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WP3-E-Learning course
T3.2-ReFashionable E-Learning course

The Green Thread: Sustainability in Fashion

E-learning course for professionals, trainers and students in the fashion sector

Curriculum Structure

Project number: 2023-1-ES01-KA220-VET-000155130

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Introduction

The course "**The Green Thread: Sustainability in Fashion**" will enable participants to understand the connection between sustainable development and the apparel industry and allow them to contemplate critically about all aspects of the apparel industry, such as consumption, durability, and sustainable design. The course, the lessons, the topics analysed and the expected learning outcomes are based on the results of the focus groups, conducted in all participating countries. The course aims to cover the detected learning needs and gaps.

The Re-Fashionable course will complement the "Re-fashionable platform" in providing the participants with the collected wisdom and expertise of the partners' background in course creation, sustainability and a content that addresses at equal degrees fashion business executives, students, designers and environmental organisations. The objective of the course is to allow participants, possibly coming to the project results through the Re-fashionable platform, but also separately, to find all the necessary information, practical and theoretical to make their business, their designs and business planning more sustainable, particularly regarding the fashion world and its impact, and additionally, to find a network of like-minded fashion professionals.

The target groups of the eLearning course involve people who work directly in the fashion industry such as designers, manufacturers, marketing etc., or indirectly, trainers, consultants, service providers and people who aspire to work with or for this industry such as students, entrepreneurs, developers etc.

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Overall Structure and Lessons

Duration of the course	24 hours
Methodology	eLearning -self paced course
	Introduction 12 Lessons x 2 hours (structure of course, short intro video) Lessons 1-12 Power point, pdf, h5p etc, videos created for the lesson, online lectures, case studies, practical exercise/fashion industry scenario, plus learning resources, plus 2-3 assessment questions (simple questions demonstrating understanding) and 5 multiple choice questions for the final assessment test Final assessment (15 questions. Pool of 60 questions (12X5, automatic selection of 15)
Target Groups	• Designers • Manufacturers • Marketing consultants • Trainers • Service providers • Fashion students • Entrepreneurs • Developers
Objectives	• Understand the Principles of Sustainable Fashion • Apply Circular Economy Concepts • Evaluate Environmental and Social Impact of conventional fashion. • Acquire skills to integrate sustainability into fashion business models.

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	• Learn strategies for promoting responsible consumption among consumers. • Implement Sustainable Design Practices • Explore innovative technologies and digital solutions that enable sustainable practices in fashion design, production, and distribution. • Foster a culture of continuous improvement and innovation in sustainable fashion practices
Teaching Methods:	• Presentations of the topics in ppt • Short assessment questions • One case studies / practical exercise /fashion industry scenario per lesson • Additional resources such as videos, interactive presentations in h5p etc Each lesson author whould further detail learning methods and contents
Structure of the course	•
Introduction	• Introduction and course structure • Lesson 1: Introduction to circular fashion and sustainable development • Lesson 2: Fundamentals of Sustainable Fashion • Lesson 3: Circular Design Principles • Lesson 4: Sustainable Material Selection • Lesson 5: Sustainable Education for Fashion Students • Lesson 6: Environmental Organizations and Sustainable Fashion • Lesson 7: Innovation and Technology in Sustainable Fashion • Lesson 8: Better Management of Resources in Production Process • Lesson 9: Reconciling Circular Systems with Economic Needs • Lesson 10: Transitioning Towards Sustainable Choices Without Losing Stylistic Characteristics • Lesson 11: Social Media and Influencers in Sustainable Fashion • Lesson 12: Individual Responsibility in Sustainable Fashion • Final Assessment Test

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Analysis of Lessons

Introduction	Introduction
Topics	Structure of the ReFashionable e-learning course Presentation providing an overview of the lessons and their topics

Lesson 1			Introduction to Circular Fashion and Sustainable Development
Topics			1. Understanding Circular Economy 2. Sustainable Development Goals in Fashion 3. Interconnection of Sustainable Development and Fashion
Learning Outcomes			After the completion of the lesson, the learner will be able to: 1. Define circular economy and its application in the fashion industry. 2. Identify specific Sustainable Development Goals (SDGs) relevant to the apparel sector. **3.** Analyse the relationship between sustainable development and fashion industry practices
Training Content (to be filled by the responsible	**Type (ppt, video, link, h5p, assessment**	**Title of the resource**	**Duration**

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organisation for each lesson) To cover 2h of learning, each lesson should include: • One or more PPT presentations of at least 20 slides • One case study/practical exercise / scenario at least 10 slides (preferable with some interactive element like h5p) • 3 assessment questions. • Additional content link external videos, Tedx etc • 5 multiple choice questions per module for the final test.	**questions etc)**			

Lesson 2	**Fundamentals of Sustainable Fashion**
Topics	1. Definition and Importance of Sustainable Fashion 2. Lifecycle Analysis of Clothing

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<table>
<tr><td colspan="2"></td><td colspan="3">3. Environmental and Social Impacts of Conventional Fashion
4. Benefits of Transitioning to Sustainable Fashion
5. Strategies for Promoting Sustainability in Fashion</td></tr>
<tr><td colspan="2">Learning Outcomes</td><td colspan="3">After the completion of the lesson, the learner will be able to:
1. Define sustainable fashion and articulate its importance.
2. Conduct lifecycle analysis of clothing and identify key impacts.
3. Analyse environmental and social implications of conventional fashion.
4. Evaluate benefits of transitioning to sustainable fashion practices.
5. Develop strategies for promoting sustainability in fashion.</td></tr>
<tr><td rowspan="8">Training Content (to be filled by the responsible organisation for each lesson)

To cover 2h of learning, each lesson should include:

• One or more PPT presentations of at least 20 slides
• One case study/practical exercise / scenario at least 10 slides (preferable with some interactive element like h5p)
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• Additional content link external videos, Tedx etc</td><td>Type (ppt, video, link, h5p, assessment questions etc)</td><td>Title of the resource</td><td>Duration</td></tr>
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Lesson 3	**Circular Design Principles**
Topics	1. Overview of Circular Design Principles 2. Application of Cradle-to-Cradle Design (C2C suggests that industry must protect and enrich ecosystems and nature's biological metabolism while also maintaining a safe, productive technical metabolism for the high-quality use and circulation of organic and technical nutrients.[1] It is a holistic, economic, industrial and social framework that seeks to create systems that are not only efficient but also essentially waste free. 3. Zero Waste Design Strategies 4. Case Studies of Circular Fashion Initiatives 5. Development of Circular Fashion Design Concepts
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand various circular design principles. 2. Apply cradle-to-cradle design concepts. 3. Implement zero waste design strategies. 4. Analyse case studies of successful circular fashion initiatives. 5. Develop circular fashion design concepts integrating sustainable principles.

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Lesson 4	Sustainable Material Selection
Topics	1. Introduction to Sustainable Materials 2. Environmental Footprint Analysis of Fabrics 3. Comparison of Sustainable Material Options 4. Criteria for Sustainable Material Selection 5. Development of Sustainable Material Sourcing Plans

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Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Identify sustainable materials used in fashion. 2. Analyse environmental footprints of fabrics. 3. Compare sustainability of different materials. 4. Develop criteria for selecting sustainable materials. 5. Create sustainable material sourcing plans.

Training Content (to be filled by the responsible organisation for each lesson)	**Type (ppt, video, link, h5p, assessment questions etc)**	**Title of the resource**	**Duration**
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Lesson 5	Sustainable Education for Fashion Students
Topics	1. Essentials of Sustainable Fashion Education 2. Integrating Sustainability into Fashion Curriculum 3. Case Studies of Sustainable Fashion Education Programs 4. Practical Skills for Sustainable Fashion Design 5. Career Opportunities in Sustainable Fashion
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the importance of sustainable fashion education. 2. Develop strategies for integrating sustainability into fashion curriculum. 3. Analyse case studies of successful sustainable fashion education programs. 4. Acquire practical skills for sustainable fashion design, such as pattern making and textile manipulation. 5. Explore career opportunities in the field of sustainable fashion.

Training Content (to be filled by the responsible organisation for each lesson)	**Type (ppt, video, link, h5p, assessment questions etc)**	**Title of the resource**	**Duration**
To cover 2h of learning, each lesson should include: • One or more PPT presentations of at least 20 slides			

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• One case study/practical exercise / scenario at least 10 slides (preferable with some interactive element like h5p) • 3 assessment questions. • Additional content link external videos, Tedx etc • 5 multiple choice questions per module for the final test.			

Lesson 6	**Environmental Organizations and Sustainable Fashion**
Topics	1. Role of Environmental Organizations in Fashion Sustainability 2. Environmental Impact Assessment in Fashion 3. Advocacy and Campaigning for Sustainable Fashion 4. Collaborative Initiatives with Fashion Industry Stakeholders 5. Policy Development and Regulation for Sustainable Fashion
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the role of environmental organizations in promoting sustainability within the fashion industry.

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	2. Conduct environmental impact assessments specific to fashion. 3. Develop strategies for advocacy and campaigning to raise awareness about sustainable fashion issues. 4. Identify opportunities for collaboration with fashion industry stakeholders. 5. Participate in policy development and regulation related to sustainable fashion.

Training Content (to be filled by the responsible organisation for each lesson)	**Type (ppt, video, link, h5p, assessment questions etc)**	**Title of the resource**	**Duration**
To cover 2h of learning, each lesson should include: • One or more PPT presentations of at least 20 slides • One case study/practical exercise / scenario at least 10 slides (preferable with some interactive element like h5p) • 3 assessment questions. • Additional content link external videos, Tedx etc • 5 multiple choice questions per module for the final test.			

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Lesson 7	**Innovation and Technology in Sustainable Fashion**
Topics	1. Introduction to Innovation and Technology in Fashion 2. Sustainable Materials Innovations 3. Digital Solutions for Sustainable Fashion 4. Circular Economy Technologies 5. Future Trends and Challenges in Sustainable Fashion Technology
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the role of innovation and technology in advancing sustainability within the fashion industry. 2. Identify sustainable materials innovations and their potential impact on fashion. 3. Explore digital solutions for enhancing sustainability in fashion design, production, and distribution. 4. Analyze technologies enabling circular economy principles in fashion. 5. Anticipate future trends and challenges in sustainable fashion technology.

Training Content (to be filled by the responsible organisation for each lesson) To cover 2h of learning, each lesson should include: • One or more PPT presentations of at least 20 slides • One case study/practical	**Type (ppt, video, link, h5p, assessment questions etc)**	**Title of the resource**	**Duration**

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exercise / scenario at least 10 slides (preferable with some interactive element like h5p) • 3 assessment questions. • Additional content link external videos, Tedx etc • 5 multiple choice questions per module for the final test.			

Lesson 8	**Better Management of Resources in Production Process**
Topics	1. Resource Efficiency in Fashion Production 2. Sustainable Material Management Practices 3. Energy Efficiency and Renewable Energy Sources 4. Waste Reduction Strategies and Circular Manufacturing 5. Sustainable Distribution and Supply Chain Optimization
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the importance of resource efficiency in fashion production. 2. Implement sustainable material management practices to reduce waste and environmental impact. 3. Identify opportunities for energy efficiency and utilization of renewable energy sources in manufacturing processes.

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	4. Develop strategies for waste reduction and circular manufacturing to minimize environmental footprint. 5. Optimize distribution processes to achieve sustainable and efficient supply chains.

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Lesson 9	**Reconciling Circular Systems with Economic Needs**
Topics	1. Economics of Circular Fashion Systems

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	2. Business Models for Circular Economy in Fashion 3. Circular Design for Economic Viability 4. Financial Incentives and Investment Opportunities 5. Challenges and Strategies for Scaling Circular Fashion Businesses
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the economic principles underlying circular fashion systems. 2. Explore business models that support circular economy principles in fashion. 3. Apply circular design strategies to enhance economic viability and profitability. 4. Identify financial incentives and investment opportunities for circular fashion businesses. 5. Develop strategies for overcoming challenges and scaling circular fashion initiatives.

Training Content (to be filled by the responsible organisation for each lesson)	**Type (ppt, video, link, h5p, assessment questions etc)**	**Title of the resource**	**Duration**
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Lesson 10	**Transitioning Towards Sustainable Choices Without Losing Stylistic Characteristics**
Topics	1. Balancing Aesthetics and Sustainability in Fashion 2. Sustainable Material Innovation and Design 3. Adaptive Design and Modularity 4. Ethical Sourcing and Production 5. Consumer Education and Engagement in Sustainable Fashion
Learning Outcomes	After the completion of the lesson, the learner will be able to: 1. Understand the importance of balancing aesthetics and sustainability in fashion. 2. Explore sustainable material innovation and design techniques that preserve stylistic characteristics. 3. Implement adaptive design and modularity to extend product lifecycles and enhance versatility. 4. Ensure ethical sourcing and production practices without compromising on style. 5. Develop strategies for educating and engaging consumers in making sustainable fashion choices.

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Lesson 11	Social Media and Influencers in Sustainable Fashion
Topics	1. Role of Social Media in Fashion Communication 2. Influence of Influencers on Consumer Behaviour 3. Pros and Cons of Social Media and Influencers in Promoting Sustainable Fashion 4. Case Studies of Successful Sustainable Fashion Influencer Campaigns

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	5. Strategies for Collaborating with Influencers to Promote Circular and Sustainable Fashion
Learning Outcomes	Upon the completion of the lesson the learners will be able to: 1. Understand the significance of social media platforms in fashion communication and consumer engagement. 2. Analyse the influence of social media influencers on consumer behaviour and fashion trends. 3. Evaluate the advantages and disadvantages of using social media and influencers to promote sustainable fashion. 4. Examine case studies of successful sustainable fashion influencer campaigns and their impact. 5. Develop strategies for collaborating with influencers to effectively promote circular and sustainable fashion practices.

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Lesson 12	**Individual Responsibility in Sustainable Fashion**
Topics	1. Understanding Individual Impact in Fashion Consumption 2. Ethical and Sustainable Consumer Behaviour 3. Empowering Consumers to Make Informed Choices 4. Practical Strategies for Sustainable Fashion Consumption 5. Advocacy and Activism for Individual and Collective Change
Learning Outcomes	Upon the completion of the lesson the learners will be able to: 1. Recognize the significance of individual consumption habits in shaping the fashion industry's environmental and social impact. 2. Evaluate the ethical and sustainable considerations associated with consumer behaviour in fashion. 3. Develop skills to make informed choices as responsible consumers, considering factors such as materials, production practices, and supply chain transparency. 4. Implement practical strategies for practicing sustainable fashion consumption in daily life, including clothing care, repair, and disposal.

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	5. Advocate for individual and collective action towards a more sustainable fashion industry through activism, education, and community engagement.

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Final Assessment Test	**Final Assessment Test**
Assessment Method	Multiple Choice test (4 possible answers, one correct answer) 15 questions.

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	Pool of 60 questions = 5 questions per lesson Automatic selection of 15 questions Minimum 70% of the questions answered correctly to succeed in the test

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