

# THE LEAN! PROJECT

A member of:



**Lean Global Network**

In support of:

**SKILLS** *future* **SG**

# Promoting Lean culture, thinking and practice

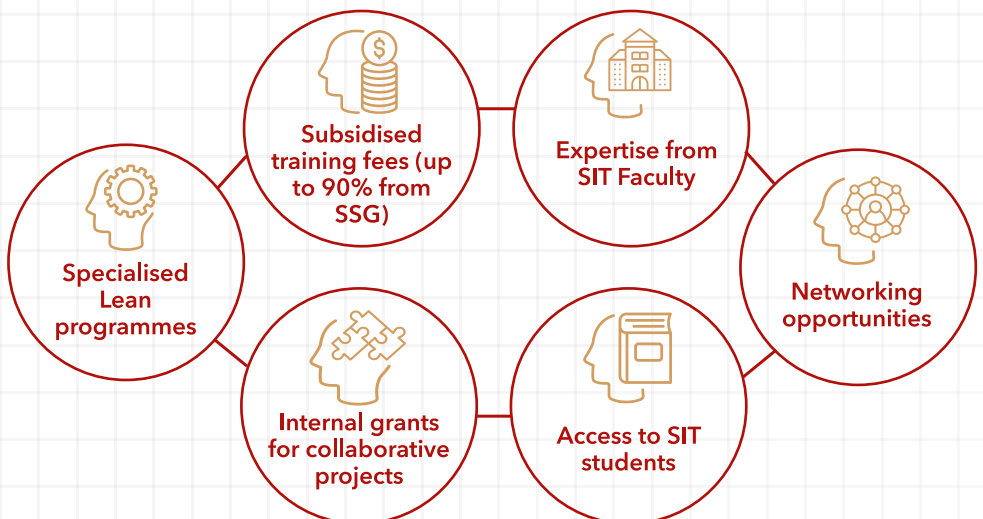
At the heart of Lean thinking, is maximising customer value while minimising waste. Simply put, Lean practices create more value for businesses using fewer resources. It is efficiency at its finest.

## About Lean Transformation Innovation Centre (LTIC)

In partnership with the Lean Global Network (Boston, USA) and SkillsFuture Singapore (SSG), LTIC promotes and develops manpower Lean practices and solutions for local enterprises.

LTIC works with local companies to identify and address performance gaps with sustainable solutions for long-term productivity gains. We serve as your resource centre to learn and adopt Lean capabilities via The Lean! Project, Workshops and Masterclasses.

## What LTIC offers



# The Lean! Project

The Lean! Project (TLP) is designed for local small and medium-sized enterprises (SMEs) to apply Lean with coaching by trained SIT faculty and staff. This 3-month programme comprises classroom trainings, customised on-site Lean improvement activities and project coaching.

## Phases



## Course Fees

Full Course Fees (Non-Singaporean)	\$7,490
Singapore Citizen (Below 40) / PR	\$2,247
Singapore Citizen (40 & above) & SMEs <sup>^</sup>	\$847

\$749

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

*<sup>^</sup>SME Definition:*

- *at least 30% local shareholding AND*
- *Group annual sales turnover of not more than \$100 million OR Group employment size of not more than 200 employees*

# The Lean! Project Journey

- Introduction to Lean
- Problem scoping



- Investigate current situation
- Gemba walk

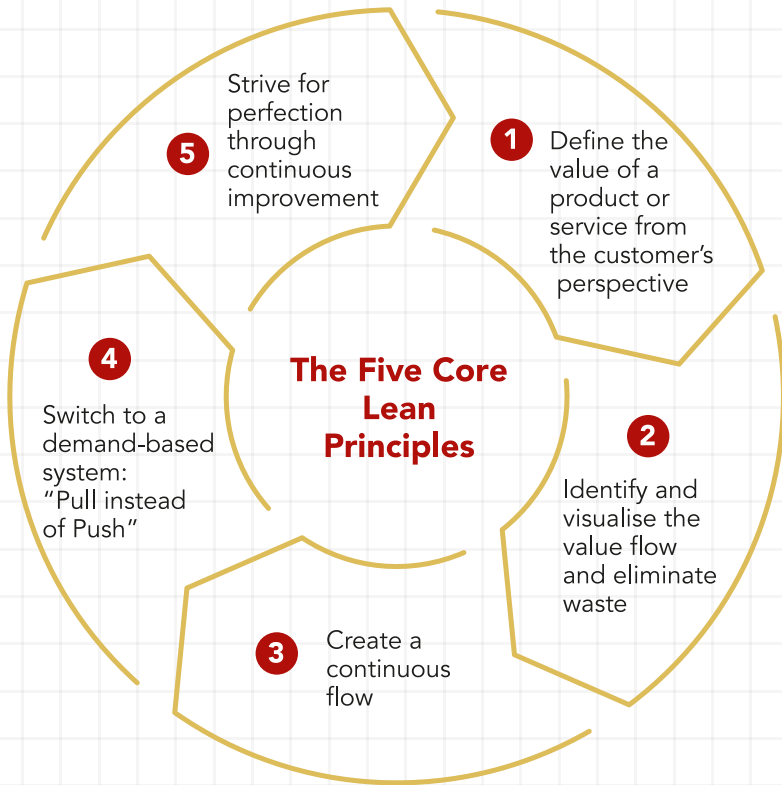
- Learn relevant Lean tools
- Perform root cause analysis
- Develop countermeasures



- Experiment countermeasures
- Plan-Do-Check-Adjust (PDCA)

At the completion of the programme, participants will have:

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





# Lean Fundamentals

<b>Key Lean Principles and Concepts</b>	<ul style="list-style-type: none"> <li>• Lean Evolution</li> <li>• 5 Core Principles</li> <li>• 8 Wastes</li> </ul>
<b>A3 Thinking/ Problem Solving</b>	<ul style="list-style-type: none"> <li>• Value Stream Mapping</li> <li>• Waste Identification</li> <li>• Root Cause Analysis</li> <li>• PDCA</li> </ul>
<b>Just in Time (JIT)</b>	<ul style="list-style-type: none"> <li>• Takt Time</li> <li>• One-piece Flow</li> <li>• Heijunka</li> </ul>
<b>Basic Stability</b>	<ul style="list-style-type: none"> <li>• 4M (Man, Method, Material, Machine)</li> <li>• Standard Work</li> <li>• Job Instructions and Methods</li> </ul>
<b>Jidoka</b>	<ul style="list-style-type: none"> <li>• Poka Yoke</li> <li>• Visual Management</li> <li>• 5S</li> </ul>
<b>Operational Management</b>	<ul style="list-style-type: none"> <li>• SQDC (Safety, Quality, Delivery, Cost)</li> <li>• Team Review Systems</li> <li>• Hoshin Planning</li> <li>• Culture Building</li> </ul>

**DO LEAN.  
MAXIMISE VALUE.**

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