



# Training Course: Strategic Problem Solving and Innovation for Technical Advisors

8 - 12 December 2024 Manama (Bahrain) Fraser Suites



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Training Course code: SC235578 From: 8 - 12 December 2024 Venue: Manama (Bahrain) - Fraser Suites Training Course Fees: 4675 

Euro

#### Introduction

In an ever-evolving technological landscape, technical advisors must not only solve complex problems but also drive innovation that leads to competitive advantage and operational excellence. The "Strategic Problem Solving and Innovation for Technical Advisors" program is designed to provide technical professionals with advanced skills in diagnosing issues, developing innovative solutions, and implementing strategies that align with organizational objectives.

This course emphasizes a strategic approach to technical problem-solving while encouraging creativity and innovation. Participants will learn how to use structured frameworks to address challenges, apply cutting-edge technologies in their solutions, and foster a culture of innovation within their teams and organizations.

## **Objectives**

- · Develop advanced problem-solving skills using strategic frameworks.
- Encourage innovation in technical problem-solving to drive long-term success.
- Learn how to apply design thinking and creative methodologies to technical issues.
- Align problem-solving strategies with business objectives and technical requirements.
- Enhance collaboration and communication skills to implement innovative solutions.
- Utilize data, tools, and technologies for enhanced problem-solving and decision-making.

## **Target Audience**

- Technical advisors, consultants, and engineers.
- IT managers and solution architects.
- Project managers and team leaders in technical fields.
- Professionals involved in technical advisory or innovation-driven roles.
- Senior technical staff looking to enhance their strategic and innovative capabilities.

#### **Outlines**

Day 1:



#### Strategic Problem-Solving Frameworks

- Introduction to strategic problem-solving in technical environments.
- Understanding the complexity of technical challenges.
- Applying problem-solving models like PDCA, Lean, and Six Sigma.
- Workshop: Strategic problem-solving applied to technical scenarios.

#### Day 2:

#### Innovation in Technical Solutions

- Principles of innovation in technical fields.
- Encouraging creativity and innovative thinking within technical teams.
- Techniques for fostering a culture of innovation.
- Case study: Innovative problem-solving in high-tech industries.

#### Day 3:

#### Design Thinking for Technical Problem Solving

- Introduction to design thinking and its applications in technical solutions.
- Empathizing with users and identifying core technical needs.
- Prototyping, testing, and refining technical solutions.
- Group activity: Using design thinking to solve a real-world technical issue.

#### Day 4:

#### Data-Driven Problem Solving and Decision Making

- Leveraging data and analytics to identify and solve problems.
- Using predictive analytics and big data to inform technical decisions.
- Tools and techniques for data-driven decision-making.
- Workshop: Solving technical problems using data and analytics.

#### Day 5:



#### Implementation and Continuous Improvement

- Developing actionable solutions and roadmaps for implementation.
- Driving continuous improvement through innovative problem-solving.
- Ensuring scalability and sustainability of technical solutions.
- Final project: Presenting strategic, innovative solutions for complex technical challenges.



# Registration form on the Training Course: Strategic Problem Solving and Innovation for Technical Advisors

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