



## SCENARIO EVALUATION & IMPLEMENTATION TO IMPROVE YOUR PROCESSES

### WHY CONSIDER PROCESS DEVELOPMENT?

To remain competitive, companies regularly need to review existing processes, identify gaps and faults within current models and then develop new and innovative processes that improve the current state. By using digital tools and creating abstracted real-world models, HSSMI can assess different alternatives and run tests to validate investment before implementation.

Whether you are an innovation and manufacturing veteran or a company just embarking on your journey, HSSMI can guide you through new process development, process mapping and process simulations. We can help you with:

- 1 Identifying "hotspots" in your processes.
- 2 Improving throughput and efficiency.
- 3 Reducing waste, be it physical or related to emissions, labour, time or over processing.
- 4 Integrating innovative processes and technologies.
- 5 Being more flexible in reacting to unforeseen circumstances.
- 6 Mitigating risks when implementing new products or changes.

### WHY HSSMI?

HSSMI is a sustainable manufacturing innovation consultancy with extensive skills and capabilities in lean manufacturing and circular economy. This enables us to provide an independent perspective on your organisation's journey towards process improvement. We appreciate that each manufacturing business is different and endeavour to provide tailored solutions that work for your business's way of thinking.





## WHAT DO WE OFFER?

HSSMI can help you improve your processes via a series of steps. Each step can be done in person or online.

### 1 Workshop

The first stage is structured around a workshop which includes expert advice and facilitation from our consultants. The purpose of the workshop is to understand the priorities and objectives of your business, as well as the challenges you would like to target for improvement.

### 2 Survey and Process Mapping

In the second stage, we carry out a survey to identify the processes that most closely relate to your challenges, and your current state with regards to those processes. The process mapping activity establishes a priority in your processes that would offer the greatest benefit to your bottom line.

### 3 Process Simulation

At this stage, we use our suite of digital tools to assess different process alternatives. Depending on the challenges at hand, we could improve product flow to remove congestions points (bottlenecks), optimise batch size and reduce lead time. If we are helping you implement a new process, simulation will help anticipate issues in the implementation stage and design innovative processes while minimising disruption in the production line.

### 4 Implementation

To facilitate implementation, HSSMI will use a bespoke software solution, which creates a live, cloud-based roadmap, accessible only by your organisation. The roadmap provides an interactive action plan that designated members of your organisation can use to help define, shape and direct your business's improvement plan.