

ABOUT US

Sime Darby Plantation Ecogardens is an eco-friendly retreat in the heart of Carey Island, Selangor. We showcase Sime Darby Plantation's history, its sustainability efforts, and the benefits of the oil palm industry.

We offer cohesive hospitality and learning experiences such as:

- Lean Six Sigma, Communications, EQ, and Team Building Training
- Accommodations, dining, ballroom, training, and meeting facilities
- The Plantation Museum and classic colonial heritage bungalow retreat
- 18-hole Carey Island Golf Course, cycling track, as well as an Outdoor Challenge Camp

Lean Six Sigma is an integration of two data-driven methodologies to improve performance by systematically reducing process variation and removing waste (non-value added processes). In addition to quality, cost reduction and revenue growth, Lean Six Sigma also provides an organization a platform to improve its customer focus, business strategy, and performance culture.

Everything we did and experienced during our Lean Six Sigma deployment in Sime Darby Plantation may create opportunities for evaluation, understanding, and creation of new ideas during your training and coaching sessions with us. We offer you a unique Lean Six Sigma learning perspective straight from Sime Darby Plantation's very own Lean Six Sigma deployment experiences.





We are offering the following Lean Six Sigma training:

- Lean Six Sigma White Belt
- Lean Six Sigma Green Belt
- Lean Six Sigma Black Belt



WHY CHOOSE US

- ✓ We have Lean Six Sigma deployment experience
- ✓ Our content is current and it includes an exam
- ✓ We concentrate on the practicalities
- ✓ We have experienced trainers and project coaching is an available addition
- ✓ A flexible choice of venue and style

WHERE TO FIND US

-  [sdpecogardens](#)
-  [EcoGardens](#)
-  [Sime Darby Plantation Ecogardens](#)
-  [palmecogardens.com](#)

HOW TO CONTACT US

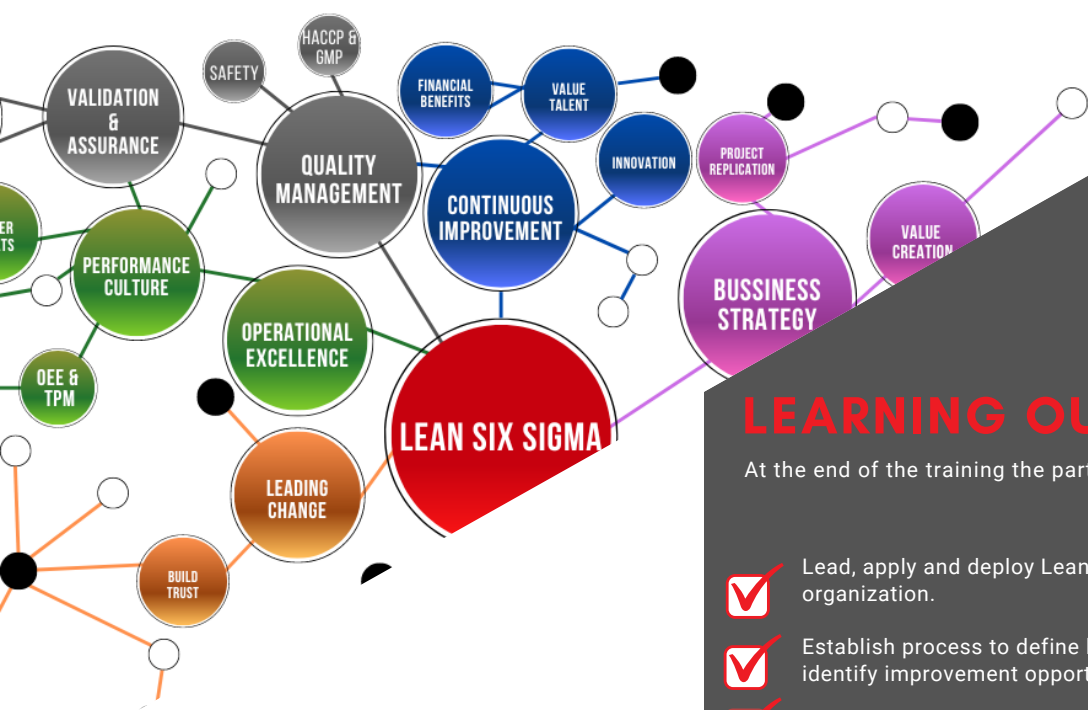
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LEAN SIX SIGMA BLACK BELT TRAINING

LEADING THE CONTINUOUS IMPROVEMENT CULTURE





OVERVIEW

Nowadays, it is significantly importance to drive a sustainable business. An organization can improves individual and organizational performance by empowering Lean Six Sigma trained leaders to deploy a continuous improvement program as part of their business management strategies

The aims of this programme is to develop leaders that is able to lead continuous improvement in an organisation. The 20 days (160 hours) training is normally conducted 5 days (40 hours) per month spread across a minimum of four months period. The minimum three-to-four weeks between sessions can be used by the participants to returns to their work environment and apply their new knowledge and skills to their organisation.

Who Should Attend The Black Belt training?

It is for all level of executives, project managers and professionals who wants to be the experts in process improvement or lead Lean Six Sigma deployment.



LEARNING OUTCOMES

At the end of the training the participant will be able to:

- ✓ Lead, apply and deploy Lean Six Sigma in their organization.
- ✓ Establish process to define business problems and identify improvement opportunities.
- ✓ Develop a reliable data collection plan, analyze and quantify the data that will enable process improvements.
- ✓ Analyze the potential root causes and identified the significant causes of the variation
- ✓ Manage and implement improvements and its process control to ensure sustainable project benefits.
- ✓ Train and coach Lean Six Sigma Green Belt in your organization.
- ✓ Lead and inspire others to learn and apply Lean Six Sigma in their daily work

LEARNING APPROACH



Fun, up-to-date, effective, and appropriate methodologies



Pre-reading material, survey, action plan, post-programme project coaching, demonstration, and other learning interventions



The programme will utilise a data analysis software, Minitab, to gain insight into data through various case study.

COURSE OUTLINE

Week 1 – Defining your problem and measuring how bad it is

- Understanding the criticality of translating your customer needs into process specifications
- Understand what is project management and why it is important
- Methods for you to select, evaluate and prioritize six sigma project and use project charter
- Understanding and interpreting Measurement System Analysis for various data type
- Measuring Process Capability for normal and non-normal data

Week 2 - Validating the Significant Root Causes

- Understanding the Central Limit Theorem (CLT) as the foundation for data analysis
- Designing and applying hypothesis tests of mean, variance, proportion and chi-square
- Understand the relationship of Sample Size to Decision Risk (power and sample size)
- Understand the difference the non – parametric tool compare to hypothesis mean tools

Week 3 - Improving the output of the process using Design Of Experiment

- Planning and utilizing General Full Factorial in Design of Experiment
- Planning and utilizing 2k Full and Fractional Factorial in Design of Experiment
- Understanding the concept and usage of center point and blocking during Design of Experiment
- Designing and analyzing a Central Composite Design (CCD)

Week 4 - Ensuring Sustainable Business Solutions

- Validating the improvement plan and quantifying the process improvement
- Monitoring and implementing SPC for attributes and variable data to ensure sustainable solutions
- Establishing control plans to ensure a sustainable project's improvements
- Implementing practical steps and guidelines to ensure proper project-to-operations transition
- Understanding the purpose and benefits of having an audit plan for Lean Six Sigma project
- Understanding the path forward processes involved prior to project commissioning and closure