



London TDM

Health, Safety, and Environment (HSE) Training

Course Venue: United Arab Emirates - Dubai

Course Date: From 02 November 2025 To 06 November 2025

Course Place: Downtown Dubai

Course Fees: 5,000 USD

Introduction

Circular economy and resource optimization represent transformative approaches to sustainable development by promoting the efficient use of resources and reducing waste. This professional course is designed to equip participants with comprehensive knowledge and practical skills in applying circular economy principles and optimizing resources in various industries. Over five days, participants will engage with cutting-edge strategies, case studies, and expert insights to drive sustainable change in their organizations.

Objectives

- Understand the core principles of the circular economy.
- Analyze the role of resource optimization in business sustainability.
- Explore successful circular economy models and strategies.
- Develop practical skills for implementing sustainable processes.
- Assess the economic, environmental, and social impacts of circular initiatives.

Course Outlines

Day 1: Introduction to Circular Economy

- Definition and principles of the circular economy
- Historical development and global context
- Key differences between linear and circular models
- The impact of circular economy on sustainability
- Exploring circular business models

Day 2: Resource Optimization Strategies

- Identifying and minimizing resource waste
- Efficient resource utilization techniques
- Life-cycle assessment and its applications
- The role of technology in resource optimization
- Case studies of resource-efficient organizations

Day 3: Designing Products for Circularity

- Principles of circular design and innovation
- Materials selection for sustainable products
- Extending product life cycles
- Designing for disassembly and recyclability
- Case studies of circular product design

Day 4: Implementing Circular Economy Practices

- Developing a circular economy action plan
- Stakeholder engagement and collaboration
- Integrating circular practices into supply chains
- Measuring and monitoring circular performance

- Overcoming challenges in circular implementation

Day 5: Evaluating Impacts and Scaling Up

- Assessing economic and environmental impacts
- Evaluating social benefits of circular economy initiatives
- Financing and scaling circular models
- Policy and regulatory considerations
- Global trends and the future of the circular economy