

# Optimisation of the Production Process by Sustainable Management and Use of Resources



To drive the sustainable business transformation of industrial organizations, this initiative focuses on guiding companies toward the most effective pathways for organizational change. This transformation is supported by a comprehensive analysis that results in advancements across technological, business, and intellectual capital, ultimately leading to enhanced financial and environmental sustainability in processes, products, and services.

The approach includes the following key components:

1. **Specification of Resources:** Identifying and detailing the resources utilized in the production process, allowing for a clear understanding of current consumption patterns and resource allocation.
2. **Selection of Effective Use Options:** Evaluating various strategies for more efficient resource utilization, focusing on minimizing waste and optimizing existing processes.
3. **Listing Technologies for Optimized Consumption:** Identifying new or improved technologies that can be implemented to reduce consumption of water, energy, and materials, thereby increasing overall efficiency.
4. **Technical Feasibility Assessment:** Evaluating the technical viability of alternative solutions to ensure they can be effectively integrated into existing systems.
5. **Financial Feasibility Assessment:** Analyzing the financial implications of proposed alternatives to determine their cost-effectiveness and long-term viability.
6. **Optimal Resource Management Selection:** Choosing the best options for sustainable management and use of resources, based on the outcomes of the previous assessments.
7. **Human Resources Development:** Focusing on training and developing HR strategies to support the new technological, production, and management frameworks, ensuring staff are equipped with the necessary skills for successful implementation.
8. **Production Waste Management:** Implementing strategies for managing waste effectively, aiming to minimize environmental impact and promote a circular economy approach.



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This comprehensive framework aims to facilitate a holistic transformation that enhances operational efficiency and promotes sustainability, positioning industrial organizations as leaders in responsible business practices.

Prerequisites :

The service is available to people who accomplish the course

[Driving Sustainable Growth with Innovation Capital](#)

Linked Courses:

- [Creating Sustainable Business Models](#)
- [Integrating Sustainability into the Strategy and Business Model](#)

Linked Course Category:

- [Sustainable Business Management](#)
- [Intellectual Capital Management](#)

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Optimisation of the Production Process by Sustainable Management and Use of Resources	
Language/s	English
Format	online Individual or group are both possible (based on participants needs)
Platform	Zoom
Group Size	5-8 participants
Frequency	Recurring- quarterly
Number of Consultation sessions in total	2
Duration of each Session (in hours)	1 hour
Focus Sector/Industry	Construction



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