



Conference:
Strategic Warehousing, Inventory Planning, and
Supply Chain Resilience

3 - 14 August 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Conference: Strategic Warehousing, Inventory Planning, and Supply Chain Resilience

Conference code: CO235854 From: 3 - 14 August 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Conference Fees: 6000 € Euro

Introduction

The **Strategic Warehousing, Inventory Planning, and Supply Chain Resilience** conference, organized by **Global Horizon Training Center**, offers an advanced exploration of the key concepts and strategies for optimizing warehousing, inventory planning, and building resilient supply chains. This comprehensive conference will delve into global trends, innovative inventory models, and strategic practices designed to help organizations thrive in a rapidly evolving supply chain landscape.

Throughout this 10-day conference, participants will be introduced to cutting-edge methods for streamlining warehouse operations, optimizing inventory, and integrating emerging technologies into their logistics processes. Additionally, they will gain a deeper understanding of resilience planning, including advanced demand shaping, reverse supply chain management, and sustainability practices that ensure long-term success and risk mitigation.

Objectives

By the end of the 10-Day Conference, participants will:

- Understand evolving warehousing and inventory models and their impact on global supply chains.
- Develop strategies for strategic inventory planning, including forecasting, safety stock management, and resilience buffers.
- Learn how to optimize warehouse network design, considering centralized vs. decentralized models.
- Gain insights into supplier relationship management and how it can enhance inventory optimization.
- Explore financial risks in warehousing and inventory, including obsolescence, costing, and insurance.
- Learn advanced techniques for demand shaping and inventory positioning for agility.
- Master the management of reverse supply chains and returns, turning these processes into valuable assets.
- Understand how AI, IoT, and predictive analytics enhance inventory and warehouse control.
- Explore sustainable inventory management practices and circular warehousing models.
- Learn how to define and measure KPIs for performance improvement in warehousing and inventory management.
- Understand the role of supplier risk assessments and their integration with warehouse and inventory planning.
- Gain a forward-looking perspective on the role of robotics, digital twins, and smart distribution hubs in the

future of warehousing.

Target Audience

This conference is designed for:

- **Supply Chain and Logistics Managers** looking to refine their knowledge of inventory planning and warehousing.
- **Operations Directors** who aim to improve their warehouse network design and supply chain resilience.
- **Warehouse Managers** interested in optimizing their processes, adopting new technologies, and ensuring long-term operational sustainability.
- **Procurement and Supplier Managers** who wish to learn about optimizing relationships and managing risk in the supply chain.
- **Data Scientists and Analysts** focused on integrating advanced technologies such as AI and predictive analytics into warehousing and inventory control.
- **Consultants and Business Analysts** advising companies on warehousing, inventory planning, and supply chain strategies.
- **C-level Executives** looking to strengthen their strategic vision for supply chain resilience and warehouse operations.
- **Research Materials Managers** involved in materials handling, inventory optimization, and data-driven decision-making.
- **Inventory Managers** seeking to enhance inventory control, demand forecasting, and stock replenishment strategies.

Outlines

Day 1:

Evolving Warehousing and Inventory Models: Global Trends and Future Outlook

- **Keynote Session: Exploring the Future of Warehousing and Inventory Management**
 - Global supply chain disruptions and the need for adaptive warehousing models.
 - Understanding the growing importance of flexibility and scalability in inventory management.
 - Trends in automation, robotics, and AI-driven warehouse solutions.
 - Interactive Session: Predicting the next big trends in warehousing and inventory.

Day 2:

Strategic Inventory Planning: Forecasting, Safety Stock, and Buffering for Resilience

- Effective Inventory Planning for Strategic Resilience
 - Principles of strategic inventory planning: Forecasting, demand variability, and stock replenishment.
 - Calculating safety stock and managing buffer stock to handle demand fluctuations.
 - Techniques for integrating resilience into inventory strategies.
 - Practical Exercise: Designing an inventory plan with optimal safety stock and buffers.

Day 3:

Warehouse Network Design: Centralized vs. Decentralized Models and Cost Impact

- Designing Efficient Warehouse Networks
 - Evaluating the benefits and trade-offs of centralized vs. decentralized warehouse models.
 - Cost considerations in network design: Transportation, storage, and labor costs.
 - Case Studies: How companies optimize warehouse networks for better cost efficiency and customer service.
 - Group Discussion: Determining the ideal warehouse network design for your organization.

Day 4:

Supplier Relationship Management and Its Role in Inventory Optimization

- Strengthening Supplier Partnerships for Better Inventory Control
 - The role of supplier relationships in optimizing inventory levels and reducing lead times.
 - Vendor-managed inventory VMI and other collaborative replenishment strategies.
 - Tools and techniques for measuring supplier performance.
 - Case Study: Supplier collaboration leading to optimized inventory management.

Day 5:

Financial Risks in Warehousing and Inventory: Obsolescence, Costing, and Insurance

- Managing Financial Risks in Inventory and Warehousing
 - Identifying financial risks: Inventory obsolescence, depreciation, and spoilage.

- Understanding inventory costing: FIFO, LIFO, and other costing methods.
- The role of insurance in mitigating risks: Coverage types, policies, and claims management.
- Workshop: Developing a risk management plan for financial risks in warehousing.

Day 6:

Advanced Demand Shaping and Inventory Positioning for Agile Supply Chains

- **Agility in Inventory Management**
 - Advanced techniques for demand shaping and aligning inventory levels with market needs.
 - Positioning inventory strategically to respond to fluctuations in customer demand.
 - Using data analytics to optimize inventory positioning for greater flexibility and agility.
 - Interactive Exercise: Creating a demand shaping strategy for an agile supply chain.

Day 7:

Managing Reverse Supply Chains and Returns: Turning Cost Centers into Value

- **Reverse Logistics and Value Recovery**
 - Understanding reverse supply chain management: Returns, refurbishments, and recycling.
 - Turning reverse logistics into a competitive advantage: Customer satisfaction, environmental impact, and cost reduction.
 - Circular supply chains: Reusing, recycling, and reducing waste in returns management.
 - Panel Discussion: Case studies of successful reverse logistics and return management strategies.

Day 8:

AI, IoT, and Predictive Analytics for Strategic Inventory and Warehouse Control

- **Leveraging Technology for Strategic Inventory Control**
 - Introduction to AI, IoT, and predictive analytics in warehouse and inventory management.
 - Using real-time data and analytics to drive smarter inventory decisions.
 - Practical applications of AI in inventory forecasting, demand sensing, and warehouse optimization.
 - Hands-on Demo: Exploring the role of AI in streamlining inventory control.

Day 9:

Circular Warehousing Models and Sustainable Inventory Management Practices

- Sustainability in Warehousing and Inventory Management
 - The importance of sustainable practices in warehousing and supply chain operations.
 - Circular economy models: Reducing waste, reusing materials, and minimizing environmental impact.
 - Implementing green logistics: Energy-efficient warehouses, sustainable packaging, and eco-friendly processes.
 - Workshop: Designing a sustainable inventory management plan for your business.

Day 10:

Defining and Measuring KPIs for Strategic Warehouse and Inventory Performance

- Key Performance Indicators KPIs for Warehouse and Inventory Optimization
 - Defining the most important KPIs for measuring warehouse and inventory performance.
 - How to use KPIs to optimize efficiency, reduce costs, and improve customer service.
 - Best practices for benchmarking warehouse performance against industry standards.
 - Group Exercise: Creating a KPI dashboard to track performance improvements.

Registration form on the Conference: Strategic Warehousing, Inventory Planning, and Supply Chain Resilience

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