



Future-Oriented Training and Consulting

EXECUTIVE DEVELOPMENT PROGRAM

# Blockchain in Supply Chain, Logistics & Procurement

Enhancing transparency, traceability, and trust across supply chains with blockchain.

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|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Blockchain Application Frameworks</b><br>Practical tools to apply blockchain across supply chain operations. | <b>Executive Case Studies</b><br>Real-world examples of blockchain-enabled supply chain transformation. |
| <b>Hands-On Platform Exposure</b><br>Direct exposure to blockchain-based tracking and procurement platforms.    | <b>Traceability &amp; Trust</b><br>Strengthens transparency and trust across sourcing and logistics.    |

## CONTACT & HEADQUARTERS

[www.lux-vie.com](http://www.lux-vie.com) | Email: [contact@lux-vie.com](mailto:contact@lux-vie.com) | Tel: +33-614620984

Address: 50 AVENUE DES CHAMPS ELYSEES, 75008 PARIS

## Program Overview

This program examines how blockchain enhances transparency, traceability, and trust across supply chains.

Through case studies, executive discussions, simulations, and hands-on exposure to blockchain-based tracking and procurement platforms, participants will develop a practical roadmap for integrating blockchain into logistics and sourcing operations.

## Program Objectives

- **Understand Blockchain Fundamentals:** Grasp how blockchain technology works and its supply chain applications.
- **Assess Supply Chain Transparency Needs:** Evaluate where traceability gaps create risk and cost.
- **Apply Blockchain Tracking Tools:** Use blockchain-based platforms to track goods and transactions.
- **Design for Traceability:** Build processes that capture verifiable, end-to-end product data.
- **Build Blockchain-Enabled Procurement Strategies:** Select platforms and partners aligned with traceability goals.
- **Lead Blockchain Integration:** Build the roadmap and leadership skills to drive adoption.

## Target Audience

This program is designed for professionals responsible for integrating blockchain into supply chain, logistics, and procurement operations, including:

- **Supply Chain & Operations Executives** shaping sourcing and logistics strategy.
- **IT & Digital Transformation Leaders** integrating blockchain into supply chain systems.
- **Procurement Directors & Category Managers** selecting suppliers and platforms.
- **Compliance & Risk Managers** ensuring traceability and regulatory compliance.
- **Logistics & Distribution Managers** optimizing tracking and material flows.
- **Consultants & Technology Advisors** guiding blockchain adoption.
- **Entrepreneurs & Business Owners** building transparent, resilient operations.

## Program Impact

Participants will complete this program with a clear, actionable roadmap for integrating blockchain into their supply chain. Graduates will return to their organizations ready to strengthen transparency, traceability, and trust across sourcing and logistics operations.

## Program Outline

### **MODULE 1: Foundations of Blockchain Technology**

- Understanding blockchain principles and models
- From centralized to distributed: rethinking data trust
- The business case for blockchain in supply chains
- Key blockchain frameworks and standards
- Assessing organizational readiness for blockchain adoption

### **MODULE 2: Blockchain Supply Chain Strategy**

- Defining a blockchain-enabled supply chain vision
- Aligning traceability goals with corporate strategy
- Mapping the end-to-end supply chain for transparency
- Benchmarking against industry blockchain leaders
- Setting measurable traceability and trust targets

### **MODULE 3: Blockchain-Based Tracking and Traceability**

- Fundamentals of blockchain-based tracking
- Capturing provenance, custody, and condition data
- Using tracking platforms and software
- Identifying gaps in end-to-end traceability

### **MODULE 4: Blockchain in Procurement and Sourcing**

- Principles of blockchain-enabled procurement
- Evaluating suppliers on transparency and verification criteria
- Building trusted supplier partnerships through shared ledgers
- Sourcing verified, ethically-traced materials
- Managing counterparty risk across the supply base

### **MODULE 5: Smart Contracts and Automated Processes**

- Designing smart contracts for procurement and logistics
- Principles of automated verification and settlement
- Smart contract applications in shipping and payments
- Reducing friction through contract automation

#### **MODULE 6: Logistics Integration and Interoperability**

- Integrating blockchain with logistics and ERP systems
- Interoperability across platforms and consortiums
- Real-time shipment and inventory visibility
- Connecting blockchain data across the value chain
- Technology and tools for logistics integration

#### **MODULE 7: Measuring Impact and Blockchain Performance**

- Key performance indicators for traceability and trust
- Measuring transparency gains and cost reduction
- Tracking progress against blockchain adoption targets
- Reporting blockchain performance to stakeholders

#### **MODULE 8: Regulation, Risk, and Governance**

- Navigating global data and traceability regulations
- Managing supply chain and data security risk
- Governance and compliance requirements for shared ledgers

#### **MODULE 9: Leading Blockchain Adoption**

- Leading teams through blockchain transformation
- Overcoming resistance to blockchain adoption
- Communicating the traceability vision effectively
- Building a culture of transparency and trust

#### **MODULE 10: Sustaining Blockchain Integration and Future Readiness**

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