

## Six Sigma Black Belt

<b>Seminar title</b>	003 Six Sigma Black Belt
<b>Intended participants</b>	Managers, project leaders from any business division. <u>Applications:</u> manufacturing, service providers, financial organisations, health- and insurance organisations, process applications (chemical etc.),
<b>Goals</b>	Enable certified Six Sigma Black Belts to support executives and top management in business development and breakthrough, to participate in leadership to a successful Six Sigma program. In addition to supporting Champions in selecting and managing the Project Pipeline, Six Sigma Black Belts will be able to actively lead their own projects, involve and coach their project team members and Green Belts, thereby boosting the financial top- and bottom line success of the entire Six Sigma program.
<b>Content</b>	<ul style="list-style-type: none"> <li>• A comprehensive education of the Six Sigma methodology and alternative roadmaps</li> <li>• The various roles Six Sigma Black Belts and other team members play in the success of Six Sigma</li> <li>• How to properly define, scope and work on Six Sigma Black Belt vs Green Belt projects</li> <li>• How to slice and transform complex problem statement from initial business pain, to the technical problem, and further via »physical« problem to a statistical problem.</li> <li>• How to apply analytical, process modeling, lean and advanced statistical analysis tools to innovative and efficient problem solving</li> <li>• How to apply in-depth innovation tools (TRIZ) for innovative problem formulation and –solving, for root cause analysis</li> <li>• How to use TRIZ tools IWB (Innovation Workbench) and IFA (Ideation Failure Analysis)</li> <li>• How to present projects to peers and managers, transition and close-out existing projects</li> <li>• How to use advanced tools of MINITAB 14 and Excel Add-In (SigmaXL 5.0) to analyze Six Sigma projects</li> <li>• How to control sustainable results and business benefits</li> </ul>
<b>Previous knowledge required</b>	Fluent business english, strong leadership and communication skills and experience in project and team-management and coaching.
<b>Duration</b>	24 days (192 hours) in 4-5 sessions
<b>Location</b>	Portoroz or on-site
<b>Working Language</b>	English
<b>Instructor</b>	Prof. Dr. Elena Averboukh, Fellow Six Sigma Master Black Belt