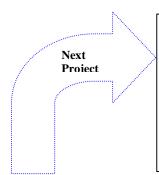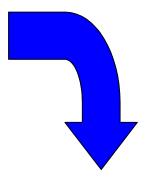# The Six Sigma Project DMAIC Cycle

Next Project

Define

- ❑ What is the business case for the project?
- ❑ Identify the customer
- ❑ Current state map
- ❑ Future state map
- ❑ What is the scope of this project?
- ❑ Deliverables
- ❑ Due date

Control

- ❑ During the project, how will I control risk, quality, cost, schedule, scope, and changes to the plan?
- ❑ What types of progress reports should I create?
- ❑ How will I assure that the business goals of the project were accomplished?
- ❑ How will I keep the gains made?

Measure

- ❑ What are the key metrics for this business process?
- ❑ Are metrics valid and reliable?
- ❑ Do we have adequate data on this process?
- ❑ How will I measure progress?
- ❑ How will I measure project success?

Improve

- ❑ What is the work breakdown structure?
- ❑ What specific activities are necessary to meet the project's goals?
- ❑ How will I re-integrate the various subprojects?

Analyze

- ❑ Current state analysis
- ❑ Is the current state as good as the process can do?
- ❑ Who will help make the changes?
- ❑ Resource requirements
- ❑ What could cause this change effort to fail?
- ❑ What major obstacles do I face in completing this project?