

WINEENG 2018 NZ
CONFERENCE & EXHIBITION

**LEAN PRINCIPLES FOR THE WINE
INDUSTRY**

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Wine Industry Observations...oh wait!

- ✓ **Great people:** *Positive, career minded, love what they do...*
- ✓ **Massive seasonal swings:** *Rolling like thunder ...*
- ✓ **Some traditional work silo's:** *The original Lean Challenge = massive opportunity*
- ✓ **Engineering focus on the technical solutions:** *Less focus on the information – to - solution process*

The Challenge for Wine Ind' Engineering....

❑ Where is the Non – Value (waste) in Engineering Process?

❖ Manage refinements to the process:

PLANNING – INFORMATION – DESIGN - DECISION – ACTION

The Balancing Act of Lean Best Practice...



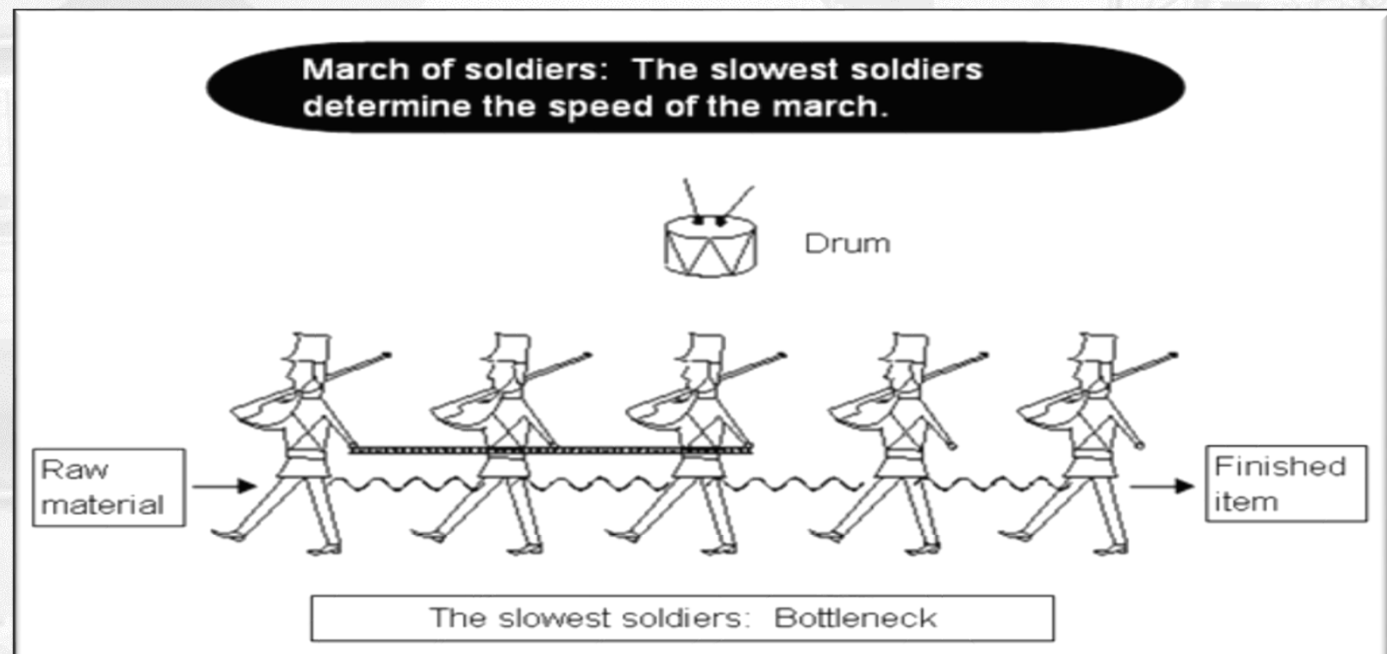
Lean Theory in Action

- Understand Just-in-Time / Theory of constraints
- Think Value vs Non – Value: 9 wastes
- 5S: Process discipline
- Robust Communication Structures

Clever / Conscious Group Work

- Business Strategy: 1-5 YEARS
- Facilitation methods: Problem Solving & Process Mapping
- Project Excellence: Modern Collaboration Tools and Systems

Understand Just-in-Time / Theory of constraints:



- Know where the constraints are
- Identify the true tipping points (People? Procedures?)
- Applied thinking built into the design process

Strategy - Planning - Design- decision phases

Think: Value vs Non - Value

Process Mapping
Skills Applied

Nine wastes applied line by line to a project: During design & decision stages:

5S: Process discipline

On-going improvement

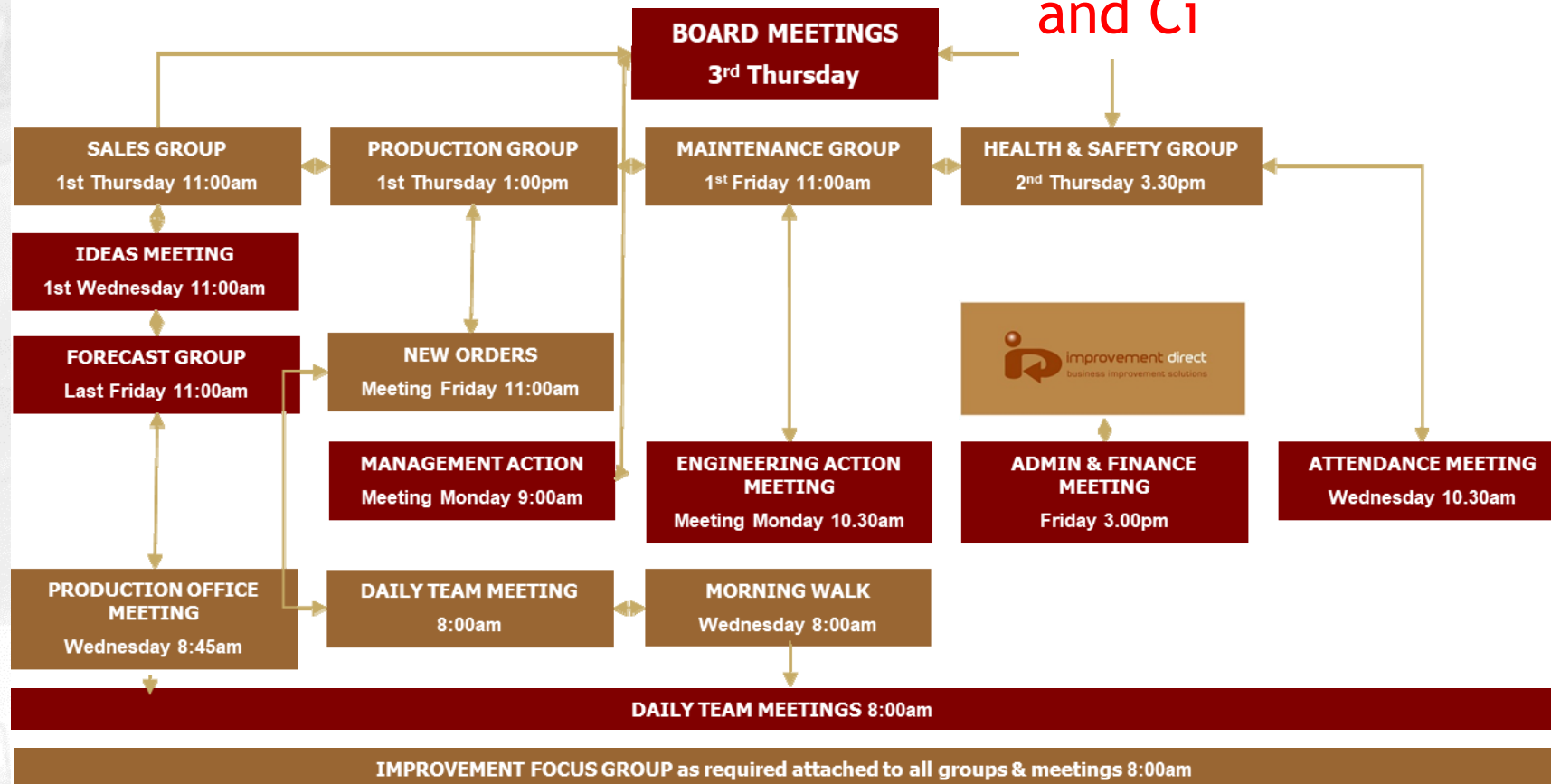
Robust Communication Structures

COMPANY X

Improvement group structure diagram example

This diagram shows an example Improvement group structure for an organisation

Functional and X-functional groups
LOCKED IN: Drives Standard Procedure and Ci



The Balancing Act of Lean Best Practice...



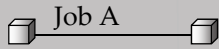

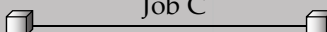
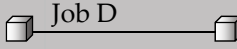
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Clever / Conscious Group Work

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- Scrum / Agile thinking
- Project Excellence: Modern Collaboration Tools and Systems

Facilitation Methods and problem solving

What	Who	JAN	FEB	MAR
Job A	Sally			
Job B	Tom			
Job C	Sid			
Job D	Merry			

TO DO

DOING

DONE

Job A

Job C



Job B



Job F Job E

URGENT

Job D



Scrum & Agile thinking

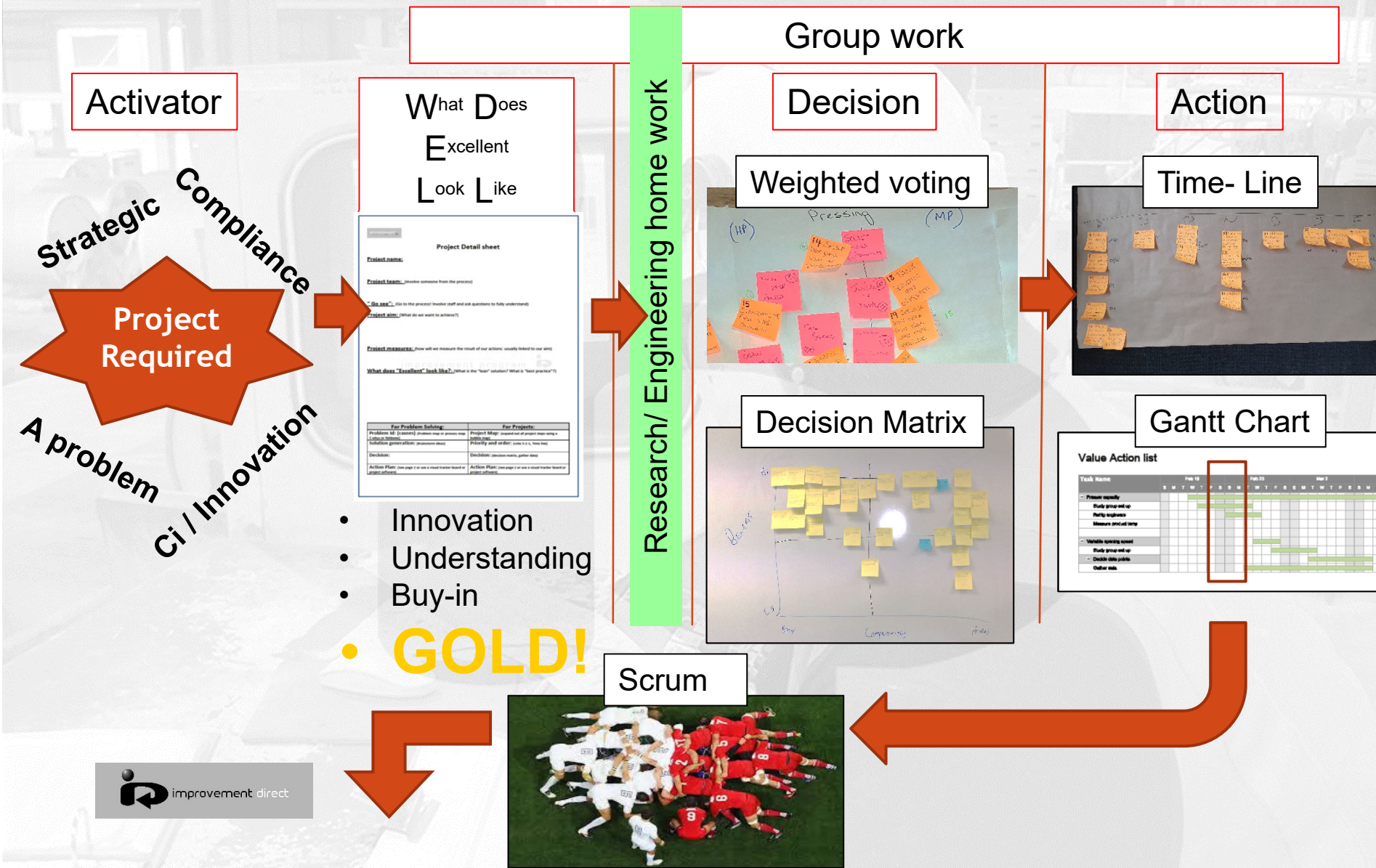
 Design - Make
 Release
 Customer Feedback

Waterfall Project:



Agile / Lean Project:







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