



Green Belt

Lean-Six Sigma DMAIC Project Leader

February, 27-28-29 2024
March, 19-20-21 2024
April, 23-24-25 2024



Context

This "Process Improvement Methodologies" Green Belt combines the rigorous, statistical approach of Six Sigma with the simplicity and speed of the Lean philosophy. This allows participants to achieve the challenging financial goals of their company faster and in a more efficient way. The continuous success of companies is more and more depending on the presence of specialised collaborators who can optimise processes in team as well as production, service and administrative processes.

Our approach

- The Green Belt course consists of 3 work sessions each of 3 consecutive days.
- Each work session offers a mix of theoretical foundation and practical exercises.
- Each participant should preferably have a project regarding process improvement.
- During the training, there are feedback moments about the progress and possible problems in these projects.
- Each session provides the opportunity for exchanging experiences with other participants.
- At the end of the training an exam is administered and participants who get a score of 70% or higher will receive a Green Belt Training Certificate.

What do we offer ?

- Analysis techniques to recognise waste in your own business processes.
- Project prioritisation tools based on the differences between chronic and acute problems.
- Selection criteria for choosing the right approach / tools regarding the defined problem.
- A thorough knowledge of the Lean-Six Sigma DMAIC methodology :
 - As a project management structure
 - As a statistic toolbox
 - As a lean toolbox
 - As a problem-solving toolbox.
- Teamwork approach in process improvement projects.
- Change Management approach by managing a process improvement project.

Customer testimonials

"The training helped me to understand how to solve complex problems in a structured way."

"The training is highly applicable within my own work area, it is very practical."

"The training convinced me of the practical use of statistics."

"Very open attitude of the trainers, they responded well to needs of the group."

"After the Green Belt training, you realise what you're getting yourself into when starting a process improvement project."

"Useful not only for Six Sigma projects, but certainly also in my daily life / work."



Program

DIAGNOSE

- Basic philosophy of Lean-Six Sigma DMAIC.
- Lean principles : value, value stream (mapping), create flow, establish pull, pursue perfection.
- Identifying wastes in the process : 7 technical + 3 human wastes.
- Chronic vs. Acute variation : the Kepner-Tregoe approach to acute variation.

DEFINE

- Defining your process improvement project (business case, project charter, social contract, stakeholder analysis, communication plan).
- Visualisation of the process (SIPOC, flow chart, value stream mapping, ...).
- Voice-of-the-customer (KANO, CTQ's,...).
- Building and managing your project team.

MEASURE

- Funnelling (priority matrix, FMEA).
- Data collection plan (TAKT-time, lead time cycle time, operational definition, sampling,...).
- Visualisation of data (histogram, Pareto chart, time plot, box-plot,...).

ANALYSE

- Root cause analysis (5 WHY's, Ishikawa, 6 M's).
- Value added – non value added analysis.
- Data-analysis (stratification, hypothesis-testing, regression).

IMPROVE

- Generate, evaluate and select the solutions (brainstorming, creativity, selection- and decision-making techniques).
- Creating an efficient process : linking value added activities according to the pace and the demand of the customer.
- Lean Toolbox : 5S, line balancing, visual management, standard work, Kaizen, Poka Yoke,...
- Implementing solutions : PDCA and change management.

CONTROL

- Control charts (Statistical Process Control) and process capabilities.
- Securing the results : standardisation, documentation, training,...

Green Belt Certification

Participants receive, after following the training and passing the exam, a Green Belt Training Certificate. If they want to receive a Green Belt Certificate, they need to successfully perform a process improvement project according to the DMAIC-roadmap.

Stanwick can coach them during this project execution and after participating in the final presentation of the project hand them their Green Belt Certificate. Please do not hesitate to contact us if you want to receive more information on project certification.

Trainers

Both trainers facilitate trainings and assist companies in implementing Process Improvement Methodologies.



Tim Beghin:

senior management consultant, assists companies in improving manufacturing and non-manufacturing processes. He has hands-on experience in executing complex projects within a multi-cultural setting and applying Lean principles in different domains (pharmaceutical, chemical, food, metal). He is also skilled in coaching design thinking and innovation workshops and organising events. He graduated in Bioengineering in Cell and Gene Technology at the VUB and Master in Business Economics from the University of Ghent. He is a Lean and Six Sigma Black Belt and a certified Design Thinking workshop facilitator.



Katia Van den Bremt:

Senior management consultant, coaches companies in the implementation of project management, management of change (human dynamics) and management development. She is experienced in implementing and coaching improvement processes, management development & coaching and general HR management. She has over 12 years of experience in consulting. She has a Masters Degree in Business Psychology at the University of Ghent and an MBA in General Management at the Vlerick Leuven Gent Management School. She is a certified MBTI facilitator (Step I & II) with Oxford Psychologists Press, she is Belbin Team-role accredited, has a Green & Black Belt in Six Sigma and she is a Project Management Professional (PMP®) at the Project Management Institute (PMI). She is also a guest lector at ETH Swiss Federal Institute of Technology Zürich.

Practical information

DATES

February, 27-28-29 2024
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TIME

08h30 till 17h00

LOCATION

Domein Martinus, Zoersel (Itinerary will be included in the confirmation letter).

PRICE (excl VAT)

€ 5.500 (discount of 35% starting from second participant of same company). Stanwick is recognised for payment through the KMO-portefeuille.

PRICE INCLUDES

Price includes Minitab license, course material and lunch. Overnight stays are not included, but can be requested directly from Domein Martinus.

LANGUAGE

Course language is Dutch.

I WANT TO REGISTER MYSELF

via www.stanwick.be/eng/events
or mail to lieve.grymonprez@stanwick.be

I will pay the registration fee, indicating Green Belt – Lean-Six Sigma 2024.

On the account number

BE91 2850 2218 8676
BIC GEBABEBB

Your registration will be considered final up on acceptance of the registration amount. In case of cancellation, communicated is only allowed by email or by letter and is only possible up to 8 days before the training. If not, the registration money is not rechargeable. You can - however - be replaced by a colleague, on condition the required information reaches us in time.