



## LEAN SIX SIGMA YELLOW BELT

### Context and Goals

To support performance improvement within an organization, people need to be trained in a systematic problem solving methodology and tools. Lean Six Sigma (LSS), a World class problem solving approach, is a valuable toolbox for improving processes.

### Program Features

Each participant must realize a process improvement project and attend two days of training. The participant receives 1-on-1 coaching sessions throughout the duration of his/her project. To be a certified Yellow Belt by Différence, the participant must demonstrate that the LSS tools and methodology were successfully applied in his/her project.

### Learning Objectives

- σ Understand and apply the LSS problem solving methodology and tools.
- σ Develop new skills to identify and eliminate waste and process variability.
- σ Apply the LSS methodology and tools to execute an improvement project that results in significant benefits for the organization.

### Target Competencies

- σ Problem solving
- σ Project management
- σ Statistical thinking
- σ Lean Thinking

## PROGRAM OVERVIEW

Duration: 2 days

### Define

- σ Lean leadership
- σ Voice of the Customer
- σ 5W2H
- σ Problem solving A3

### Measure

- σ Data types
- σ Graphical data analysis
- σ Pareto analysis
- σ Process mapping
- σ Sequence of events analysis

### Analyze

- σ Kaizen Blitz: 5P of efficient planning
- σ Brainstorming-Affinity-Fishbone
- σ Five Whys
- σ 10-4 classification
- σ Prioritization matrix

### Improve

- σ Design of buffers for variability
- σ Standard Work & Poka Yoke
- σ Action plan

### Control

- σ KPI evaluation
- σ Visual control
- σ Simplified Control Plan & Routines