

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 GREEN BELT TRAINING

EMBRACING THE CULTURE OF CONTINUOUS IMPROVEMENT





COURSE OUTLINE

Module 1 – Defining your problem or concern

- Introduction to Lean, Kaizen, 5S, 8 types of waste, Value Stream Mapping
- Understanding Project Team's Roles and Responsibility
- Overviewing Lean Six Sigma DMAIC Approach
- Identifying and selecting improvement project
- Developing Project Charter
- Developing the Process Map and SIPOC for your project
- Benchmarking and target setting

Module 2 - Measuring how bad is the problem

- Identifying the key input and output indicators
- Understanding the types of data, data collection method
- Evaluating data measurement system
- Performing Gage Repeatability and Reproducibility
- Performing Attribute Agreement Analysis
- Measuring Process Performance

Module 3 - Identifying the significant root causes

- Identifying possible root causes using Fishbone Diagram and 5-whys
- Screening the possible root causes with Cause & Effect Matrix and FMEA
- Validating the root causes using Gemba, Correlation and Regression

Module 4 - Identifying the best solutions

- Generating improvement ideas with Brainstorming and SCAMPER
- Screening and prioritizing solutions with Multivoting techniques and Pay-off matrix
- Planning and conducting Design of Experiment (2k Full Factorial)
- Utilizing Pugh Matrix for decision making and generating action plan

Module 5 - Ensuring sustainable solutions

- Utilizing Comparative method such as Boxplot and 2-sample t-test to ensure the improvement is significant
- Monitoring Control Chart to ensure sustainable solutions
- Measuring Process Capability after project completion prior to project closure.
- Developing Control and Monitoring Plan using Visual Control and Error-Proofing techniques
- Evaluating project financial benefits and preparing for Project Closure

LEARNING OUTCOMES

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

- ✓ Define business problems and identify improvement projects in their organization.
- ✓ Measure the business process performance before and after improvement.
- ✓ Analyze the potential root causes and identified the significant causes of the problem.
- ✓ Identify, develop and evaluate the best improvement solutions to the problems.
- ✓ Ensure that the process stays in control after the improvement solution has been implemented.
- ✓ Lead and apply Lean Six Sigma methodology in your organization's continuous improvement project.
- ✓ Lead and coach Kaizen projects thru 8 waste elimination, 5S, and error-proofing.

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.

OVERVIEW

Business is often measured by average, but customers don't judge us by averages. They can feel the variance (inconsistency) in each product we deliver. This is where Lean Six Sigma comes in - to focus on reducing process variation and improving the process capability.

Lean Six Sigma Green Belt Training is a 40 hours (5 Days) training program that will focus on 5 main modules based on Lean Six Sigma's DMAIC (Define, Measure, Analyse, Improve, Control) methodology. Participants will also be taught on the application of statistical tool using Minitab software and conceptual tools.

Who Should Attend The Green Belt training?

White Belt, executives up to managers (operations and support services), academics, consultants, trainers.

