## **DMAIC cycle, Six Sigma Project Management Roadmap**

## Define Analyze **Improve** Control Measure Collect data on process Write descriptions of Create possible Design and document Develop a vision for standard practices for defects and possible focused problems solutions for Six Sigma project process improvement causes relating to the process root causes Review process data Explore potential causes Train and develop Map the project Select the most for a relatively long period to process personnel management process feasible solutions to identify each cause failure/inefficiency Understand client needs Organize hierarchically Organize Keep track of Design potential causes and and set project and visualize process improvement plans process performance requirements data; use Pareto analysis collect additional data Qualify cause-effect Update standard Estimate starting Run pilot test relatinships by statical sigma level for the plans procedures methods of analysis Implement the plans Summarize and Develop communicate results and evaluate results detailed process maps obtained obtained Develop recommendations and future plans upon project completion