GTC Transforming Emerging Economies

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Sustainable Logistics and Climate-Resilient Distribution Networks

COURSE OVERVIEW

This course explores the design, operation, and optimization of logistics and distribution systems through the lens of sustainability and climate resilience. Participants will examine how transportation modes, warehousing, packaging, and last-mile delivery interact with environmental, social, and economic objectives, with a focus on reducing greenhouse gas emissions, energy use, and waste while maintaining reliability and cost-effectiveness. The curriculum combines theory with practical frameworks for assessing climate risks, implementing decarbonization strategies, and building resilient networks that can adapt to extreme weather events, regulatory changes, and evolving customer expectations.

WHO SHOULD ATTEND?

This course is designed for professionals in supply chain, logistics, operations, and sustainability roles who seek to deepen their understanding of how climate considerations influence modern distribution networks. It is also suitable for those aiming to lead sustainability initiatives, manage risk and resilience in logistics, or pursue careers in consulting, manufacturing, e-commerce, transportation, or public policy. Prior exposure to basic supply chain or operations management is helpful, but not strictly required.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Explain the principles of sustainable logistics and climate resilience.
- Design logistics systems that reduce emissions and energy consumption.
- Apply green technologies and practices in transportation and warehousing.
- Assess climate-related risks in supply and distribution networks.
- Implement adaptation strategies for resilient logistics operations.
- Collaborate with stakeholders to advance sustainable distribution practices.
- Integrate sustainability and resilience metrics into logistics performance.
- Evaluate global best practices for climate-resilient distribution.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Key drivers of sustainable logistics transformation.
- Tools for lowering carbon footprints in distribution networks.
- Innovative approaches for green transportation and storage.
- Risk assessment methods for climate-related disruptions.
- Adaptive strategies for resilient logistics systems.
- Collaborative models for sustainable supply chain partnerships.
- Measurement techniques for logistics sustainability and resilience.
- Case examples of organizations leading in climate-smart logistics.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded