

# Sustainable Supply Chain and the Circular Economy

## OVERVIEW

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### **Understand the importance of sustainable supply chain management and learn more about the circular economy.**

Supply chain management is an indispensable part of a firm's operations and businesses are increasingly acknowledging the need to manage and mitigate supply chain risks. These can come in the form of expectations by government, consumers and stakeholders for businesses to holistically manage a range of issues such as waste minimisation, carbon emission impact, sustainable packaging, conservation of natural resources, human rights, fair trade, and resilient food chains.

The economic rationale for moving towards a circular economy is strong as it increases the resilience and stability of supply chains. Research has shown that this is estimated to give a global benefit of \$2 trillion. The increasing concern regarding the sources and manufacturing process of products and services is accelerating the urgency for businesses to explore circular business models and engage in sustainable and transparent production processes.

The circular economy is also emerging as an alternative to the traditional linear economy as we know it. An economic system aimed at minimising waste and extending the lifespan of resources, the circular economy stands in stark contrast to the traditional "take-make-waste" system of the linear economy.

The course covers two areas:

- 1) the importance of a sustainable supply chains to business resilience
- 2) tapping a circular economy mindset to enhance business operations through improvements in resource efficiency and a sustainable built environment.

## LEARNING OBJECTIVES

- Understand the business landscape propelling the case for sustainable supply chain management
- Know how to engage with suppliers
- Learn to assess for sustainability-related risks in a company's supply chain

- Understand how to report on a company's supply chain
- Understand the nature of a resource-efficient circular economy
- Apply circular economy strategies
- Manage the life cycle of resources and close the loop

## TOPICS/STRUCTURE

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### **Day 1**

#### **Part A: Sustainable Supply Chain and Operations**

- Importance of a Sustainable Supply Chain
- Establishing expectations for the supply chain
- Supplier engagement, monitoring & evaluation
- Assessing and managing sustainability risks in a company's supply chain
- Understand how the GRI Standards can be used to report on a company's supply chain

### **Day 2**

#### **Part B: Circular Economy**

- Introduction to the background of Sustainability challenges
- Introduction to Circular Economy
- Framework application
- Systems Mapping & case studies
- Circular economy solutions

## WHO SHOULD ATTEND

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Professionals and business owners who are keen on deepening their skills and knowledge in corporate and business sustainability.

Faculty/Trainer Details:



**Faculty: Adjunct Professor Somashekhar N S, (Soma).  
MBA from MIT Sloan School of Management & MIT Sloan Fellow  
in Innovation & Global leadership**

**Adjunct Professor Soma** is an accomplished and multi-faceted professional uniquely positioned to drive the financial sector's journey towards sustainability. With a diverse and impressive background **spanning entrepreneurship, government leadership, sustainability, and academia**, Soma brings a wealth of knowledge and hands-on experience to the IBF approved course on creating a sustainable future for the financial sector.

**Sustainability Expertise:** Soma's commitment to sustainability is underscored by his completion of the Corporate Sustainability into Business Practices and Carbon Accounting & CHG Management - Key to a Low Carbon Future program offered by the United Nations Global Compact Network in Singapore. This training has equipped him with the skills needed to assess carbon emissions, develop effective mitigation strategies, and implement sustainable practices within organizations. Furthermore, his participation in the IBF Master Class with KPMG on ESG Operationalization in the Banking Sector has deepened his understanding of integrating Environmental, Social, and Governance (ESG) considerations into core banking operations.

**Extensive Leadership Experience:** **Soma's 10-year tenure in leadership roles within the Singapore Government at IMDA provided him with valuable insights into government policies and industry dynamics.** His ability to build strong relationships with key stakeholders, including government policymakers, CEOs, and industry leaders, positions him as a valuable connector between academia and industry.

**Industry Versatility:** Soma's career spans a broad spectrum of industries and technologies, **including ICT, e-Government, Digital Media, Digital Marketing, Big Data Analytics, Artificial Intelligence, FinTech, InsurTech, Cyber Security, and many more.** This diverse background enables him to drive innovation, foster digital transformation, and create strategic value for organizations.

**Academic Excellence:** Soma has been actively involved in academia for **over eight years, teaching courses on Innovation & Entrepreneurship and Business**

**Disruptive Technologies.** His role as an **entrepreneur-in-Residence (EIR) at INSEAD** in Singapore and Paris demonstrates his commitment to nurturing and guiding aspiring entrepreneurs.

**Continuous Learning:** Soma's educational journey reflects his commitment to continuous learning and personal growth. **He holds a master's degree in computer applications and an MBA from the prestigious MIT Sloan School of Management, where he also completed programs at Harvard Business School and the John F. Kennedy School of Government.** His designation as an **MIT Sloan Fellow in Innovation and Global Leadership** further enhances his understanding of innovation's global impact.

In summary, Adjunct Professor Soma's unique combination of sustainability expertise, leadership experience, industry versatility, academic excellence, and commitment to lifelong learning makes him an ideal candidate to lead the charge in creating a sustainable future for the financial sector. His wealth of knowledge and ability to bridge the gap between theory and practice will undoubtedly enrich the IBF approved course and empower future financial leaders to drive meaningful change in the industry