

Circular Supply Chains and Sustainable Resource Optimization

COURSE OVERVIEW

This course explores the principles and practices of circular supply chains, equipping professionals with the strategies to transition from linear to regenerative resource models. It examines how organizations can redesign supply chain models to minimize waste, extend product lifecycles, and maximize resource efficiency. Through real-world case studies and practical tools, the course demonstrates how circular economy principles can drive cost savings, reduce environmental impact, and build resilient supply chains in alignment with global sustainability goals. Participants will learn to design closed-loop systems that minimize waste, maximize resource efficiency, and create value through innovative approaches like product life extension, reverse logistics, and industrial symbiosis.

WHO SHOULD ATTEND?

This program is designed for supply chain managers, sustainability officers, operations leaders, and procurement professionals seeking to implement circular economy strategies. It is equally valuable for product designers, manufacturing executives, and business strategists across industries such as consumer goods, electronics, automotive, and textiles who want to transform their resource management practices. The content caters to both sustainability specialists and operations professionals new to circular economy concepts.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Apply circular economy principles to supply chain design and operations.
- Develop strategies for product take-back, remanufacturing, and material recovery.
- Implement waste-to-value initiatives and industrial symbiosis programs.
- Assess and optimize resource flows across supply networks.
- Measure circularity performance using key metrics and indicators.
- Align circular strategies with business objectives and sustainability goals.
- Overcome implementation barriers and drive organizational change.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- The fundamentals of circular economy in supply chains.
- Tools for mapping resource flows and waste points.
- Methods for embedding reuse and recycling into operations.
- Approaches to measuring supply chain sustainability.
- Partnership strategies for supplier collaboration.
- Techniques for driving innovation through circular practices.
- Governance considerations for sustainable resource management.
- Case studies of organizations excelling in circular supply chain design.

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