



## EXTRACT MAXIMUM VALUE FROM YOUR PACKAGING

### WHAT IS PACKAGING OPTIMISATION?

Packaging optimisation focuses on evaluating and changing the current state of packaging waste in your facility. We will assess your current waste volumes, identify cost saving opportunities, design improvements and lead the implementation of new processes to achieve change.

Whether you are an innovation and manufacturing veteran or a company just embarking on your journey, HSSMI can help you to:

**Understand and forecast trends in your waste volumes and waste streams**



**Roll out packaging and waste saving strategies**



**Have greater control over packaging waste**



**Reconsider your existing packaging designs**



**Understand and reduce waste disposal costs**



**Implement clear and simple segregation strategies**



### WHY HSSMI?

HSSMI is a sustainable manufacturing innovation consultancy. Our manufacturing experience, coupled with extensive skills and capabilities in packaging design and waste management, 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's way of thinking.



## WHAT DO WE OFFER?

HSSMI can help you evaluate your packaging waste via a series of steps. Each step can be done in person or online.

## PACKAGING OPTIMISATION

### 1 Waste Audit

The primary purpose of the waste audit is to:

- Understand the flow of packaging waste throughout your facility
- Identify opportunities to reduce contamination of the recycling streams
- Reduce leakage of recyclables into the general waste

### 2 Packaging Current State Assessment

Once you provide us a year's worth of packaging waste data, HSSMI will assess the current state of your packaging waste.

The outcome will be an analysis of:

- Volumes of packaging waste per unit produced
- Identification of waste streams
- Volumes of waste per supplier
- Quality and type of waste
- Forecasting of waste volumes and cost

### 3 Solution Recommendation

HSSMI will develop a report identifying opportunities for improvement and cost savings. These can include:

- Sorting and segregation opportunities
- Packaging design / specs implementation recommendations
- Alternatives to existing packaging solutions
- Recommendations on waste disposal cost reduction
- Waste logistics standardisation within the plant and waste yard optimisation

### 4 Proof of Concept

HSSMI will undertake a life cycle analysis (LCA) that provides an assessment of the material and energy that go into processes.

This LCA provides you with the proof of concept you need to confirm our recommendations:

- Waste reduction
- Energy reduction
- CO2 reduction
- Reduction of other environmental impacts

### 5 Implementation

To facilitate the implementation of your preferred solution, HSSMI will use a bespoke software, 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.