BLACKBIRD FOR TRAINING

Supply Chain Resilience

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Edinburgh (UK)



Supply Chain Resilience

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Why This Course

Global supply chains face unprecedented challenges — from geopolitical instability and natural disasters to cyber threats and market volatility.

Building supply chain resilience is no longer optional; it's a strategic necessity for ensuring continuity, agility, and long-term sustainability.

The Supply Chain Resilience program equips participants with the frameworks, analytical tools, and leadership practices to design and manage resilient supply chain systems.

It blends risk management, network design, digital visibility, and strategic collaboration — empowering organizations to protect operations, optimize recovery, and thrive in disruption-prone environments.

Through simulations, data-driven analysis, and case-based learning, participants will learn to transform vulnerability into strategic strength by building adaptive, agile, and future-ready supply chains.

What You'll Learn and Practice

By joining this program, you will:

- Understand the key principles and dimensions of supply chain resilience.
- Identify vulnerabilities, risks, and dependencies across global networks.
- Design resilient supply chain architectures with redundancy and flexibility.
- Apply risk assessment and continuity planning to critical processes.
- Integrate digital visibility, analytics, and scenario modeling tools.
- Develop supplier diversification, localization, and risk-sharing strategies.
- Align resilience with sustainability, cost optimization, and competitiveness.
- Build a roadmap for resilient and adaptive supply chain transformation.



The Program Flow

Day 1: The Strategic Imperative of Resilience

- Understanding the changing risk landscape of global supply chains.
- Resilience vs. efficiency — striking the right balance.
- Frameworks for resilience: ISO 22316, SCOR model, and WEF resilience principles.
- Core capabilities of resilient organizations: agility, visibility, and adaptability.
- Case study: How leading companies recovered and thrived after major disruptions.

Day 2: Risk Identification and Supply Chain Vulnerability Mapping

- Supply chain risk categories: operational, financial, geopolitical, environmental, and cyber.
- Dependency mapping and critical node analysis.
- Business impact analysis BIA and risk prioritization.
- Tools for scenario planning and stress testing.
- Workshop: Building a vulnerability map for a sample global supply network.

Day 3: Designing for Flexibility and Continuity

- Strategies for redundancy, buffering, and dual sourcing.
- Nearshoring, reshoring, and regional supply chain design.
- Logistics and transportation network diversification.
- Business Continuity Planning BCP integration in supply chain management.
- Simulation: Developing a continuity and recovery strategy for a disrupted network.

Day 4: Digitalization, Visibility, and Data-Driven Resilience

- Using IoT, AI, and predictive analytics for proactive risk monitoring.
- Control towers and digital twins for real-time visibility and scenario modeling.
- Supply chain data governance and decision intelligence.
- Leveraging blockchain for transparency and traceability.
- Group activity: Designing a digital visibility dashboard for supply chain risk management.

Day 5: Leadership, Collaboration, and Future-Ready Resilience

- Building a resilience mindset and culture across the organization.
- Strengthening supplier and stakeholder collaboration for shared resilience.
- Aligning resilience with ESG, sustainability, and corporate strategy.
- Measuring resilience performance and maturity.
- Final project: Developing a comprehensive Supply Chain Resilience blueprint for your organization.



Individual Impact

- Gain strategic insight into the principles and frameworks of supply chain resilience.
- Strengthen analytical, leadership, and crisis management capabilities.
- Learn to design adaptive and flexible networks that withstand disruption.
- Build confidence in leading cross-functional teams through uncertainty.
- Position yourself as a Supply Chain Resilience Leader capable of safeguarding performance and innovation.

Work Impact

- Improve continuity, agility, and responsiveness across global operations.
- Reduce risk exposure and enhance decision-making through visibility and data.
- Strengthen relationships with suppliers and partners for mutual resilience.
- Build a sustainable, future-ready supply chain aligned with strategic goals.
- Achieve measurable resilience, maturity, and operational stability.

Training Methodology

This program combines strategic frameworks, analytical modeling, and experiential learning to ensure both conceptual understanding and actionable capability.

Learning methods include:

- Global case studies from manufacturing, logistics, and technology leaders.
- Interactive workshops on risk mapping and continuity planning.
- Simulation exercises for disruption response and recovery modeling.
- Group discussions on resilience metrics and digital transformation.
- Templates, dashboards, and resilience frameworks for real-world implementation.

Beyond the Course

Upon completion, participants will be equipped to design and implement resilient supply chain systems that maintain stability, adaptability, and performance under uncertainty.

Graduates of this program will emerge as Supply Chain Resilience Professionals — leaders capable of turning disruption into opportunity and building organizations that endure and excel in a volatile world.

