



KEY SERVICE: VALUE STREAM MAPPING AND WASTE REDUCTION

WHY IS IT IMPORTANT TO UNDERSTAND YOUR VALUE STREAM?

The value stream map shows the link between flow of material/data, the sequence of processes used, and the system controlling from order placement to goods or services delivered and payment. The overall picture of the entire flow helps you to see the source of waste and its facilities change management. It is the blueprint for continuous improvement. It encourages cross functional working and leads to total cost analysis.

Identifying all sources of waste is important as they represent potential challenges, risks, and opportunities in brand, IP, risk management, innovation, procurement, cost, labour, health and safety (H&S), and time.

WHY HSSMI?

HSSMI is a sustainable manufacturing innovation consultancy, with a unique focus on sustainable manufacturing. Our manufacturing experience coupled with extensive skills and capabilities in lean manufacturing and circular economy allows 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' way of thinking.

HOW HSSMI CAN HELP

HSSMI follow a six-phase business improvement approach:



Phase 1: Project Definition and Verification

Understand the enterprise value proposition and set borders around the process that will be studied and improved. Create a project charter with milestones, project risks and mitigations. Assign a cross functional team with representation of management and all stake holders for the process to be improved.



Phase 2: Stakeholder engagement, Data Gathering & Current State Map

Gain clear understanding of the process flow, create graphical representation with illustrative descriptions of how things are done and current performance for time, cost and resources required. Achieve stakeholder buy-in, for the current process performance and opportunities.



Phase 3: Identification of Opportunities (Future State)

On this phase the team will identify opportunities for improvement, typically areas where most of the waste or non-value-added activities are. By finding an alternative process that can address these opportunities a future state map will be created. This will be realised through engagement with process owners and their customers to demonstrate feasibility.



Phase 4: Benefit Analysis

By comparing the current state map versus the future state map, a detailed analysis of each process will review the improvement opportunities in terms of cost, time and resources used and allow the total process improvement and the resulting benefits to be quantified. The resulting benefit analysis will show the size of the opportunities as well as the required resources to implement and the resulting payback.



Phase 5: Action Plan and project road map generation

This phase will focus on defining an action plan to implement the desired change with quantified investment and resources required. Actions will be prioritised based on predefined success criteria, impact, and risk analysis. It is therefore important that key concepts are well communicated and understood.



Phase 6: Project Close out & Lessons Learnt

After the implementation it is important to capture the final state of the process as this will form the basis for continuous improvement and any subsequent VSMs required due to new products or services offerings introduced in the business. To make sure that the experience is positive and will be repeated in other areas of the business, it is therefore important to capture lessons learnt during the project so they can feedback future VSM activities in your organisation.

