



Future-Oriented Training and Consulting

EXECUTIVE DEVELOPMENT PROGRAM

Circular Economy

& Sustainable Supply Chains

Redesigning supply chains to reduce waste, extend resource life, and close material loops.

Circular Design Frameworks Practical tools to redesign supply chains around circularity.	Executive Case Studies Real-world examples of circular economy transformation.
Hands-On Assessment Tools Direct exposure to lifecycle-assessment and sourcing tools.	Resilience & Impact Strengthens supply chain resilience and sustainability outcomes.

CONTACT & HEADQUARTERS

www.lux-vie.com | Email: contact@lux-vie.com | Tel: +33-614620984

Address: 50 AVENUE DES CHAMPS ELYSEES, 75008 PARIS

Program Overview

This program equips participants to redesign supply chains around circular economy principles — reducing waste, extending resource life, and closing material loops.

Through case studies, executive discussions, simulations, and hands-on exposure to sustainable sourcing and lifecycle-assessment tools, participants will develop an actionable roadmap for a more resilient, sustainable supply chain.

Program Objectives

- **Understand Circular Economy Principles:** Grasp the shift from linear to circular value chains.
- **Assess Supply Chain Sustainability:** Evaluate environmental and resource impact across the value chain.
- **Apply Lifecycle Assessment Tools:** Measure and reduce the environmental footprint of products.
- **Design for Circularity:** Extend resource life through reuse, repair, and remanufacturing.
- **Build Sustainable Sourcing Strategies:** Select suppliers and materials aligned with circular goals.
- **Lead Sustainable Supply Chain Transformation:** Build the roadmap and leadership skills to drive change.

Target Audience

This program is designed for professionals aiming to build more circular, sustainable, and resilient supply chains, including:

- **Supply Chain & Operations Executives** shaping sourcing and logistics strategy.
- **Sustainability & ESG Leaders** driving corporate environmental goals.
- **Procurement Directors & Category Managers** selecting suppliers and materials.
- **Product Design & Development Leaders** integrating circularity into product design.
- **Logistics & Distribution Managers** optimizing resource and material flows.
- **Consultants & Sustainability Advisors** guiding circular economy adoption.
- **Entrepreneurs & Business Owners** building resilient, sustainable operations.

Program Impact

Participants will complete this program with a clear, actionable roadmap for building a more circular and resilient supply chain. Graduates will return to their organizations ready to reduce waste, extend resource life, and deliver measurable environmental and business impact.

Program Outline

MODULE 1: Foundations of the Circular Economy

- Understanding circular economy principles and models
- From linear to circular: rethinking value chains
- The business case for circularity in supply chains
- Key circular economy frameworks and standards
- Assessing organizational readiness for circular transformation

MODULE 2: Sustainable Supply Chain Strategy

- Defining a sustainable supply chain vision
- Aligning circularity goals with corporate strategy
- Mapping the end-to-end supply chain for sustainability
- Benchmarking against industry sustainability leaders
- Setting measurable circularity and sustainability targets

MODULE 3: Lifecycle Assessment and Environmental Impact

- Fundamentals of lifecycle assessment (LCA)
- Measuring carbon, water, and material footprints
- Using lifecycle-assessment tools and software
- Identifying hotspots for environmental impact reduction

MODULE 4: Sustainable Sourcing and Procurement

- Principles of sustainable and ethical sourcing
- Evaluating suppliers on circularity and sustainability criteria
- Building sustainable supplier partnerships
- Sourcing recycled, renewable, and low-impact materials
- Managing sustainability risk across the supply base

MODULE 5: Circular Product and Packaging Design

- Designing products for durability, repair, and reuse
- Principles of design for disassembly and remanufacturing
- Sustainable packaging design and material selection
- Extending product life through service-based models

MODULE 6: Reverse Logistics and Material Recovery

- Building reverse logistics networks
- Take-back, refurbishment, and remanufacturing systems
- Recycling and material recovery processes
- Closing material loops across the value chain
- Technology and tools for material tracking

MODULE 7: Measuring Impact and Circular Performance

- Key performance indicators for circularity
- Measuring waste reduction and resource efficiency
- Tracking progress against sustainability targets
- Reporting circular economy performance to stakeholders

MODULE 8: Regulation, Risk, and Sustainability Governance

- Navigating global sustainability regulations and standards
- Managing supply chain sustainability risk
- ESG reporting and compliance requirements

MODULE 9: Leading Sustainable Supply Chain Transformation

- Leading teams through sustainability transformation
- Overcoming resistance to circular economy adoption
- Communicating the sustainability vision effectively
- Building a culture of resource stewardship

MODULE 10: Sustaining Circularity and Future Readiness

- Embedding circularity into long-term supply chain strategy
- Anticipating emerging sustainability trends and technologies
- Sustaining momentum beyond the program