



London TDM

# Quality and Productivity Improvement Training Courses

**Course Venue:** Malaysia - Kuala Lumpur

**Course Date:** From 16 November 2025 To 20 November 2025

**Course Place:** Royale Chulan Hotel

**Course Fees:** 6,000 USD

## Introduction

Value Stream Mapping (VSM) is an essential Lean management tool that helps organizations visualize and analyze their processes to eliminate waste and improve productivity. This 5-day professional course is designed to equip participants with the knowledge and skills required to effectively utilize VSM for waste elimination in their operational processes. By the end of this course, participants will have practical insight into leveraging VSM for continuous improvement.

## Objectives

- Understand the principles of Lean Management and Value Stream Mapping
- Identify various types of waste in processes and operations
- Develop the ability to create current state and future state maps
- Learn techniques for effective waste elimination
- Apply VSM in real-world scenarios to drive continuous improvement

## Course Outlines

### Day 1: Introduction to Lean Principles and Value Stream Mapping

- Overview of Lean principles and the role of VSM
- Understanding value and waste in the context of Lean
- The history and evolution of VSM
- Key symbols and conventions used in VSM
- Hands-on exercise: Drawing a basic VSM

### Day 2: Identifying and Understanding Waste

- Introduction to the 8 Wastes in Lean methodology
- Techniques for identifying waste in processes
- Case study: Real-life waste identification
- Group activity: Waste walk in a simulated environment
- Tools and technologies for waste measurement

### Day 3: Creating Current State Maps

- Steps to develop a current state map effectively
- Analyzing process flow and information flow
- Identifying bottlenecks and constraints
- Workshop: Constructing a current state map
- Review and feedback on current state maps

### Day 4: Designing Future State Maps

- Principles of designing an efficient future state map
- Strategies for process improvement and waste reduction
- Action plans for implementing future state maps
- Exercise: Building a future state map
- Peer review of future state map designs

## **Day 5: Implementing Value Stream Mapping for Continuous Improvement**

- Roadblocks and challenges in implementing VSM
- Monitoring and sustaining improvements
- Case study: Successful VSM implementation
- Developing a continuous improvement culture
- Final project presentation and discussion