Green Belt Six Sigma

hi holland innovative

Solve quality problems of processes and services with a structured approach. In a time with increasing pressure on quality and costs, this renewed Green Belt Six Sigma training gives you the means to address this method successfully and to effectively implement this method within your existing processes, but also in product development.

Structural improvement with statistical support!

Register: www.holland-innovative.nl

Purpose of the training and the result

You will be trained for Six Sigma Green Belt and are able to carry out activities within a project according to the Six Sigma methodology. As a Green Belt you provide the statistical substantiation that makes sure the right decisions within your organization can be taken. You can run improvement projects independently, and possibly support the Black Belt in complex projects.

The focus on customer demand and the proactive way of collecting data leads to better products and an improvement of the operating result. To increase the effectiveness of the learning process of the Six Sigma methodology and the associated tools, you preferably do your project synchronously with the course. Furtherly you can receive support in projects for a year with free participation on the Six Sigma User Group (4 times a year). The goal is to justify the investment in this course by making a substantial contribution to the operating result with your Six Sigma project.

A selection of skills that will be taught

You start with the Six Sigma method. With the customer demand as a basis, the voice of the customer is translated in a clear critical to quality flowdown. In a number of steps we come to an effective risk management (FMEA) process. In addition, we will work a lot with statistics. It is important to make decisions based on data. That is why we will practice a lot with the statistical software Minitab. The focus during the entire course is on practical applicability. Presentations are alternated with fun exercises to collect data and to research that with statistical techniques to put theory into practice.

Course duration and number of participants 3 Blocks of 2 days each, from 9.00 to 17.00. Maximum group size: 12 participants.

Instructors Marcel Logger MSc, Ing. Theo de Goede.

Location and investment Holland Innovative, High Tech Campus 29, Eindhoven and Holland Innovative, The Gallery Universiteit Twente. The investment is €3.500,- (ex. VAT) per participant. Included are 6 training days, comprehensive course materials, project support during the training days, lunch and refreshments. In addition, four times free participation in the Six Sigma User Group. Excluding costs for the theoretical exam, additional project support and GB certification costs.
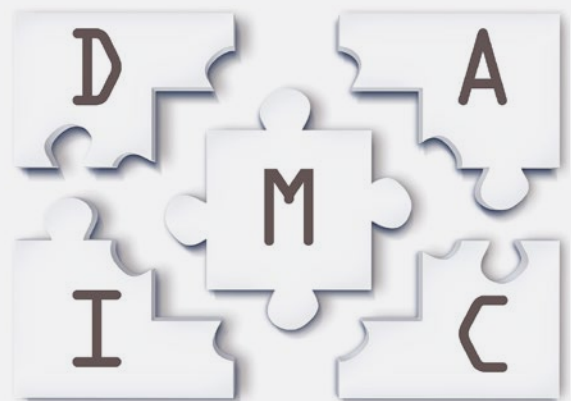
Dates, registration and more info See www.holland-innovative.nl under Academy.

Contact Team HI Academy, tel. +31 40 85 14 610, academy@holland-innovative.nl

Focus on complex business processes

The main thread through the training is making and optimizing small helicopters that are automatically spinning around while falling, making a controlled glide flight.

Inspired by the winged seeds of the maple.

Target audience

This course is aimed at people who carry out projects in the field of improving projects, processes and services. Affinity with decision-making based on facts, supported by statistics and personal involvement with projects is a pre. The training is suitable for professionals with academic skills or Bachelor level, or the same level of knowledge gained by experience.

The instructor

The responsibility for the training content lies with the group of Master Black Belt instructors of Holland Innovative. Lead instructor for this Green Belt training is Marcel Logger MSc, Master Black Belt and Sr. Product & Process Specialist at Holland Innovative.

Certification

Participants who have followed the 6-day training receive a certificate of participation. For Green Belt certification it is necessary to complete a theory exam and implement one project with a minimum saving of €20,000.

A full overview and application in practice in 3 blocks:

Block 1 / day 1-2

- Introduction, start with Six Sigma method
- Project definition, project charter
- Voice of the Customer, CTQ and CTQ flowdown
- Use of Minitab statistical software
- Elementary statistics, graphic techniques
- Measure system analysis
- Control charts

Block 2 / day 3-4

- Process capability, FMEA
- Hypothesis testing (X categorical vs Y continuous (t-tests, ANOVA), both X and Y continuous (= regression analysis)
- Design of Experiments 1
- Set-up & execution

Block 3 / day 5-6

- Design of Experiments 2
- Analysis, optimize, center points, response surface models
- Power and sample size, control charts
- Roadmap, reliability Weibull analysis, test exam
- Link to DfSS (Design for Six Sigma) roadmap

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The **Holland Innovative** House: ■ ■ ■ *core* ■ *results* ■ *enablers*

User Groups · Training and Seminars · Project Management · Product and Process Development · Reliability · Executive Events · Round Table Meetings · Results

Holland Innovative BV:

- For solutions in project management, product & process development and improvement, and reliability
- 40 professionals with an experience level of more than 20 years
- Market areas: HighTech, Automotive, Solar & Energy, MedTech, Agro & Food

Focus on complex business processes