Transforming Operations and Driving Value: A Lean Project Management Training Course.

15 - 19 Jun 2026

Cape town - *

6000 € (Per Person)

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Course Introduction / Overview:

The modern business landscape demands unparalleled efficiency and continuous improvement to remain competitive. This comprehensive training course, offered by BIG BEN Training Center, delves into the principles of Lean Project Management and process optimization. Participants will learn how to identify and eliminate waste, streamline workflows, and enhance value delivery across all business functions. The curriculum is meticulously designed to align with the core tenets of Lean thinking, which go far beyond manufacturing to encompass service industries, government agencies, and non-profits. Drawing inspiration from foundational texts like "The Lean Startup" by Eric Rise and the influential work of academic authors like Donald G. Reinert Sen, this course provides a robust framework for implementing sustainable change. We will explore key concepts such as value stream mapping, the Kaizen philosophy of continuous improvement, and the reduction of the eight wastes of Lean. By mastering these methodologies, professionals can drive operational excellence, improve resource utilization, and foster a culture of respect for people, ultimately leading to faster project deliveries and enhanced customer satisfaction. This course is an essential guide for anyone seeking to optimize business processes and achieve tangible, measurable results in a dynamic environment.

Target Audience / This Training Course is Suitable for:

- Project Managers and team leaders seeking to improve project delivery efficiency.
- Operations Managers and Directors focused on process optimization.
- Process Improvement Analysts and Specialists.
- Quality Assurance and Quality Control professionals.
- Business Analysts and Consultants.
- Engineers and technical staff involved in product development.
- Department heads and supervisors are aiming to streamline team workflows.
- Public sector managers and government employees.
- Anyone involved in organizational change management.

Target Sectors and Industries:

- Manufacturing and Production.
- Information Technology and Software Development.
- Healthcare and Pharmaceutical.
- Financial Services and Banking.
- Logistics and Supply Chain Management.
- Construction and Engineering.
- Retail and E-commerce.
- Government agencies and public administration.
- Non-profit organizations.
- Service industries.

Target Organizations Departments:

- Operations and Production departments.
- Project Management Offices (PMO).
- Quality Control and Quality Assurance.
- Research and Development (R&D).
- Human Resources.
- Information Technology (IT).
- Supply Chain and Logistics.
- Administrative and Support Services.
- Customer Service.
- Strategic Planning departments.

Course Offerings:

By the end of this course, the participants will have able to:

- Master the core principles of Lean thinking and its application to project management.
- Identify and systematically eliminate the eight wastes in any business process.
- Utilize Value Stream Mapping to visualize and analyze workflows for optimization.
- Implement the "Pull" system to ensure work is done only when needed.
- Apply the Kaizen philosophy for continuous, incremental process improvement.
- Develop a framework for identifying and resolving process bottlenecks.
- Foster a culture of respect for people and collaborative problem-solving.
- Measure and report on the effectiveness of process optimization efforts.
- Enhance project delivery speed, quality, and overall efficiency.
- Streamline resource utilization to reduce costs and improve productivity.

Training Methodology:

This course employs a dynamic and interactive training methodology that goes beyond traditional lectures. We believe in a hands-on approach to ensure participants can immediately apply the concepts learned. The methodology is built around a blend of theoretical instruction, practical exercises, and collaborative learning. Participants will engage in case studies drawn from various industries, allowing them to analyze real-world scenarios and develop effective Lean solutions. Interactive sessions and group discussions will foster a collaborative environment, encouraging the sharing of insights and best practices. A significant component of the course involves simulating value stream mapping exercises and process improvement projects, providing a tangible understanding of the methodologies. Furthermore, BIG BEN Training Center will provide personalized feedback on participant progress, ensuring each individual grasps the core concepts and can confidently apply them in their professional roles. The course emphasizes a practical, results-oriented approach, focusing on skill acquisition and measurable improvement.

Course Agenda (Course Units):

Unit One: Introduction to Lean Principles and Value Creation.

- Understanding Lean thinking and its history.
- Identifying and defining value from the customer's perspective.
- The five core principles of Lean Management.
- The eight wastes (DOWNTIME) and how to identify them.
- Applying Lean principles beyond manufacturing.
- Introduction to continuous improvement (Kaizen).
- Case studies in value creation and waste elimination.

Unit Two: Value Stream Mapping and Process Analysis.

- Introduction to Value Stream Mapping (VSM).
- Creating a current-state value stream map.
- Identifying process bottlenecks and non-value-added activities.
- Designing a future-state value stream map.
- The role of data collection in process analysis.
- Techniques for measuring process efficiency.
- Developing a VSM for a service or administrative process.

Unit Three: Implementing Lean Tools and Techniques.

- The 5S methodology: Sort, set in order, Shine, Standardize, Sustain.
- Introduction to the Kanban system for workflow management.
- Implementing a Pull system to avoid overproduction.
- Using the Plan-Do-Check-Act (PDCA) cycle for problem-solving.
- Introduction to Kaizen events and rapid improvement.
- Root cause analysis with the 5 Whys.
- Practical application of Lean tools in project scenarios.

Unit Four: Lean Project Management and Team Dynamics.

- Integrating Lean principles into project management frameworks.
- The role of the Lean Project Manager.
- Fostering a culture of continuous improvement within project teams.
- Empowering teams and respecting people.
- Managing and mitigating project risks with a Lean mindset.
- Metrics and KPIs for Lean projects.
- Adapting Lean principles for agile environments.

Unit Five: Sustaining and Scaling Operational Excellence.

- Creating a long-term strategy for continuous improvement.
- Standardizing new, improved processes.
- Training and empowering staff at all levels.
- Scaling Lean practices across an organization.
- Leadership's role in sustaining a Lean culture.
- Benchmarking and staying competitive.
- Future trends in Lean and process optimization.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Given the dynamic nature of market demands, how can an organization ensure its continuous improvement efforts remain aligned with evolving customer value without succumbing to "improvement for improvement's sake"?

What unique qualities does this course offer compared to other courses?

This course stands out by bridging the gap between theoretical Lean principles and their practical application in diverse organizational contexts, moving beyond the traditional focus on manufacturing. While many courses discuss Lean and project management separately, this program integrates the two, providing a holistic and actionable framework for professionals. It emphasizes not just the "what" of Lean tools but the "why" and "how" of their implementation in real-world scenarios, particularly in service, government, and non-profit sectors where process optimization is often overlooked. The curriculum is built on a foundation of recognized academic thought and contemporary industry best practices, ensuring participants receive a well-rounded and up-to-date education. Instead of focusing solely on process tools, the course places a strong emphasis on the human element—fostering a culture of respect, empowerment, and continuous learning. By concentrating on case studies and interactive exercises, participants don't just learn about concepts like value stream mapping and the Kaizen philosophy; they actively apply them to solve complex problems, gaining tangible skills and a new way of thinking that they can immediately use to drive significant improvements in their own organizations. This pragmatic, people-centric, and cross-functional approach is what truly distinguishes this course and enables participants to achieve lasting operational excellence.