number of workers calling in sick increases, the number of employees available to work decreases. The minus sign is placed at the head of the arrow as shown in the middle example in Figure 1.
- I. A plus sign is used to signify that a change in one variable causes the second variable to change in the same direction as shown in the bottom example in Figure 1. Thus, as the number of employees available to work decreases, organizational productivity also will decrease.

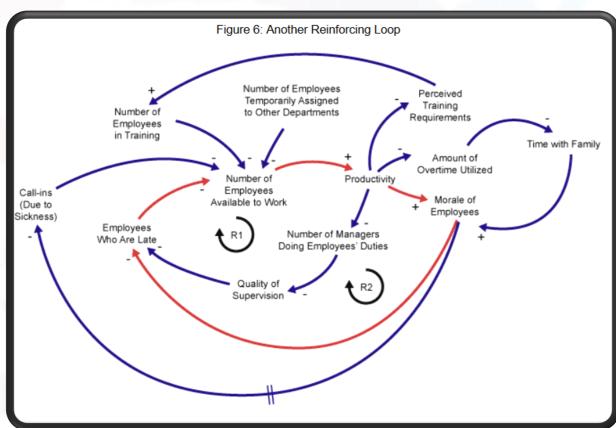


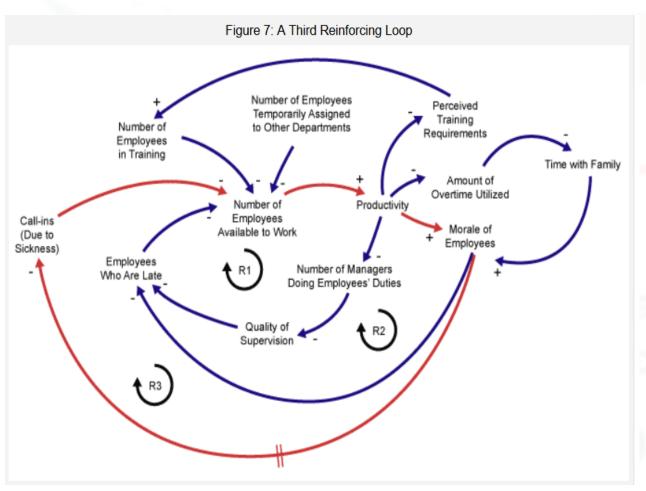


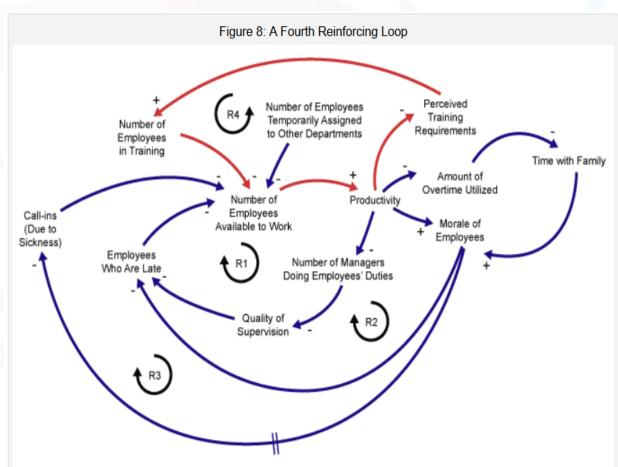




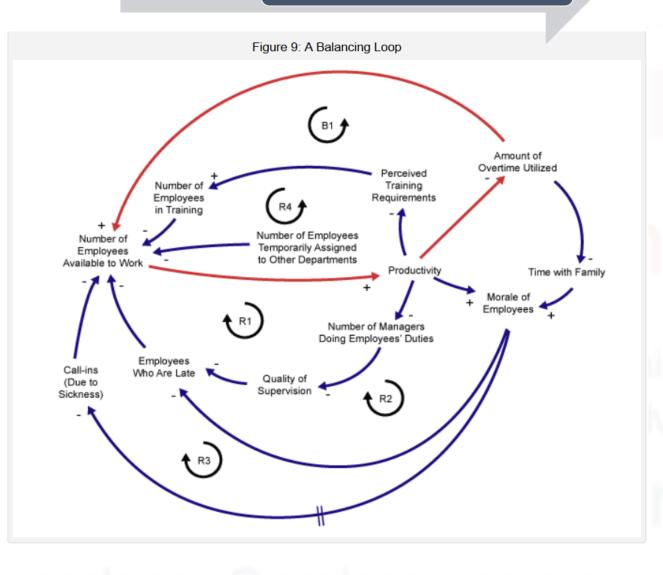




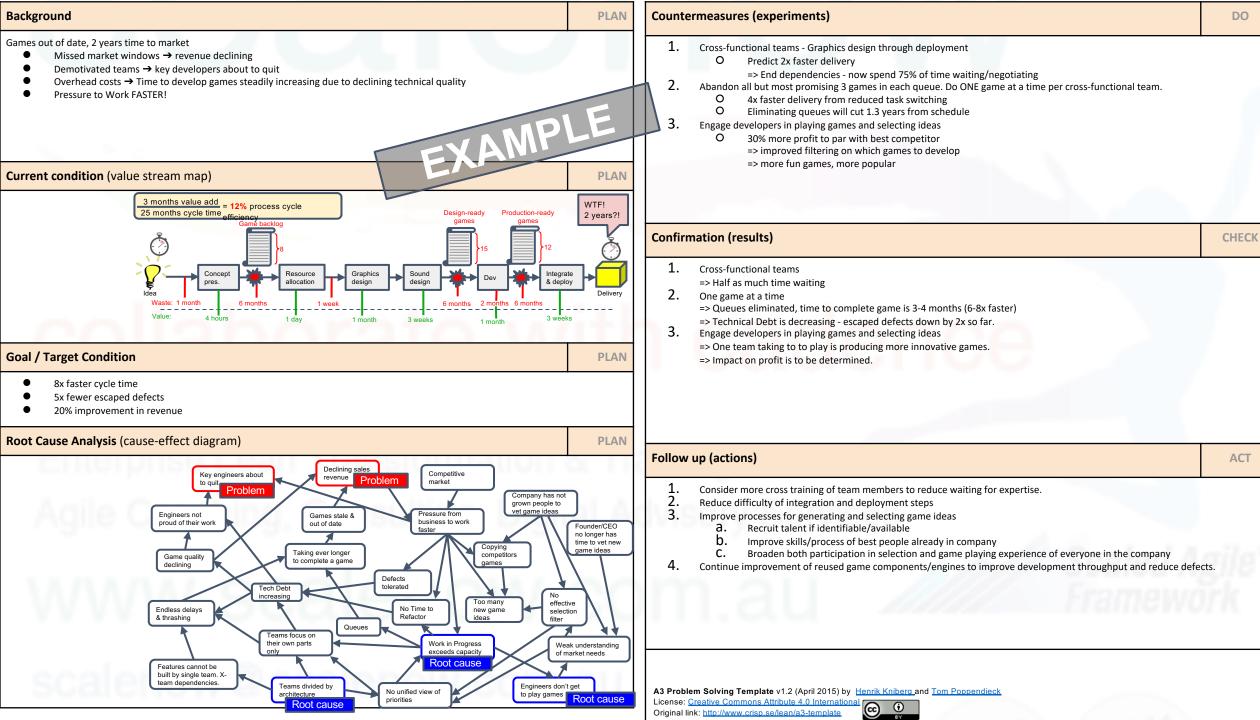




Observations



- I. Determine if those employees in training (especially those locally) can be pulled back early.
- II. Negotiate with those other departments that have personnel on assignment to them to see if their assignment length can be shortened.
- III. Evaluate the training being attended by employees (both currently and in the future) to determine if it has an impact on the strategy and goals of the company. If the training adds no true value or has little-to-no return on investment, consider cancelling it to free up the employees.
- IV. Reinforce human resources policies on tardiness and calling in sick. Remind employees that there are valid steps to follow when calling in sick or late and penalties for abusing these company policies.
- V. See if other departments can offer up employees on temporary assignment.





AGILE TEAMS **SAFe®** For Teams



PRODUCT OWNERS, PRODUCT MANAGERS

SAFe® Product Owner/ **Product Manager**

Discussion



AGILE RELEASE TRAIN **MEMBERS**

SAFe® DevOps Practitioner





EXECUTIVES, MANAGERS, & STAKEHOLDERS

Leading SAFe®



LEAN-AGILE CHANGE AGENTS & CONSULTANTS

Implementing SAFe®

SAFe SCRUM MASTER CURRICULUM



RELEASE TRAIN ENGINEER

Engineer



SAFe® Release Train



ADVANCED

SAFe® Advanced Scrum Master

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contact me directly at +61 (0) 422-149-614 expressing your level of interest for SAFe certifications.



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