RECOGNIZE BEFORE DMAIC

Recognize

DMAIC is not a good fit for every situation. First, you need to recognize if the problem can be solved with the DMAIC. It needs to have defects that can be measured, so you can see the benefit in the end.

Define

Providing a better insight into the problem by measuring the data in the process. Based on the data a baseline for measuring has to be set in order to track the changes. Collect the data from more sources.

Measure

Value of a story is based on customer needs, what is an important factor while prioritizing backlog. Value needs to be considered especially when splitting stories so each story brings a value to the customer.

Analyze

Based on the measurements the causes of problems need to be identified and tested. The analysis leads to identifying opportunities for improvement and how to achieve them.

Improve

The implementation of improvements resulting from analysis to the benefit of the project. These improvements are measured and compared to the baseline data from the Measure phase.

Control

Stabilize and quantify the impact of the improvements. A monitoring plan can be created. The final step of the DMAIC cycle before you can start again to address upcoming issues.