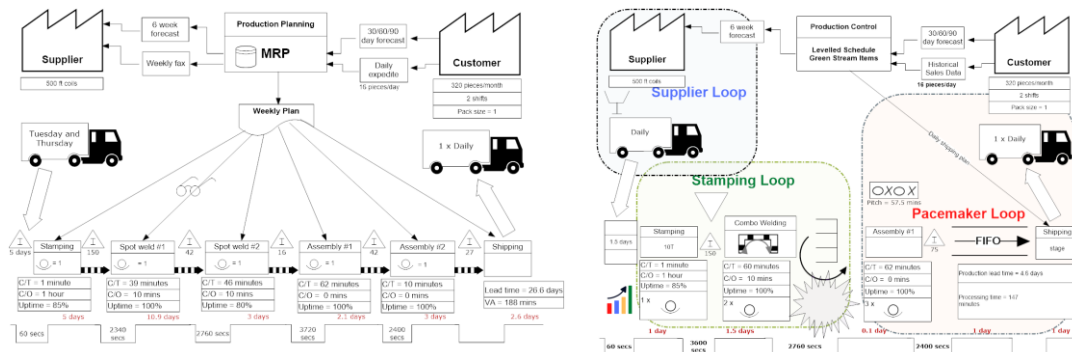


Identifying Improvement Opportunities Value Stream Mapping

Identifying bottlenecks and Improving Productivity

To identify opportunities for improvement we need to map our 'Value Streams. This program teaches you how to Map Value Streams and design 'Future States' to significantly improve your Safety, Quality, Delivery, Cost and People key measures.



Current State Value Stream Map

Future State Value Stream Map

We create real Value Stream Maps so you can see 'The Big Picture' and identify wastes, bottlenecks and barriers to productivity.

Our Value Stream Mapping Program will capture your current performance, particularly for your 'Green Stream' high-volume, repetitive products, and then identify 'Improvement Projects' to improve all key performance measures.

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	<p>Introduce:</p> <ul style="list-style-type: none"> Value Stream Mapping Icons & Symbology How to Map 'Green' Value Streams, gather data
Day 2 (Optional)	Capture key Value Streams - 'Action Map' time lapse video for analysis
Day 3	<p>Create Current State Value Stream Maps</p> <p>Establish Project Teams to implement improvements</p>
Ongoing	Project Team Support - online, Zoom/Teams every Friday

Program Concepts

The key concepts introduced in Value Stream Mapping are:

Green Stream Thinking	Apply 'Demand Segmentation' analysis to current product/service range to identify 'Green Streams' for Value Stream Mapping.
Value-Added and Non-Value Added Activities	Activity is not the same as 'Productive Work' – some things we do 'Add Value', but many activities are Non-Value Added – and should be reduced or eliminated to increase productivity and lower Cost.
Value Stream	A Value Stream is all the activities, Value-Added and Non-Value Added, to bring a product or service into the arms of a customer.
Genchi Genbutsu: The Three Reals	Introduce 'Quick Changeover' philosophy and how Quick Changeovers are a competitive advantage.
Muda – The Seven Deadly Wastes	Introduce the 7 Deadly Wastes and how to identify them in your Value Stream Maps.
Action Mapping	Introduce 'Action Mapping' methodology to capture the Value Stream in time-lapse video for analysis.
Value Stream Mapping Icons	We introduce the Icons and Symbology used to map your Current State and design a Future State.
Material and Information Flows	Material Flows are easy to see – but it is equally important to capture 'Information Flows.'
'Push' and 'Pull'	Identify the difference between 'Push' and 'Pull' systems – we should <i>Flow</i> where we can, <i>Pull</i> where must, and never <i>Pull</i> .
Takt Time	Everyone needs to know the 'Takt Time' – rate of customer demand – in order to design productive 'Future States' that reduce Inventory and lower Cost.
Levelled Schedule	We introduce 'Green Stream Thinking' and how a Levelled Schedule, particularly for Green Stream items, is a key component of your 'Future State.'

Value Stream Mapping Highlights

The 'Value Stream Mapping Program' effectively engages all staff in capturing 'Current State Value Stream Maps' to identify opportunities for improvement and design Future State Value Stream Maps to eliminate Waste, improve Productivity and reduce Cost.

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

Move from 'Push' to 'Pull'

Moving to One-Piece Flow

Takt = 35 hours

Takt = 35 hours

Balancing Line to Takt

Green Stream Thinking

- Strategy - 'Mine for Time'**
 - Value Stream Map the Green Stream
 - Action Map Green Stream
 - Create Flow in Green Streams
 - Balance Green Streams
 - Implement 'Quick Changeovers'
 - Level Schedule for 'Green Streams'
 - Economies of Repetition
 - Create Time for MTO/MTS Windows
 - Create Time for Projects
 - Reap Rewards for 'SQCDP&E' gains
- Strategy - 'Piggy-back Green Stream'**
 - MTO - Make to Order 'Windows'
 - MTS - Make to Stock 'Windows'
 - Reduce Complexity
 - Harmonise & Simplify
- Strategy - 'Job-Shop & Custom-Order'**
 - 'Friday Afternoon' Windows
 - Protect Margin - Renegotiate Terms
 - Outsource, Discontinue or 'Job Shop'
 - Do not pollute Green/Yellow Stream

Flour Packing - Levelled Schedule

Purpose: Maximise Mill output by producing to a fixed and levelled schedule

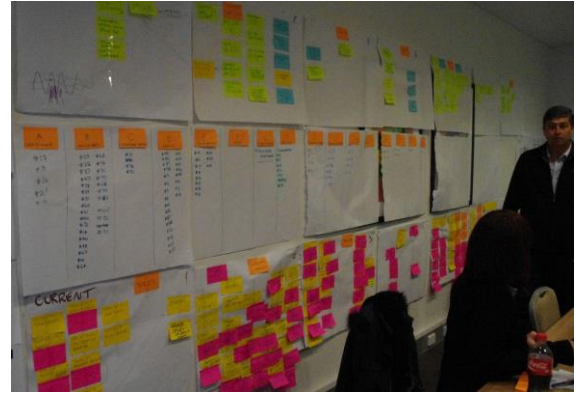
Levelled Schedule

Value Stream Mapping Outcomes and Results

The outcomes and results to expect from 'Value Stream Mapping' 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:



Value Stream Map Detail



Equipment Rental Value Stream Map



Value Stream Map HVAC Manufacturer



Team Constructing Value Stream Map

Workshop Details

Duration	Two or Three Day program with ongoing support (Three-Day program includes <i>Action Mapping</i>)
Locations	On-Site at your premises.
How many people can attend?	Any number – we map multiple Value Streams, so each team can map their own Value Stream.
Target audience?	Operations, Maintenance, Planning/Scheduling, Finance, Logistics and Leadership Teams.
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.
Is 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 this workshop available for conference delivery?	No. This program is designed to map Value Streams and implement improvements.
Is this workshop accredited?	No. For maximum flexibility, to enable customisation, and minimise cost, we do not offer accredited programs.
Is there any prework required?	No. This Improvement Program is an iterative process based on discovery and engagement.
Is there post-workshop support?	Yes. We make Fridays available for ‘free’ ¹ post-workshop support.

¹ Free workshop support is available any Friday – up to one hour per client company, upon booking any available slot through our Scheduling Calendar.