

## Research Description

In this research program, many Singapore small and medium-sized enterprises has and many express the need to constantly upgrade and learn how to slash cycle times and inventory in their Singapore and regional manufacturing operations through a comprehensive and aggressive setup reduction program. In a step-by-step format SMEs will learn how to form the best setup reduction team, how to implement an effective setup process and how to measure the financial benefits of reduced setup times.

SMEs will also learn how other manufacturers have implemented successful setup reduction programs that have led to improvements in both quality and productivity. For example, learning how and why achieving just in time requires every factory to dramatically reduce their setup times. Attend our regular workshops and learn how to recognize and avoid common pitfalls in implementing a setup reduction program in your company.

## What You Will Learn (subject to change)

- How to Add Value to Your Manufacturing Process Through Setup Reduction
- How to Select the Setup Reduction Team
- How to Create an Operation Map of Your Existing Setup Process
- The Effects of Setup Time on Quality
- The "No" to "Low" Cost Approach
- The Effects of Setup Time on Quality
- Setup Reduction by Design
- How to Implement the Setup Reduction Process
- How to Document the Setup Process
- How to Measure the Success of Your Setup Reduction Efforts
- Through Hands-On Setup Reduction Workshops

## SME Survey Data Finding 1

From the 2011/2012 survey of about 50 small and medium-sized enterprises, the results indicated by more than 60% of respondents have a benchmark target of 3 percent improvement annually, while the other 40% indicating 5 percent or more annually.

