

Six Sigma Green Belt Certification

✓ Objectives

- Understand principles of 6 sigma
- Understand the role of a green belt as facilitator
- Know how to outline a 6 sigma project and to apply the management steps of a 6 sigma project
- Be able to apply efficiently the quality tools and simple statistical techniques

✓ Who is concerned

This training concern

- supplier's employees : project managers, continuous improvement responsible, manufacturing engineers, quality managers
- experts

✓ Pedagogic methods

This training will be conducted with presentations, case study, experience sharing, coaching on a real project

✓ Organization and duration

The training is organized for multi-companies (group of 10 participants).
Duration is 9 days

✓ Provider

Euro-Symbiose

✓ Costs

- 1400€ for associate members
- 2000€ for executive members

✓ Program

Session 1: 3 days

- 1) **Introduction** :
 - What is 6 sigma
 - DMAIC approach and associated tools
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- 2) **Step « DEFINE »** :
 - Opportunities for projects
 - Build the project team
 - Define the project
 - Define the rules
 - Describe the process
- 3) **Step « MEASURE »**
 - Prepare data collection
 - Analyze data variations
 - Use control cards
 - Study capability

Session 2: 3 days

Experience sharing, on participant projects

- 4) **Step « ANALYZE »**
 - Diagrams and graphic analysis

Session 3: 3 days

Experience sharing, on participant projects

- 5) **Step « IMPROVE »**
 - Imagine and create solutions
 - define objectives
 - risk analysis
- 6) **Step « CONTROL »**
 - Stabilize solution
 - Standardize
 - control