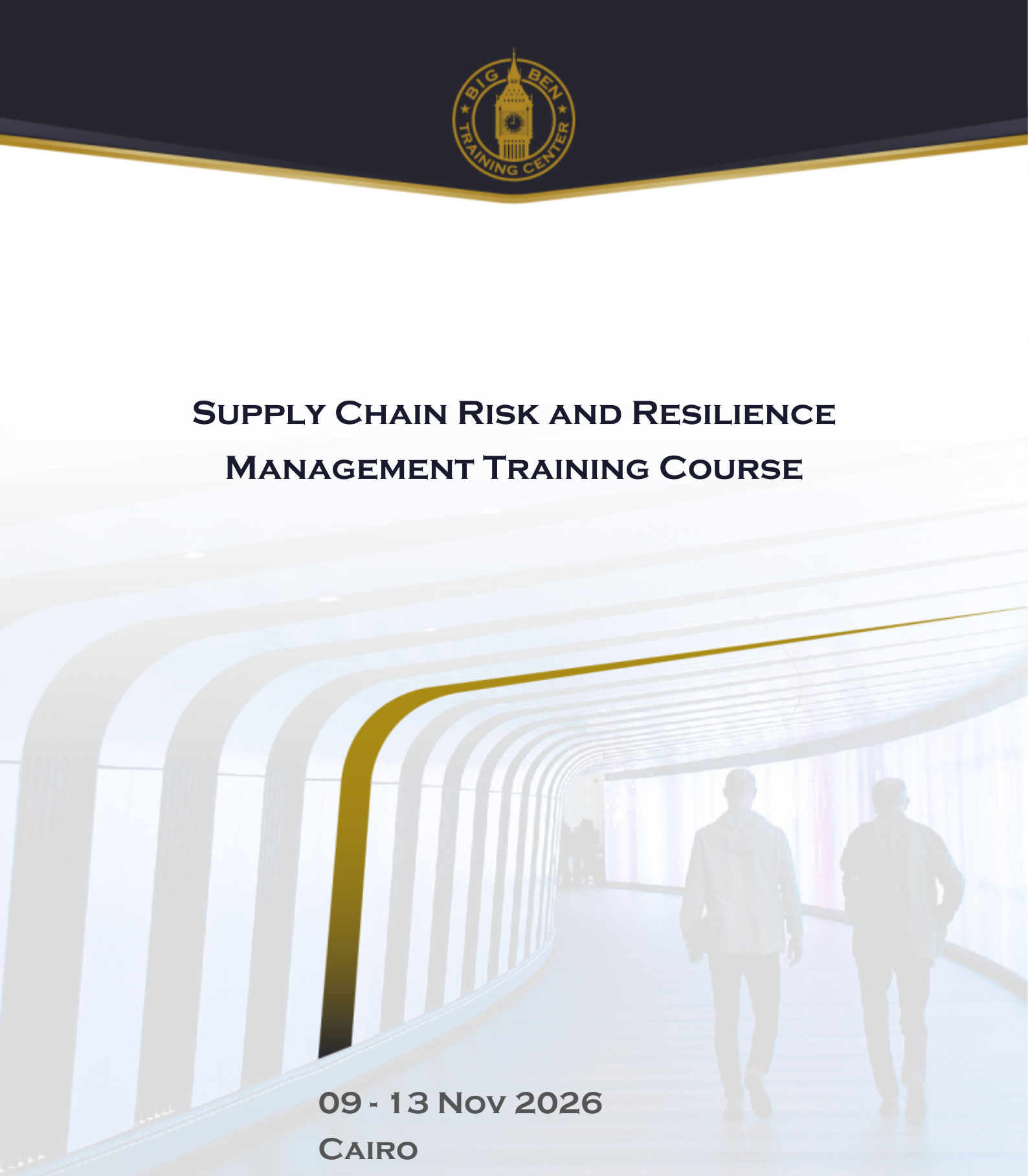
Supply Chain Risk and Resilience Management Training Course



09 - 13 Nov 2026

Cairo

3700 € (Per Person)

Ref: #PSC6687_260108

Course Introduction / Overview:

In today's interconnected and volatile global economy, supply chain disruptions are no longer a possibility but an inevitability. This course provides a comprehensive framework for transforming supply chain vulnerabilities into strategic advantages through robust risk management and business resilience. We move beyond traditional, reactive approaches to equip participants with the proactive strategies needed to anticipate, assess, and mitigate a wide spectrum of risks, from geopolitical instability and natural disasters to cyber threats and supplier failures. Drawing on foundational concepts from leading thinkers like Yossi Sheffi, author of "The Resilient Enterprise", this program emphasizes building an agile and adaptive supply chain ecosystem. BIG BEN Training Center has designed this immersive experience to blend academic rigor with practical application, ensuring that participants can immediately implement effective business continuity plans and resilience frameworks. This training is essential for any organization seeking to protect its operations, maintain customer trust, and secure a competitive edge in a world of constant change.

Target Audience / This training course is suitable for:

- Supply Chain Managers and Directors.
- Procurement and Sourcing Professionals.
- Logistics and Operations Managers.
- Risk Management and Compliance Officers.
- Business Continuity and Crisis Management Planners.
- Strategic Planners and Corporate Strategists.
- Operations Analysts and Consultants.
- Supplier Relationship Managers.
- Inventory and Warehouse Managers.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Retail and Consumer Goods.
- Pharmaceuticals and Healthcare.
- Logistics, Shipping, and Transportation.
- Technology and Electronics.
- Energy and Utilities.
- Aerospace and Defense.
- Government Agencies and Public Sector Organizations.

Target Organizations Departments:

- Supply Chain Management.
- Procurement and Sourcing.
- Logistics and Distribution.
- Operations Management.
- Risk and Compliance.
- Strategic Planning.
- Finance and Auditing.
- Information Technology.

Course Offerings:

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

- Develop a comprehensive supply chain risk management framework.
- Identify and assess a wide range of internal and external supply chain vulnerabilities.
- Conduct a thorough business impact analysis (BIA) for critical supply chain functions.
- Implement effective risk mitigation, avoidance, and transfer strategies.
- Design and deploy robust business continuity and disaster recovery plans.
- Enhance supply chain visibility, agility, and responsiveness to disruptions.
- Evaluate and manage third-party and supplier-related risks effectively.
- Integrate emerging digital and sustainability risks into resilience planning.
- Foster a culture of risk awareness and resilience throughout the organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and focused on practical application. We believe that adult learning is most effective when participants are actively involved in the process. This course utilizes a blended approach that combines expert-led instruction with hands-on activities. Participants will analyze real-world case studies of major supply chain disruptions, enabling them to deconstruct complex failures and successes. Collaborative group workshops will challenge teams to develop risk registers, map supply chain vulnerabilities, and design contingency plans for simulated scenarios. Interactive discussions and brainstorming sessions encourage the sharing of diverse experiences and perspectives, enriching the learning environment for all. The facilitator will provide continuous feedback and guide participants in applying theoretical models to their own organizational contexts. This experiential learning approach ensures that attendees leave not just with knowledge, but with the confidence and skills to implement meaningful change and build a truly resilient supply chain.

Course Agenda (Course Units):

Unit One: Foundations of Supply Chain Risk and Resilience

- Introduction to modern supply chain complexities and vulnerabilities.
- Defining risk management, business continuity, and resilience.
- Categorizing supply chain risks: strategic, operational, financial, and compliance.
- The relationship between risk, disruption, and competitive advantage.
- Exploring key resilience frameworks and international standards (e.g., ISO 22301).
- The financial and reputational impact of supply chain failures.
- Building the business case for investing in supply chain resilience.

Unit Two: Risk Identification and Assessment

- Techniques for comprehensive supply chain mapping and visualization.
- Conducting a systematic Business Impact Analysis (BIA).
- Methods for risk identification: brainstorming, SWOT analysis, and fault tree analysis.
- Qualitative and quantitative risk assessment techniques.
- Developing and utilizing a risk register for tracking and prioritization.
- Vulnerability analysis of nodes, links, and dependencies in the supply chain.
- Scenario planning for high-impact, low-probability events.

Unit Three: Risk Mitigation and Control Strategies

- Strategies for risk avoidance, reduction, transfer, and acceptance.
- Supplier diversification and managing single-source dependencies.
- Inventory management strategies: from Just-in-Time (JIT) to Just-in-Case (JIC).
- The role of contractual agreements and service level agreements (SLAs) in risk mitigation.
- Building collaborative and transparent supplier relationships.
- Implementing technology for enhanced supply chain visibility and traceability.
- Financial mitigation strategies, including insurance and hedging.

Unit Four: Business Continuity and Crisis Management

- Developing a Supply Chain Business Continuity Plan (BCP).
- Establishing a Crisis Management Team and defining roles and responsibilities.
- Designing effective incident response and communication protocols.
- Coordination with suppliers, customers, and other stakeholders during a crisis.
- Post-disruption recovery and learning: conducting a root cause analysis.
- Simulation exercises and stress testing the BCP.
- Managing public relations and brand reputation during a disruption.

Unit Five: Advanced Topics in Supply Chain Resilience

- Managing emerging risks: cybersecurity, geopolitical shifts, and climate change.
- Integrating Environmental, Social, and Governance (ESG) factors into risk management.
- The role of predictive analytics, AI, and machine learning in risk forecasting.
- Building a culture of resilience and risk awareness across the organization.
- Measuring and reporting on supply chain resilience performance.
- The future of supply chain risk management: agility and adaptability.
- Final project: developing a resilience action plan for a case study organization.

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:

In an era of increasing deglobalization, how can organizations balance the efficiency of lean supply chains with the necessity of robust, resilient, and potentially more costly, regionalized networks?

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

This course distinguishes itself by adopting a holistic and forward-looking perspective on supply chain resilience. While many programs focus narrowly on logistical risks, we integrate a broader spectrum of modern threats, including cybersecurity, geopolitical instability, and critical ESG considerations. Our curriculum moves beyond theoretical frameworks to emphasize the development of a "resilience mindset" an organizational culture of proactive awareness and adaptability. Participants will not only learn to create a business continuity plan but will also master the art of stress-testing these plans through realistic, high-stakes simulations. The content is uniquely structured to bridge the gap between operational tactics and corporate strategy, ensuring that supply chain resilience is positioned as a key driver of long-term business value and competitive advantage. Rather than just presenting tools, we focus on the strategic decision-making process, empowering leaders to make informed choices that balance cost, efficiency, and robustness in an increasingly unpredictable global landscape.