

Joint development, piloting and validation of entrepreneurial mindset and key skills curricula and training materials for third countries



Entrepreneurial Mindset and Key Skills for All

ENTRECOMP CURRICULUM

3.3 COPING WITH UNCERTAINTY, AMBIGUITY AND RISK

TASK ID AND TITLE 2.2: JOINT DEVELOPMENT OF THE CURRICULA AND TRAINING MATERIALS FOR ENTRECOMP

PARTNER RESPONSIBLE FOR THIS ACTIVITY: MMC MEDITERRANEAN MANAGEMENT CENTER



PROJECT MAIN DETAILS

Programme:	Erasmus+
Key Action:	Lump Sum Grants
Project title:	Joint development, piloting and validation of entrepreneurial mindset and key skills curricula and training materials for third countries
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COORDINATED BY



PROJECT PARTNERS



Jordan Youth Innovation Forum
الملتقى الأردني للإبداع الشبابي

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TRAINING CURRICULUM FOR COMPETENCE: COPING WITH UNCERTAINTY, AMBIGUITY AND RISK

Aim of the workshop

The workshop aims to equip participants with the knowledge, skills, and competencies necessary to effectively navigate uncertainties, risks, and ambiguities in decision-making processes within entrepreneurial contexts. By applying various decision-making frameworks, designing risk-mitigating testing plans, and developing agile strategies, participants will gain the ability to adapt quickly, flexibly, and efficiently in fast-moving situations. This will ultimately enhance their capacity to make informed and responsive decisions amidst uncertainty.

Learning outcomes

After the end of the workshop, the participants will be in a position to:

In terms of knowledge:

Describe various decision-making frameworks as well as the influence of uncertainty, risk, and ambiguity on the decision-making process.

In terms of skills:

Apply different decision-making frameworks, while designing risk-mitigating testing plans to navigate uncertainties.

In terms of competences:

Demonstrate the ability to adapt quickly, flexibly, and efficiently in fast-moving situations by creating agile strategies and responsive plans for unexpected changes.

Training methodology

- Synchronous Online Learning
- Self-Directed Learning

Prerequisites



- Beginner level
- Specific skills required
- Previous workshops required

If the workshop requires specific skills or participation in previous workshops, please explain:

N/A

SYNCHRONOUS ONLINE LEARNING

Workshop duration

6 hours.

Training techniques

- Lecture (compulsory)
- Individual Exercise
- Group Exercise
- Role play
- Experiential Workshop
- Group Discussion
- Brainstorming
- Case Study
- Questions and Answers (multiple-choice and open-ended questions)
- Other (Please indicate) _____

Necessary equipment and materials

Equipment:

- ✓ Laptop

Materials:



- ✓ PowerPoint Presentation
- ✓ Worksheets
- ✓ Paper and Pens

Workshop programme breakdown

No.	Theme/Content	Workload in minutes				
1	<p>Understanding Uncertainty, Risk, and Ambiguity</p> <table border="1" data-bbox="289 688 1182 1625"> <thead> <tr> <th data-bbox="289 688 833 800">Structure</th> <th data-bbox="833 688 1182 800">Training Technique/Code of Methodological Tool</th> </tr> </thead> <tbody> <tr> <td data-bbox="289 800 833 1625"> <ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> ○ Overview of the training program and learning objectives ○ Icebreaker activity: "Uncertainty Bingo" • Defining Uncertainty, Risk, and Ambiguity: • Defining and differentiating uncertainty, risk, and ambiguity • Interactive activity: Identifying uncertainties, risks, and ambiguities in real scenarios. • The Impact of Uncertainty on Decision-Making: <ul style="list-style-type: none"> ○ Recognizing cognitive biases and how they can influence decision-making under uncertainty ○ Exploring different risk tolerance levels and how they impact decision-making. </td> <td data-bbox="833 800 1182 1625"> <p>Lecture: Coping with uncertainty, risk and ambiguity/PPT3.3_1</p> <p>Group Exercise: BINGO Mingle (Ice Breaker)/MT3.3_1</p> <p>Closed-ended Question: Matching Question/MT3.3_2</p> </td> </tr> </tbody> </table>	Structure	Training Technique/Code of Methodological Tool	<ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> ○ Overview of the training program and learning objectives ○ Icebreaker activity: "Uncertainty Bingo" • Defining Uncertainty, Risk, and Ambiguity: • Defining and differentiating uncertainty, risk, and ambiguity • Interactive activity: Identifying uncertainties, risks, and ambiguities in real scenarios. • The Impact of Uncertainty on Decision-Making: <ul style="list-style-type: none"> ○ Recognizing cognitive biases and how they can influence decision-making under uncertainty ○ Exploring different risk tolerance levels and how they impact decision-making. 	<p>Lecture: Coping with uncertainty, risk and ambiguity/PPT3.3_1</p> <p>Group Exercise: BINGO Mingle (Ice Breaker)/MT3.3_1</p> <p>Closed-ended Question: Matching Question/MT3.3_2</p>	45 minutes
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2	Decision-Making Frameworks for Uncertainty	120 Minutes				

	Structure	Training Technique/Code of Methodological Tool	
	<ul style="list-style-type: none"> • Introduction to Decision Making Process. • Introduction to Decision-Making Frameworks: <ul style="list-style-type: none"> ○ Overview of different frameworks and their strengths and weaknesses • Deep Dive into Specific Frameworks: <ul style="list-style-type: none"> ○ Decision Tree Analysis (DTA) & Scenario Planning. ○ Detailed explanation of each framework, including its steps and applications ○ Hands-on practice: Applying the chosen frameworks to solve practical scenarios. 	<p>Lecture: Coping with uncertainty, risk and Ambiguity/PPT3.3_1</p> <p>Individual Exercise: Decision-Making Process/MT3.3_3</p> <p>Case Study: How to Apply Decision-making Frameworks/MT3.3_4</p>	
3	Navigating Uncertainty through Action and Planning		150 minutes
	Structure	Training Technique/Code of Methodological Tool	
	<ul style="list-style-type: none"> • Developing Risk Mitigation Strategies: <ul style="list-style-type: none"> ○ Introduction to risk management process. ○ Identifying the risk assessment tool and the different risk mitigation strategies. ○ Group Exercise: Applying risk mitigation strategies in a specific scenario • Designing Testing and Prototyping Plans: <ul style="list-style-type: none"> ○ Difference between Prototype and Testing. 	<p>Lecture: Coping with uncertainty, risk and Ambiguity/PPT3.3_1</p> <p>Group Exercise: Planning a Safe and Fun Camping Trip (Risk Management Challenge)/MT3.3_5</p> <p>Group Exercise: Prioritization in Action!/MT3.3_6</p>	



	<ul style="list-style-type: none"> ○ Why do we test prototypes? ○ Prototype test plan. ● Agile Strategies for Adaptability: <ul style="list-style-type: none"> ○ The definition and importance of Agility. ○ The Agile Mindset. ○ The Agile Framework ○ Prioritization Tools 		
4	Wrap-up		45 minutes
	Structure	Training Technique/Code of Methodological Tool	
	<ul style="list-style-type: none"> ● Revision ● Q&A 	Lecture: Coping with uncertainty, risk and Ambiguity/PPT3.3_1	

List of methodological tools

No.	Training Technique	Code of Methodological Tool
1	Lecture	PPT3.3_1
2	Group Exercise: BINGO Mingle (Ice Breaker)	MT3.3_1
3	Questions and Answers (Matching question)	MT3.3_2
4	Individual Exercise: Decision-Making Process	MT3.3_3
5	Case Study: How to Apply Decision-making Frameworks	MT3.3_4
6	Group Exercise: Planning a Safe and Fun Camping Trip (Risk Management Challenge)	MT3.3_5
7	Group Exercise: Prioritization in Action!	MT3.3_6

SELF-DIRECTED LEARNING

Resources



No.	Resource Title	Attachment (if applicable)
Understanding Uncertainty, Risk, and Ambiguity		
1	European Commission's EntreComp Certificate (2021, March). Coping with ambiguity, uncertainty and risk [PDF]. https://entrecompcertificate.eu/wp-content/uploads/2021/03/Coping-with-ambiguity-uncertainty-and-risk.pdf	
Decision-Making Frameworks for Uncertainty		
2	University of Massachusetts Dartmouth (n.d.). The decision-making process. https://www.umassd.edu/fycm/decision-making/	
3	LinkedIn (n.d.). How do you design effective scenarios for decision-making? https://www.linkedin.com/pulse/how-use-linkedin-connect-decision-makers-matt-cretzman	
4	FourWeekMBA (n.d.). Frameworks for decision-making. https://fourweekmba.com/frameworks-for-decision-making/	
Navigating Uncertainty through Action and Planning		
5	Maze (n.d.). Prototype testing: A step-by-step guide. https://maze.co/features/prototype-testing/	
6	Qualaroo (2021, August 18). Step-by-step testing your prototype. https://maze.co/blog/prototype-testing/	
7	Migso PCubed (2021, September 29). The four-step risk management process. https://www.360factors.com/blog/five-steps-of-risk-management-process/	
8	Monday.com (n.d.). Risk mitigation: Strategies to minimize project risks. https://monday.com/blog/project-management/project-risk-management/	
9	AuditBoard (n.d.). What is a risk assessment matrix? https://www.auditboard.com/blog/creating-a-successful-risk-assessment-plan/	
10	Indeed (n.d.). Risk mitigation strategies: A guide to proactive problem-solving. https://www.indeed.com/career-advice/career-development/risk-mitigation-strategies	
11	LinkedIn (n.d.). Being agile vs. doing agile: A mindset shift. https://www.linkedin.com/pulse/what-agile-simon-powers	

12	McKinsey & Company (n.d.). The journey to an agile organization. https://www.mckinsey.com/capabilities/people-and-organizational-performance/our-insights/the-journey-to-an-agile-organization	
13	Spica International. (n.d.). The Eisenhower Matrix: A popular prioritization framework. https://www.spica.com/blog/the-eisenhower-matrix	
14	TechTarget (n.d.). MoSCoW method. https://www.altexsoft.com/blog/most-popular-prioritization-techniques-and-methods-moscow-rice-kano-model-walking-skeleton-and-others/	
List of Suggested Resources for Self-Directed Learning		
1	eLearning Esmart Project (n.d.). Compendium of entrepreneurship. https://www.elearning.esmart-project.eu/courses/compendium-of-entrepreneurship/	
2	The Upside of Uncertainty: How to Find Hidden Opportunities in Disruption by Nassim Nicholas Taleb (2012)	
3	Sapiens: A Brief History of Humankind by Yuval Noah Harari (2014).	
4	Decisive: How to Make Better Choices in Life and Work by Chip Heath and Dan Heath (2013).	
5	Mindset: The New Psychology of Success by Carol Dweck (2006).	
6	Agile Project Management for Dummies by Mark Layman (2014).	

