



# Waste to Cash

“Lean Thinking”

Productivity Enhancement Awareness Program

15<sup>th</sup> August 2007 - AMI Seminar Room

## Overview

Lean Thinking is a management philosophy focusing on elimination of waste (*muda*) in the system. The 7 wastes in the system are over-production, waiting time, transportation, over processing, inventory, motion and scrap.

Lean Thinking started from Just-In-Time (JIT) principles by the founder of Toyota, Kiichiro Toyoda. Under the leadership of Taiichi Ohno, in 1950, Toyota strives to eliminate *muda* by emphasizing on managing unevenness (*mura*) and overburden (*muri*) in their operation by using a systematic process management philosophy known as Toyota Production System (TPS). In 1991, Womack and Jones, and the team from MIT coined the word “Lean” for the manufacturing system without “frills” that they have observed in the Japanese manufacturing environment. Since then, the concept of Lean Thinking has been adopted globally by many organizations spanning from service and manufacturing industries.

Lean Thinking implementation results in enhanced cost, cycle time reduction and most importantly satisfying customers on delivery, quality and price.

## Goals and objectives

Through this program, participants will learn about:

- Lean Thinking principles
- 4 pillars of Lean management
- The importance of lean enterprise
- 7 types of waste in the system
- Learning enterprise

## Course topics

- Introduction to Lean Thinking
- The 7 waste
- Benefits from Lean Thinking implementation
- Glimpse on “Toyota Production System”
- 4 management principles
- Just in time principle
- Autonomous (*Jidoka*)
- Creating learning enterprise
- Common techniques in Lean journey
  - Value Stream Mapping
  - Kanban
  - Practical Problem solving
- The road to Lean
- Organization’s DNA make over
- Consensus building
- Continuous Improvement

## Duration - 1 Day

## Who should attend

Managers, Process Engineer, Production Leader/Supervisor and who ever interested to learn more about Lean Manufacturing

## Program fees

Normal: RM 400

Ask for special price\*

*\*Term and Condition apply. Please contact us for details:*

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## Level - Basic



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