



## **Lean Six Sigma Yellow Belt**

### **Course Outline - Building Project Capability and Local Impact**

The Lean Six Sigma Yellow Belt programme at the Centre for Competitiveness (CforC) is designed to build **practical problem-solving capability** within organisations. Yellow Belts play a critical role in supporting improvement projects, applying Lean Six Sigma tools to real operational challenges and delivering measurable local improvements.

### **Who This Programme Is For**

This programme is best suited to:

- Team leaders and supervisors
- Process owners
- Key operational and support staff
- Individuals involved in improvement, efficiency or cost reduction initiatives

Yellow Belts are typically close to day-to-day processes and are well placed to identify issues, gather data and support improvement activity.

### **Organisational Benefits**

Organisations that develop Yellow Belt capability typically benefit from:

- Stronger support for Green and Black Belt projects
- Improved quality of data and problem definition
- Faster identification of improvement opportunities
- Practical, locally owned improvements
- Increased engagement in continuous improvement activity

Yellow Belts help ensure that improvement projects are grounded in operational reality and supported by those closest to the process.

## **Focus on Real Improvement Activity**

The Yellow Belt programme equips participants to actively contribute to live improvement initiatives within the organisation. Participants apply tools and techniques to real processes, enabling immediate transfer of learning and visible benefits.

This practical focus strengthens organisational capability and builds confidence in structured problem solving.

## **What Participants Will Learn**

Participants develop the ability to:

- Define problems clearly and align them to business objectives
- Map processes and identify waste and variation
- Collect and analyse data to support decision making
- Contribute to root cause analysis and solution development
- Support the implementation and control of improvements

## **Programme Structure and Content**

The Yellow Belt programme is delivered over **two days** as an in-house workshop.

### **Module 1: Define Phase**

- Problem statements and project goals
- Team composition and roles
- Project planning

### **Module 2: Measure Phase**

- Process mapping
- Cause and effect analysis
- Characteristic selection matrix
- Failure mode and effects analysis (FMEA)
- Basic statistics and data collection
- Visualising data and capability assessment

- Measurement system analysis

### **Module 3: Analyse Phase**

- Graphical data analysis
- Hypothesis testing
- Statistical tests of proportions, means and variance
- Correlation and regression

### **Module 4: Improve Phase**

- Rationalising processes
- Lean principles and 5S
- Mistake proofing

### **Module 5: Control Phase**

- Introduction to statistical process control
- Control plans
- Project management fundamentals

### **Certification**

Certification is granted upon completion of the two-day Yellow Belt training programme.

### **Delivery and Cost**

- **Delivery:** In-house workshop for up to 10 participants
- **Duration:** 2 days
- **Cost:** £3,500 + VAT per workshop

The cost includes all training materials, Lean Six Sigma Yellow Belt manuals for all delegates, trainer travel expenses and certification.

### **Why Choose CforC?**

- Practical, business-focused Lean Six Sigma training
- Strong emphasis on real operational improvement

- Experienced trainers with cross-sector expertise
- Proven track record delivering measurable results

*To discuss how Lean Six Sigma Yellow Belt training could support your improvement objectives, please contact the Centre for Competitiveness on [info@cforc.org](mailto:info@cforc.org)*