Co-funded by the
Erasmus+ Programme
of the European Union

TICHE ACADEMY

Training Offer

ABSTRACT

TICHE - Training Innovation for Circularity and Holistic economies - is an Erasmus project aims at establishing a **European VET Academy on Circular Economy**, based on a transnational cooperation of a very experienced and complementary partnership, (including associated partners), joining Research centers, Vet centres, University, SMEs, clusters, Umbrella organizations and international networks, public administrations, that will work together as an ecosystem to increase capacity building and responsiveness of the VET systems, according to an “European Education Area”.

LEARN MORE ABOUT THE PROJECT

Co-funded by the European Union

2021-1-IT01-KA220-VET-0000331

Template for the TICHE Academy training offer's detailed description

General Description of the training initiative

Training initiative (title) *(ex. Expert in an eco-design for circular economy in the textile and fashion industries)*	**GREEN COMP**_Nuovi business model e nuove tecnologie a supporto dell'economia circolare New business models and new technologies supporting the transition to Circular Economy
EQF Level (if applicable)	Not applicable
Proficiency level *(foundation/basic, intermediate, advanced, high specialized level)*	Foundation/basic
Expected learning outcomes *(By the end of this course, the learners will acquire …….)*	The training offer made available has the aim of allowing graduates to enhance and enrich the knowledge and skills acquired as a result of their university career to act, in competitions and work organizations, on their specific training curricula by adopting and transferring new approaches and new knowledge necessary to complete and integrate "sectoral" knowledge and skills to activate and enable new consumption models, new community models and new business models and new markets to encourage an acceleration of the positive ecological transition.
Methodologies	Lessons, teamwork, exercises, case studies
Mode of Learning *(Blended, online, onsite)*	Online
Assessment *(ex. test)*	Not applicable
Certification and recognition	Certificate of attendance
Targets	The target audience are people who have graduated for less than 24 months and are resident or domiciled in Emilia Romagna region
Delivery Language/s	Italian

Modules of the training initiative

Module N.	Title of the Module/s	Learning/training hours (total)
MODULE 1	Nuovi business model e nuove tecnologie a supporto dell'economia circolare/ New business models and new technologies supporting the transition to Circular Economy	60 Hours

Module's detailed description

MODULE 1	
Tile of the module: New business models and new technologies supporting the transition to Circular Economy	
Main objectives of the module	
The course aims to give an overall introduction into the circular economy value chain and relate circular economy practices to supply chains as well as provide some first basic steps on how circular economy principles can be implemented into new business models.	
Contents/subjects of the module	
- analyze business models and bring them to circular conversion; - understand the concept of Carbon footprint and Carbon neutrality - know the LCA approach in product / process evaluation; - know the fundamentals of eco-design; - Understanding the application of Industry 4.0 systems for the implementation of the Circular Economy and develop a broad and strategic vision that allows you to evaluate the potential of 4.0 technologies; - Know the practices for involving stakeholders and engagement in terms of industrial symbiosis; - Define specific improvement plans and establish measurable objectives, with concrete actions to detect the circularity of input and consumption of materials in production cycles; - Optimize the management of waste and industrial waste, knowing the management criteria in order to initiate recovery and reuse actions, with a focus on critical raw materials - Energy valorization of waste and waste	
Learning Outcomes **The Learner will** *(ex. Have a clear understanding of the concept of CE, its historic development, its definitions, its principles. Know key examples of CE inpractice.)*	**Assessment criteria:** **The learner can** *(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)*
Overall introduction on how to manage new business models and how to implement them using circular economy	Analyze a business model and evaluate how to transform it into a circular business model with the help of new technologies

ACHIEVEMENTS

Module: ***Title***		
Knowledge *(Means the body of facts, principles, theories*	***Skills*** *(Means the ability to apply knowledge and use*	***Competencies*** *(Means the proven ability to use knowledge,*

and practices that is related to afield of work or study. It is described as theoretical and/or factual knowledge)	*know-how to complete tasks and solve problems. They are described as cognitive (logical, intuitive, and creative thinking) or practical (involving manual dexterity and the use of methods, materials, tools and instruments)*	*skills and personal, social and methodological abilities in work or study situations and in professional and personal development. It is described in terms of responsibility and autonomy)*
At the end of this unit the participant ***will know:***	*At the end of this unit the participant* ***will be able to:***	*At the end of this unit, the participant* ***will have acquired the responsibility and autonomy to:***
Understanding of circular economy concepts, including its definition, principles, and historical development. Familiarity with the differences between circular and linear economic models. Knowledge of strategies and characteristics of circular economy models, such as resource efficiency, waste minimization, and product life extension.	Apply theoretical knowledge of circular economy principles to real-world scenarios and problems. Critical thinking skills in assessing the effectiveness and implications of circular economy strategies.	Adaptability in responding to evolving challenges and opportunities in the field of circular economy.