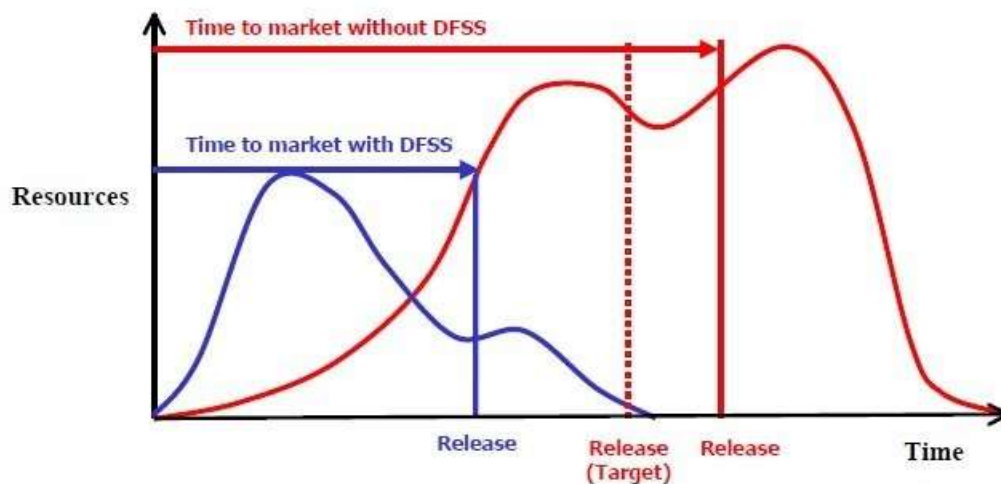


Design for Six Sigma 4 day

We spend our lives improving products, services and processes which we have inherited – wouldn't it be better if they had been designed right to begin with?

Companies who have adopted Design for Six Sigma (DfSS) have seen a significant reduction in time and cost to launch new products and services.



This four-day course enables delegates to design products or services and processes using Design for Six Sigma and to identify and use the most appropriate tools within their design process. The course can be delivered virtually or face-face - the content will be customised for your products or services and processes and include tools which will be relevant to your own design process.

Who is the course for?

- This course will benefit Design teams, Continuous Improvement Practitioners and complements the skills of Green and Black Belts.
- It is equally applicable to delegates whose business provides products or services.

Learning Outcomes

- You will learn and practise tools which will help eliminate waste and variation in your products, services and processes from the design stage.
- This course provides a balance to your existing improvement skills and provides practical tools that you can use when designing new products, services and processes.

Course Delivery Options

- In Company
- Open Virtual classroom instructor led programme using Zoom with breakout rooms for interactive exercises.

Support Pack

- Each delegate will receive a digital pdf copy of the training materials

Course Contents

Introduction to Design for Six Sigma

- Introduction to Design for Six Sigma approach
- Benefits of Design for Six Sigma
- Combining Design for Six Sigma and Design Thinking

Alignment with existing design process (if applicable)

- This content will be customised depending on the customer's existing design processes

Overview of Waste and Variation

- Variation
- Types of Work
- Managing Change and Team Working
- $E = Q \times A$
- Elements of Change Model
- Team working

Key Tools (these will be tailored to meet customer needs)

- Voice of the Customer & Requirements Flowdown
- Introduction to Lean Design
- Boundary diagrams
- P-diagrams
- FMEA (Design and Process)
- Poka Yoke
- Robustness and Reliability
- Design for X
- Measurement Systems Analysis (Verification/Validation/Production Measurement Systems)
- Process Stability and Capability
- Creativity