

# Vastuullisuus tekstiili- ja muotialalla -koulutuskokonaisuus

Koulutus on rahoitettu Euroopan unionin elpymis- ja palautumistukivälineellä (RRF), joka on EU:n elpymisvälineen (Next Generation EU) suurin ohjelma. Rahoituksen on myöntänyt Jatkuvan oppimisen ja työllisyyden palvelukeskus. Palvelukeskus edistää työikäisten osaamisen kehittämistä ja osaavan työvoiman saatavuutta. Palvelukeskuksen toimintaa ohjaavat opetus- ja kulttuuriministeriö sekä työ- ja elinkeinoministeriö.



Rahoittaja

Jatkuvan oppimisen ja  
työllisyyden palvelukeskus

**TAI**

TURKU AMK



# Sustainability and Risk Management in Fashion Supply Chains

# 1. General



## •Overview of Fashion Supply Chains (FSCs)

- Highly globalized and fragmented
- Characterized by short product life cycles, high demand volatility, and low predictability

## •Importance of Sustainability and Risk Management

- Addressing negative social and environmental impacts
- Managing risks due to natural and man-made disasters

(Rafi-Ul-Shan et al. 2018)



## 2. Sustainability in Fashion Supply Chains

### • Definition and Importance

- Triple bottom line: profit, people, planet
- Integration of social, environmental, and economic goals

### • Sustainability Issues in FSCs

- Environmental impact: pollution, resource depletion
- Social impact: labor exploitation, poor working conditions

### • Benefits and Barriers

- Benefits: cost reduction, risk mitigation, enhanced stakeholder relationships
- Barriers: global supply chain complexity, lack of visibility and control



# Risk Management in Fashion Supply



## Chains

### •Definition and Objectives

- Managing risks to ensure profitability and continuity
- Types of risks: financial, chaos, market, reputational, environmental

### •Risk Management Processes

- Risk identification: sources, triggers, drivers
- Risk prioritization: assessment, evaluation, analysis
- Risk mitigation: strategies for treatment, reduction, monitoring, control

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# Integration of Sustainability and Management

## •Combinatory Approach

- Limited research on combined sustainability and risk management
- Importance of integrating both for FSC continuity and viability

## •Conceptual Frameworks

- Existing frameworks often treat sustainability and risk separately
- Need for a unified framework addressing both aspects

(Rafi-Ul-Shan et al. 2018)

## •Definitional Clarity

- Need for a clear definition of sustainability risk

## •Organizational and Management Practices

- Understanding motivations and barriers for integrating sustainability and risk management

## •Impact on Performance

- Investigating how combined sustainability risk management affects operational performance

## •Framework Development

- Proposing a comprehensive framework for managing sustainability risks in FSCs

# Sources



Fontell, P., & Heikkilä, P. (2017). Model of Circular Business Ecosystem for Textiles (No. T313). VTT Technical Research Centre of Finland Ltd. [www.vttresearch.com/sites/default/files/pdf/technology/2017/T313.pdf](http://www.vttresearch.com/sites/default/files/pdf/technology/2017/T313.pdf)

Rafi-Ul-Shan, Piyya Muhammad, et al. “Relationship between Sustainability and Risk Management in Fashion Supply Chains: A Systematic Literature Review.” *International Journal of Retail & Distribution Management*, vol. 46, no. 5, May 2018, pp. 466–86. DOI.org (Crossref), <https://doi.org/10.1108/IJRDM-04-2017-0092>.