

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”.



Università
degli Studi
di Ferrara



Wuppertal
Institut



LEARN MORE ABOUT THE PROJECT



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Template for the TICHE Academy training offer's detailed description

General Description of the training initiative

Training initiative (title) <i>(ex. Expert in an eco-design for circular economy in the textile and fashion industries)</i>	Introduction on Sustainable Development, Circular Economy and CSR
EQF Level (if applicable)	None
Proficiency level <i>(foundation/basic, intermediate, advanced, high specialized level)</i>	Foundation/basic
Expected learning outcomes <i>(By the end of this course, the learners will acquire)</i>	By the end of this course, the learners will: <ul style="list-style-type: none"> • Understand the challenges of Sustainable Development • Distinguish between the notions of circular economy, social economy and CSR • Identify the measures and actions of CSR for companies • Identify the impact of CSR on performance management
Methodologies	<ul style="list-style-type: none"> • Small group discussion and collective restitution • Debate • Flipped pedagogy: learner search for and analyze information before collective synthesis • Videos • Quiz and exercises
Mode of Learning <i>(Blended, online, onsite)</i>	Onsite Possibility online
Assessment <i>(ex. test)</i>	<ul style="list-style-type: none"> • Individual quiz at the beginning of each module • Individual and group exercises on specific themes • Final test: mix of questions and small case study
Certification and recognition	None
Targets	<ul style="list-style-type: none"> • Students in VET (professional Licence – 3 years after high school)

Modules of the training initiative

Module N.	Title of the Module/s	Learning/training hours (total)
MODULE 1	Introduction and definition of Sustainable Development	3.5
MODULE 2	Circular Economy vs Linear Economy	3.5
MODULE 3	CSR definition and methodology	3.5
MODULE 4	CSR in performance management	3.5
MODULE 5	Final test	3.5

Module's detailed description

MODULE 1	
Title of the module: Introduction and definition of Sustainable Development	
<i>Main objectives of the module</i>	
<ul style="list-style-type: none"> • Define what is sustainable development • Identify its main 3 pillars • Understand when and at what occasion such definition was shared internationally • Identify main challenges that we face considering the 3 pillars: economy, environment and social 	
<i>Contents/subjects of the module</i>	
<ul style="list-style-type: none"> • Sustainable development, what is it? <ul style="list-style-type: none"> ○ Origins of sustainable development • Compatibility between economy and sustainable development issues <ul style="list-style-type: none"> ○ Parallel between sustainable development and natural cycles (water, air, carbon...) ○ Human impacts, environmental & social issues ○ Perspectives given by sustainable development 	
Learning Outcomes The Learner will <i>(ex. Have a clear understanding of the concept of CE, its historic development, its definitions, its principles. Know key examples of CE in practice.)</i>	Assessment criteria: The learner can <i>(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)</i>
<ul style="list-style-type: none"> • Have a clear understanding of Sustainable Development, its definition, main pillar • Have a clear understanding on the main human impacts • Understand the necessity of a change through a sustainable development 	<ul style="list-style-type: none"> • Define sustainable development and share a common definition with his peers • Explain main human impacts considering the 3 pillars of sustainable development

ACHIEVEMENTS

Module: Introduction and definition of Sustainable Development		
Knowledge	Skills	Competencies
<i>(Means the body of facts, principles, theories and practices that is related to a field of work or study. It is described as theoretical and/or factual knowledge)</i>	<i>(Means the ability to apply knowledge and use 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)</i>	<i>(Means the proven ability to use knowledge, 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)</i>
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:
<ul style="list-style-type: none"> • The definition of sustainable development • The principal impacts of our conventional model on the environment, the economy and social aspects 	<ul style="list-style-type: none"> • Understanding the systemic workings of the circular economy 	<ul style="list-style-type: none"> • Identifying the dynamics and players in the circular economy

<ul style="list-style-type: none"> The main challenges faced by society including companies in environmental, social et economic fields 		
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MODULE 2

Title of the module: Circular Economy vs Linear Economy

Main objectives of the module

- Define Linear Economy and Circular Economy
- Compare Linear Economy and Circular Economy
- Define the notion of Life cycle for a product or service
- Identify the main pillars of Circular Economy and give concrete examples for each

Contents/subjects of the module

- Exercise using videos to compare Linear/ Circular Economy
- Identification of the 7 pillars of Circular Economy
- Search for concrete examples to illustrate each pillars
- Exercise to identify the main steps of Life Cycle of a product
- Exercise to position its own company's practices into Linear or Circular Economy
- Identification of main laws and local politics on Circular Economy and potential impacts on companies' practices

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 in practice.)

- Have a clear understanding of Circular Economy, its definition, main pillars
- Know key examples of circular economy in practice

Assessment criteria:

The learner can

(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)

- Distinguish Linear Economy from Circular Economy
- Define both economies
- List the 7 pillars constituting Circular Economy
- Identify concrete examples of practices in Circular Economy
- Identify main laws, norms and local politics concerning Circular Economy that can influence companies' practices

ACHIEVEMENTS

Module: Circular Economy vs Linear Economy

Knowledge	Skills	Competencies
<i>(Means the body of facts, principles, theories and practices that is related to a field of work or study. It is described as theoretical and/or factual knowledge)</i>	<i>(Means the ability to apply knowledge and use 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)</i>	<i>(Means the proven ability to use knowledge, 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)</i>
<i>At the end of this unit the</i>	<i>At the end of this unit the participant will</i>	<i>At the end of this unit, the</i>

<i>participant will know:</i>	<i>be able to:</i>	<i>participant will have acquired the responsibility and autonomy to:</i>
<ul style="list-style-type: none"> • The definition of circular economy and linear economy • The main pillars that constitute a circular economy and their transposition at national, regional scale • The main laws, norms and politics linked to circular economy that can impact their company 	<ul style="list-style-type: none"> • Understanding the systemic workings of the linear and circular economy 	<ul style="list-style-type: none"> • Identifying the dynamics and players in the linear and circular economy

MODULE 3

Title of the module: CSR definition and methodology

Main objectives of the module

- Define the notion of CSR
- Define stakeholders
- Identify CSR strategy in a company
- Briefly describe the norm ISO 26000
- Distinguish Greenwashing practices vs CSR practices
- Identify main steps of a CSR approach in companies

Contents/subjects of the module

- Short debate on the notion of “responsibility” for companies
- Search for a common definition of CSR and key words: voluntary approach, stakeholders, sustainable development, positive impacts...
- Focus on stakeholders
- Group exercise on the “ideal company”
- Research information on the norm ISO 26000
- Examples of greenwashing practices vs real CSR engagement
- Exercise on the identification of the main steps to implement a CSR approach
- Focus on each step of the process
- Collective exercise on impacts of CSR strategy
- Individual small case study
- Main CSR Indicators

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 in practice.)

Assessment criteria:

The learner can

(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)

<ul style="list-style-type: none"> • Have a clear understanding of CSR, its definition • Know key examples of CSR in practice • Identify the main steps to implement a CSR Strategy • Know that ISO 26000 can be a tool for CSR in companies 	<ul style="list-style-type: none"> • Define CSR • List examples of concrete CSR practices in their companies • Present the main steps to implement a CSR approach in a company
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ACHIEVEMENTS

Module: CSR definition and methodology		
Knowledge	Skills	Competencies
<i>(Means the body of facts, principles, theories and practices that is related to a field of work or study. It is described as theoretical and/or factual knowledge)</i>	<i>(Means the ability to apply knowledge and use 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)</i>	<i>(Means the proven ability to use knowledge, 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)</i>
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:
<ul style="list-style-type: none"> • The definition of CSR • The main steps that each company need to follow to implement of CSR approach • The norm ISO 26000 is a tool for companies on CSR 	<ul style="list-style-type: none"> • Identify a CSR method to apply to a given context 	<ul style="list-style-type: none"> • Realize a basic diagnostic on CSR practices in their companies

MODULE 4	
Title of the module: CSR in performance management	
<i>Main objectives of the module</i>	
<ul style="list-style-type: none"> • Define a complete cost • Define externality and impact • Give examples of positive and negative externalities 	
<i>Contents/subjects of the module</i>	
<ul style="list-style-type: none"> • Definition of complete costs • CSR as an investment more than a cost for the company • Exercise on positive and negative externalities • Difference between externality and impact • Synthesis on: CSR, a performance lever? • Short quiz on CSR 	
Learning Outcomes The Learner will <i>(ex. Have a clear understanding of the concept of CE, its historic development, its definitions, its principles. Know key examples of CE in practice.)</i>	Assessment criteria: The learner can <i>(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)</i>
<ul style="list-style-type: none"> • Understand the benefits of a long-term CSR strategy for the company and its stakeholders • Be aware of the notion of positive and negative externalities 	<ul style="list-style-type: none"> • Define the concept of externality and compare it to the definition of impact • Identify relevant examples of CSR practices in their companies

ACHIEVEMENTS

Module: CSR in performance management		
Knowledge	Skills	Competencies
<i>(Means the body of facts, principles, theories and practices that is related to a field of work or study. It is described as theoretical and/or factual knowledge)</i>	<i>(Means the ability to apply knowledge and use 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)</i>	<i>(Means the proven ability to use knowledge, 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)</i>
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:
<ul style="list-style-type: none"> • The definition of externality • That implementing a long term CSR strategy can have a positive impact on company's performance 	<ul style="list-style-type: none"> • Identify impacts and externalities of its own company 	<ul style="list-style-type: none"> • Realize a basic diagnostic on CSR practices in their companies

MODULE 5	
Title of the module: Final test	
<i>Main objectives of the module</i>	
<ul style="list-style-type: none"> Evaluate the learner on all notions seen in modules 1, 2 and 3 	
<i>Contents/subjects of the module</i>	
<ul style="list-style-type: none"> Questions on definitions, examples of practices, key words, methodology Case study with specific questions (example with smartphone manufacturer) 	
Learning Outcomes The Learner will <i>(ex. Have a clear understanding of the concept of CE, its historic development, its definitions, its principles. Know key examples of CE in practice.)</i>	Assessment criteria: The learner can <i>(ex. Define the concept of CE and provide relevant examples. Identify relevant supporting concepts related to CE.)</i>
<ul style="list-style-type: none"> Evaluate his knowledge and comprehension of the training 	<ul style="list-style-type: none"> Define and identify circular practices

ACHIEVEMENTS

Module: Final test		
Knowledge	Skills	Competencies
<i>(Means the body of facts, principles, theories and practices that is related to a field of work or study. It is described as theoretical and/or factual knowledge)</i>	<i>(Means the ability to apply knowledge and use 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)</i>	<i>(Means the proven ability to use knowledge, 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)</i>
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:
<ul style="list-style-type: none"> The definition of circular dynamics 	<ul style="list-style-type: none"> Identify impacts and externalities 	<ul style="list-style-type: none"> Realize a basic diagnostic on CSR practices