A joint collaboration between





# PROJECT

AZEN

A Competency-Based Workplace Learning Project in Lean Thinking and Practice

In support of:

THE





The partnership with SkillsFuture Singapore (SSG), SMRT Corporation Pte. Ltd. (SMRT) and Singapore Institute of Technology (SIT) aims to develop manpower and promote Kaizen practices and solutions for local enterprises. We work with local companies to identify and address performance gaps with sustainable solutions for long-term productivity gains.

At the heart of Kaizen thinking is maximising customer value while minimising waste. Simply put, Kaizen practices create more value for businesses using fewer resources. It is efficiency at its finest.

PROMOTING **KAIZEN** CULTURE, THINKING AND PRACTICE

# WHAT WE OFFER



Subsidised training fees (Up to 90% from SSG for SMEs)



Expertise From SIT Faculty



Specialised Kaizen programmes



Grants For collaborative projects

Networking opportunities

THE KAIZEN

# PROJECT

The Kaizen Project is developed to help local small and medium-sized enterprises (SMEs) apply Kaizen techniques with coaching provided by trained SMRT and SIT faculty and staff. This 3-month programme comprises classroom trainings, customised on-site Kaizen improvement activities and project coaching.

# KAIZEN PROJECT PHASES

Phase 1 (32 hours)
Training and Scoping

Kaizen Training

Phase 2 (32 hours) Plan-Do-Check-Act

**Project Coaching** 

Assessment will be conducted at the end of Phase 1 and 2. It includes both an individual component and a group project presentation component.



Problem scoping Introduction to Kaizen

Investigate current situation

Gemba walk

• Learn relevant Kaizen tools

Ø

- Perform root cause analysis
  - Develop countermeasures

**Experiment countermeasures** 



Plan-Do-Check-Act (PDCA)

### At the end of the programme, participants will have:

- Kick-started a culture of continuous improvement
  - Addressed a current company challenge
- Learnt a structured problem-solving methodology



# **COURSE FEES**

Category	Full Fee	After SF Funding
Singapore Citizen (Below 40) / Singapore PR	<del>\$9,630.00</del>	\$2,889.00
Singapore Citizen (40 & above) * After SF Mid-Career Enhanced Subsidy	<del>\$9,630.00</del>	\$1,089.00
<b>SMEs</b> * After Enhanced Training Support for SMEs	<del>\$9,630.00</del>	\$1,089.00
Non-Singaporeans	\$9,630.00	Not Eligible

Completion

#### Note:

All figures include GST. GST applies to individuals and Singapore-registered companies.

• You can opt for either SF Series Funding or Mid-Career Enhanced Subsidy. Both cannot be combined.

#### Terms & Conditions:

#### **SkillsFuture Funding**

In order to be eligible for the 70% training grant awarded by SkillsFuture, applicants (and/or their sponsoring organisations where applicable) must:

- 1. Be a Singaporean Citizen or Singapore Permanent Resident
- Not receive any other funding from government sources in respect of the actual grant disbursed for the programme

#### SkillsFuture Mid-Career Enhanced Subsidy

To be eligible for the 90% enhanced subsidy awarded, applicants (and/or their sponsoring organisations where applicable) must:

- Be a Singaporean Citizen
   Be at least 40 years old
- Not receive any other funding from government sources in respect of the actual grant disbursed for the programme

## Enhanced Training Support for SMEs (ETSS)

To be eligible for the 90% enhanced subsidy awarded, applicants must: 1. Be a Singaporean Citizen or

- Singapore Permanent Resident
- 2. Be an SME-sponsored employee
- Not receive any other funding from government sources in respect of the actual grant disbursed for the programme

Strive for perfection **5** through continuous improvement

Define the value of a product or service from the customer's perspective

1

Switch to a demandbased system

> Create a continuous flow

5 CORE

PRINCIPLES

Identify and visualise the value flow and eliminate waste

2



Compulsory Core Topic	s (24 hours)
Introduction to the Kaizen Methodology	Kaizen Evolution • 5 Core Principles
Essential Kaizen Fundamentals	• 8 Wastes • Root Cause Analysis • Gemba
Essential Kaizen Tools	<ul> <li>Value Stream Mapping</li> <li>TAKT Time</li> <li>5S</li> <li>Visual Management</li> </ul>
Essential Kaizen Implementation Tools	• PDCA • A3

### Specialised Kaizen Topics (Up to 8 hours)

Topics to cater to project-specific requirements (E.g. Standard Work, Kanban, Jidoka, Performance Metrics, etc.)

**SMRT** Trains Ltd 300 Bishan Road Bishan Depot Singapore 579828 Project-Kaizen-Team@smrt.com.sg

National Centre of Excellence for Workplace Learning (NACE@SIT) Singapore Institute of Technology 10 Dover Drive, Singapore 138683



SIT.NACE@singaporetech.edu.sg