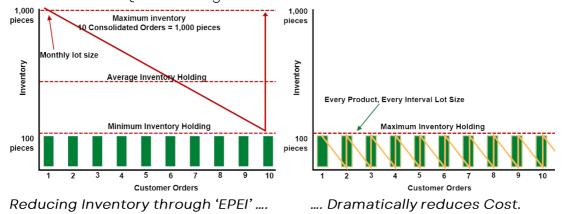


# Implementation Program Quick Change-Overs

### Achieving 'Levelled Schedule' and Reducing Inventory

To implement a 'Levelled Schedule', produce 'Every Product, Every Interval' (EPEI) and achieve significant Inventory Reductions, it is critical that we can do 'Quick Changeovers.'



Executing 'Quick Changeovers' means we can dramatically reduce Inventory, particularly our high-volume, repetitive 'Green Stream' products and services, reduce Cost, attack all '7 Wastes,' and free up valuable warehouse space. Along the way you will improve quality and respond dynamically to changes in consumer demand.

Our Quick Changeover Program takes your people on a journey to dramatically reduce Changeover times through implementing 'Single Minute Exchange of Die' techniques, applying 'Green Stream Thinking' to identify Changeovers to improve. Your team will capture key Changeovers through our 'Action Mapping' methodology, and then implement 'Improvement Projects' to reduce Changeover times.

## **Quick Changeover Implementation Program**

This program will be customised to meet the needs of your industry, sector and scope. A sample program may look like this:

Day 1	Introduce:	
	୍ଜୀ Green Stream Thinking & Levelled Schedule	
	வி Inventory reduction through 'EPEI'	
	வி Quick Changeovers and 'SMED' techniques	
Day 2	Capture key Changeovers – 'Action Map' video	
Day 3	Analyse Changeover 'Action Maps' for opportunities	
	Establish Project Teams to implement improvements	
Ongoing	Project Team Support – online, Zoom/Teams every Friday	



# **Program Concepts**

The key concepts introduced in this Implementation Program are:

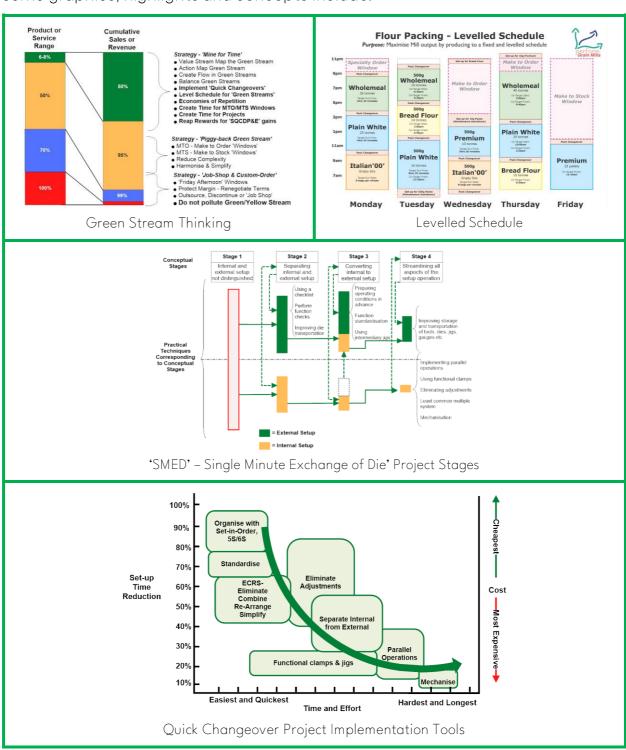
Green Stream Thinking	Apply 'Demand Segmentation' analysis to current product/service range to identify 'Green Streams' for Quick Changeover projects.
Every Product, Every Interval (EPEI)	Demonstrate how making EPEI will dramatically reduce inventory, increase responsiveness to customer demand and significantly reduce Cost.
Levelled Schedule	Demonstrate how a Levelled Schedule promotes 'economies of repetition' and is a pre-requisite for Quick Changeovers and implementing Kanban.
Quick Changeovers	Introduce 'Quick Changeover' philosophy and how Quick Changeovers are a competitive advantage.
SMED Techniques (Single Minute Exchange of Die)	Introduce the 7 SMED Techniques to achieve significant changeover time reduction.
Action Mapping	Introduce 'Action Mapping' methodology to capture key changeovers in time-lapse videos.
Visual Project Management	The principles and practices of effective Visual Project Management for Quick Changeover Improvement projects.
SMED Project Phases	Plan Quick Changeover Improvement projects based on SMED Project Phases.
'ECRS' – Eliminate, Combine, Re- Arrange, Simplify	Analyse Action Maps of changeovers and apply the principles of 'ECRS' to redesign changeover procedures and achieve improvements.
Standardised Work	Capture and document improved changeover procedures to ensure improvements are spread across operators and gains are achieved.



#### Implementation Program Highlights

The 'Quick Changeover Implementation Program' effectively engages all staff in identifying Changeovers to improve and implement Quick Changeovers to achieve a Levelled Schedule and move to 'Every Product, Every Interval' to reduce Inventory and Cost.

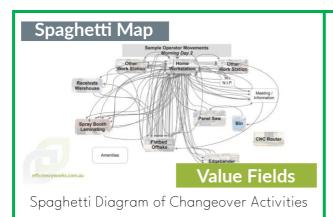
To give you some insight on what to expect in this workshop, some graphics, highlights and concepts include:

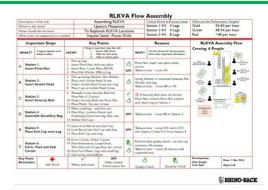




#### Implementation Program Outcomes and Results

The outcomes and results to expect from the 'Quick Changeover Implementation Program' will be agreed with your management team, and our workshop will be customized to meet your goals. To give you some insights and what can be achieved, some ideas include:





Standardise Changeovers



'Action Map of Operations and Changeovers' - Time Lapse Video



Team Review of Action Map Videos to identify Quick Changeover Improvement Projects



# Workshop Details

Duration	Three Day program with ongoing support
Locations	On-Site at your premises.
How many people can attend?	This program is customised to your, attendance will vary depending on the scale/scope of your Changeover Improvement goals.
Target audience?	Operations, Maintenance, Planning/Scheduling, Finance, Logistics and Leadership Teams.
Is this workshop available for conference delivery?	<b>No</b> . This program is designed for implementation.
Is this workshop accredited?	<b>No</b> . For maximum flexibility, to enable customisation, and minimise cost, we do not offer accredited programs.
Can this workshop be customised?	Yes. We are happy to customize all resources – workbooks, handouts etc – with your corporate branding. Contact Glen for pricing.
Can we build In- House capability and deliver ourselves?	Yes. We are happy to help you build in-House capability. Contact Glen for pricing.
Is this program available for delivery in regional locations?	Yes. We enjoy travelling and delivering in regional locations. We minimize travel costs. Contact Glen for an estimate of t&a costs for your location.
ls this program available for on-line and/or remote delivery?	Yes. This workshop can be adapted for remote and on-line delivery. Contact Glen to discuss your needs and costing.
Is there any prework required?	No. This Improvement Program is an iterative process based on discovery and engagement.
ls there post- workshop support?	<b>Yes.</b> We make Fridays available for 'free' postworkshop support.

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 $<sup>^{\</sup>rm 1}$  Free workshop support is available any Friday – up to one hour per client company, upon booking any available slot through our Scheduling Calendar.