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WINEENG 2018 NZ

CONFERENCE & EXHIBITION

LEAN PRINCIPLES FOR THE WINE INDUSTRY

improvement direct

● Productivity ● People ● Improvement

website www.idirect.co.nz freephone 0800 idirct

contents

- Introducing Improvement Direct
- Wine Industry Observations
- The Challenge for Wine Engineers
- The Balancing Act Lean Tools vs Clever Group Work
- Questions

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…

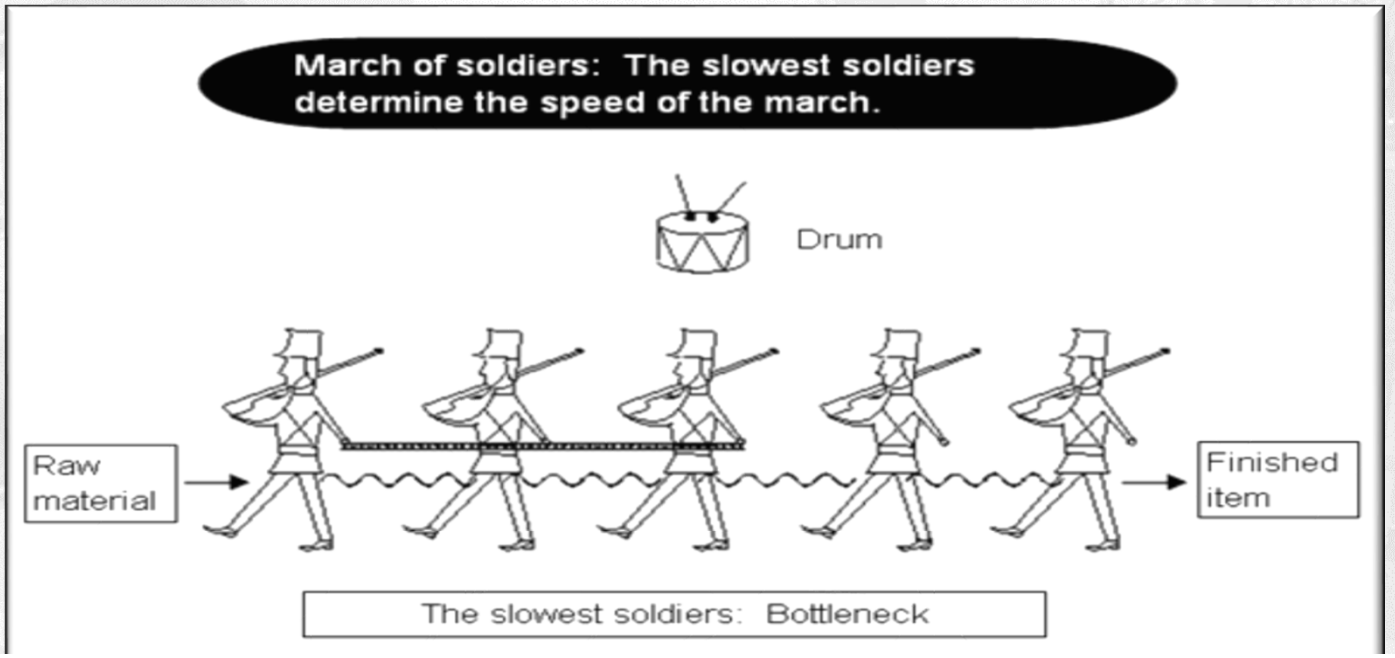
Lean Theory in Action

- 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

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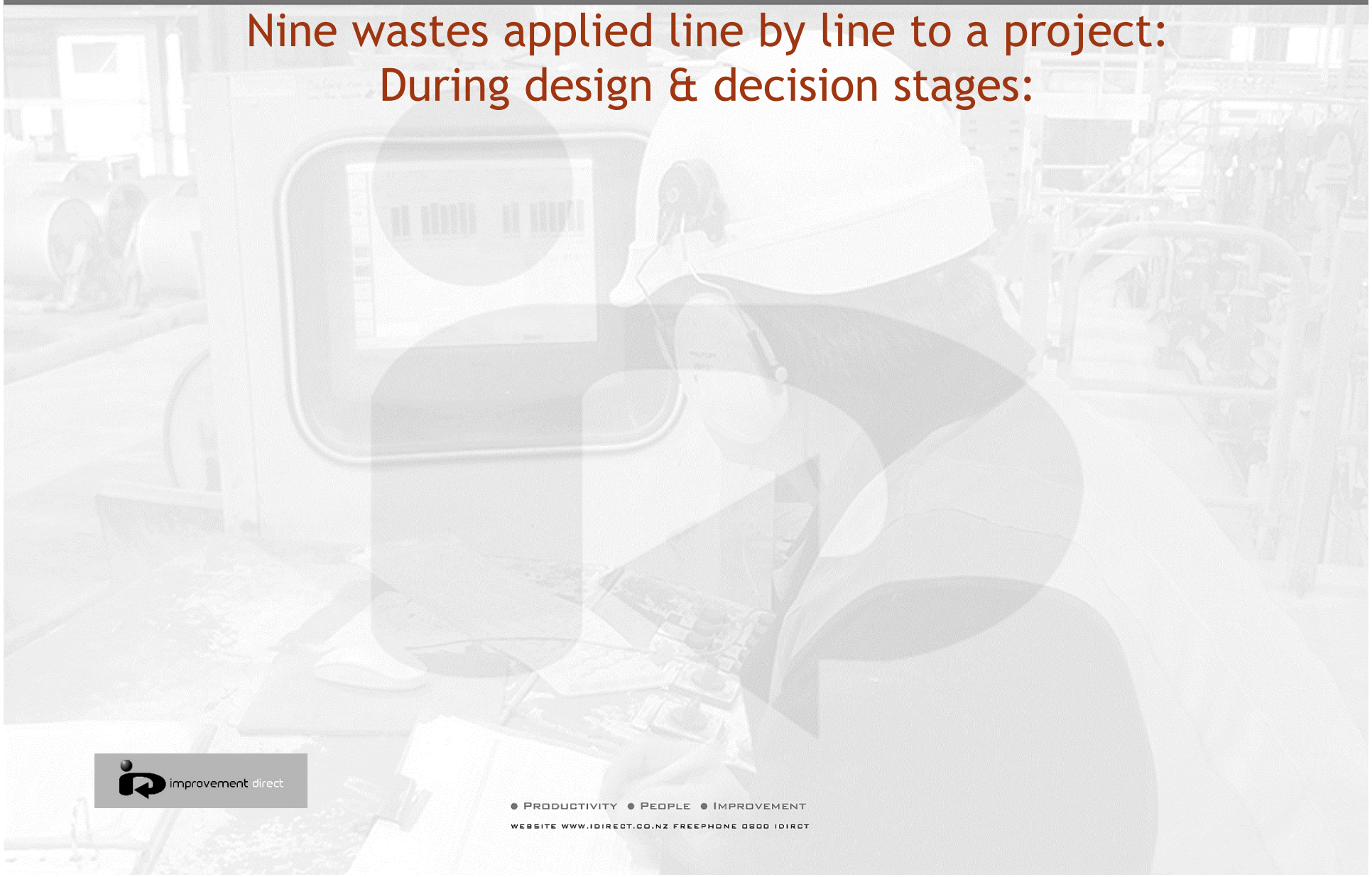
Nine wastes applied line by line to a project:
During design & decision stages:



5S: Process discipline

On-going improvement

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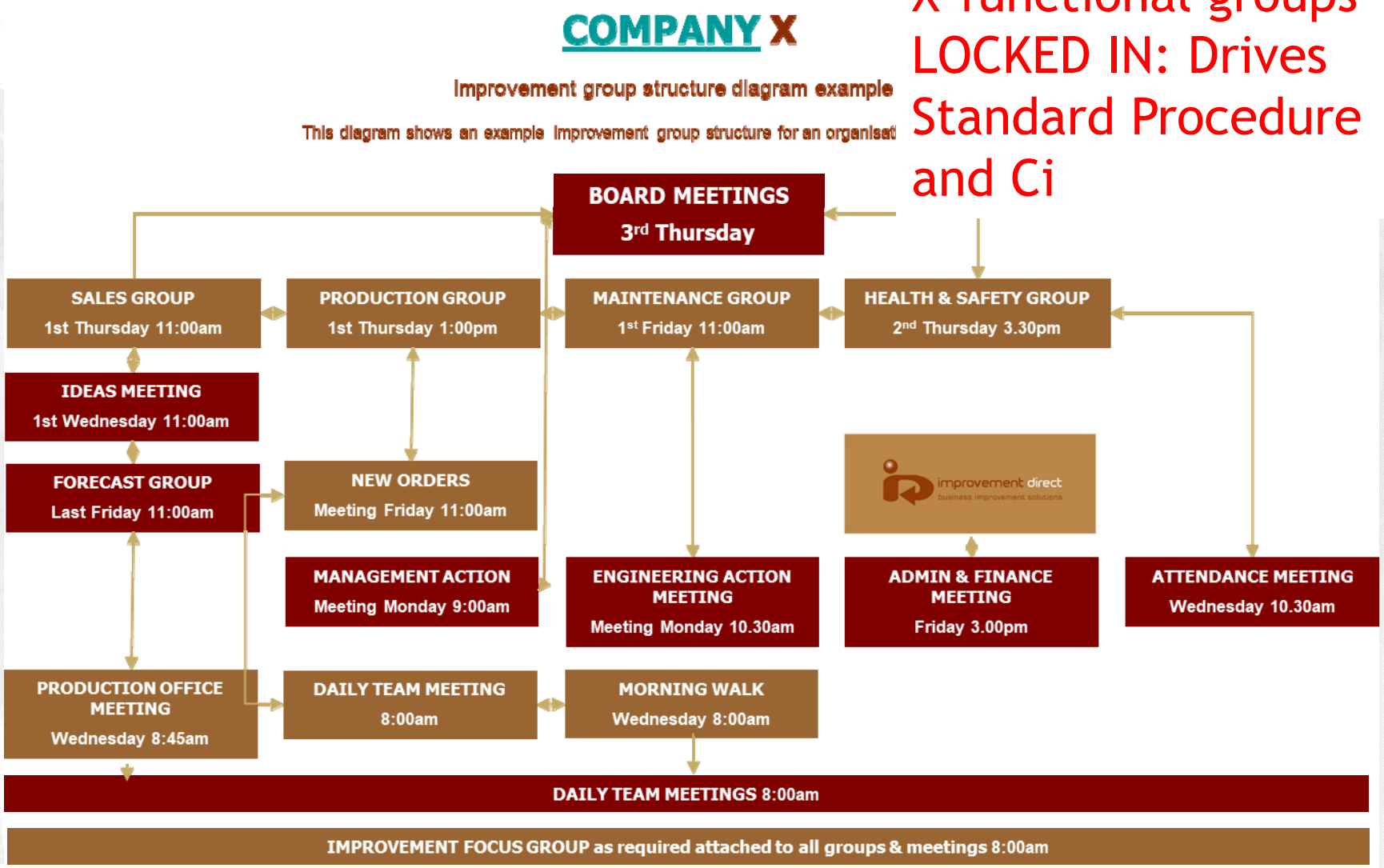
Robust Communication Structures

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



The Balancing Act of Lean Best Practice…

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Facilitation Methods and problem solving

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Scrum & Agile thinking

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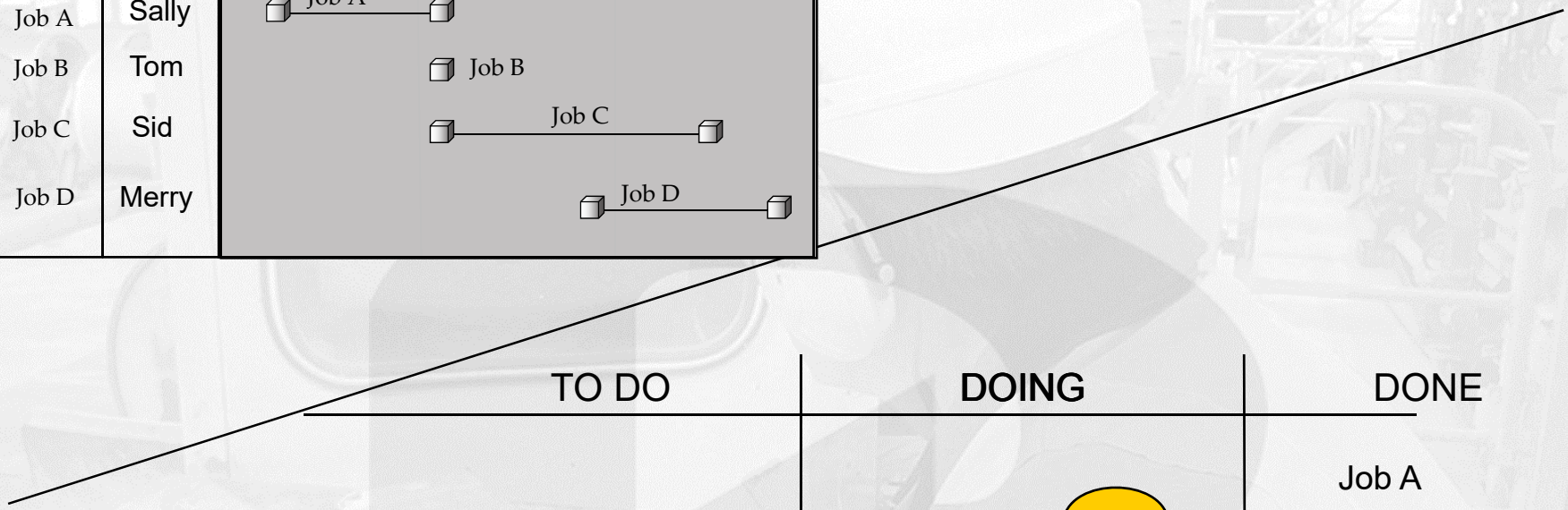
What	Who	JAN	FEB	MAR
Job A	Sally	Job A		
Job B	Tom		Job B	
Job C	Sid		Job C	
Job D	Merry			Job D



Scrum & Agile thinking

Design - Make
Release
Customer Feedback

Waterfall Project:

Agile / Lean Project:

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Group work

Activator

Strategic

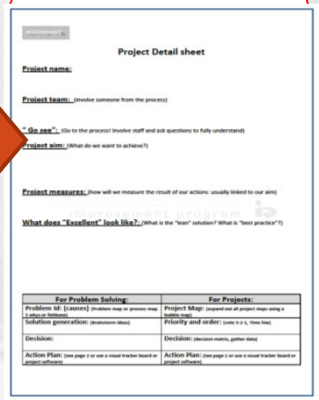
Compliance

Project Required

A problem

Ci / Innovation

What Does Excellent Look Like

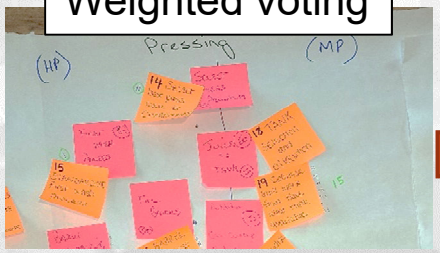


- Innovation
- Understanding
- Buy-in
- **GOLD!**

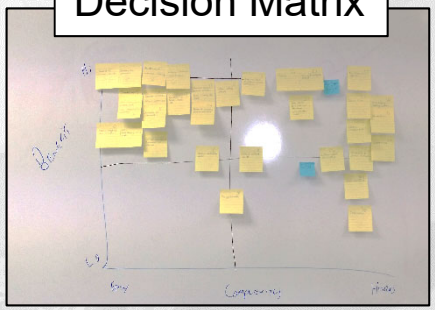
Research/ Engineering home work

Decision

Weighted voting

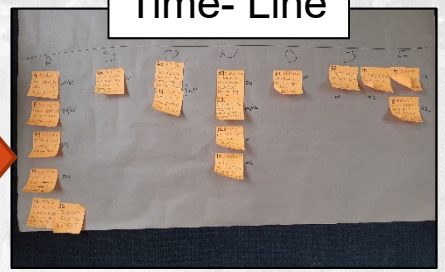


Decision Matrix

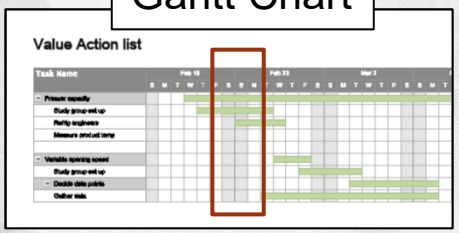


Action

Time- Line



Gantt Chart



Scrum

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