



POOL OF QUESTIONS

**about worldwide sustainable food
in the context of a circular economy**



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BASIC PROJECT INFORMATION

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Project team	Coordinator: TURUN YLIOPISTO, Finland Euro-Idea Fundacja Społeczno Kulturalna, Poland Youth Europe Service, Italy Horeca Academie bv, Netherlands M.M.C Management center limited, Cyprus Raison seudun koulutuskuntayhtymä, Finland
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LO 1

MC Code: 1.1		LO Number: 01
Question: 01		
Single Choice		
Which of the following best described the core process of a linear economy?		Correct answer [indicate with x]
1	Take – make – use - dispose	x
2	Extract – produce – recycle	
3	Repair – reuse – return - recycle	
4	Buy – sell – trade - consume	

MC Code: 1.1		LO Number: 01
Question: 02		
Single Choice		
A primary characteristic of the linear economy is that is based on which premise?		Correct answer [indicate with x]
1	Abundant and easily available resources	x
2	Sharing and renting products to reduce waste	
3	Using all available energy from renewable source	
4	A focus on product durability and longevity	

LO 2

MC Code: 1.2		LO Number: 02
Question: 03		

Single Choice		
Which of the following best described the core process of circular economy?		Correct answer [indicate with x]
1	Extract – produce – consume – reuse – recycle	x
2	Take – consume – reuse – recycle	
3	Extract – produce – consume - dispose	
4	Take – consume – reuse – dispose	

MC Code: 1.2		LO Number: 02
Question: 04		
Single Choice		
What is the concept of circular economy?		Correct answer [indicate with x]
1	A strategy that encourages the disposal of resources after one-time use.	
2	A system focused on increasing waste and depleting resources.	
3	A concept that promotes the use of single-use products.	
4	A system aimed at eliminating waste and the continual use of resources.	x

MC Code: 1.2		LO Number: 02
Question: 05		
Single Choice		
Explain the difference between linear economy and circular economy		Correct answer [indicate with x]
1	Linear economy follows a take-make-dispose model, while circular economy aims to minimize waste and keep resources in use for as long as possible through recycling, reusing and remanufacturing.	x
2	Linear economy follows a 'recycle-reuse-reduce' model, while circular economy focuses on increasing waste and disposing of resources.	

3	Linear economy promotes sustainability and environmental conservation, while circular economy does not prioritize resource management.	
4	Linear economy aims to minimize waste and keep resources in use for as long as possible through recycling, reusing, and remanufacturing, while circular economy follows a 'take-make-dispose' model.	

MC Code: 1.2		LO Number: 02
Question: 06		
Single Choice		
In the context of the circular economy, what is the primary goal regarding food waste?		Correct answer [indicate with x]
1	Maximizing landfill use for food waste disposal	
2	Preventing food waste and keeping resources in use for as long as possible	X
3	Accelerating single-use packaging in food industries	
4	Shifting all food waste into incineration plants	

MC Code: 1.2		LO Number: 02
Question: 07		
Single Choice		
Training staff on sustainable practices, such as waste sorting and energy conservation, is an effective management strategy to support a circular economy in tourism.		Correct answer [indicate with x]
1	True	X
2	False	
3		
4		

MC Code: 1.2		LO Number: 02
Question: 08		
Single Choice		
Which of the following partnerships best illustrates circular economy collaboration in reducing food waste?		Correct answer [indicate with x]
1	A supermarket partnering with charities to redistribute unsold food	X
2	A restaurant discarding leftovers at the end of each day	
3	A producer increasing production without tracking demand	
4	A retailer disposing of products past their "best before" date into landfill	

MC Code: 1.2		LO Number: 02
Question: 09		
Single Choice		
Which of the following is the top priority in the food waste hierarchy?		Correct answer [indicate with x]
1	Composting food scraps	
2	Landfilling excess food	
3	Preventing food from being waste	X
4	Using food for animal feed	

MC Code: 1.2		LO Number: 02
Question: 10		
Single Choice		
What is the key difference between food loss and food waste?		Correct answer [indicate with x]

1	Food loss is intentional, while food waste is accidental	
2	Food loss occurs at the consumption level, while food waste occurs before the consumer	
3	Food loss occurs before reaching consumers, while food waste is discarded even if fit for consumption	x
4	Food loss involves inedible packaging, while food waste does not	

MC Code: 1.2		LO Number: 02
Question: 11		
Single Choice		
The food waste hierarchy ranks options based on their:		Correct answer [indicate with x]
1	Economic cost	
2	Environmental benefit	x
3	Social impact	
4	Legal requirements	

MC Code: 1.2		LO Number: 02
Question: 12		
Single Choice		
Why is composting considered a circular economy practice?		Correct answer [indicate with x]
1	It reduces greenhouse gas emissions but creates no useful product	
2	It transforms organic waste into a valuable soil amendment, closing nutrient loops	x
3	It reduces the cost of landfill taxes for companies	
4	It eliminates the need for food production	

MC Code: 1.2		LO Number: 02
Question: 13		
Single Choice		
Which of the following most directly contributes to achieving “zero waste” goals in food systems?		Correct answer [indicate with x]
1	Focusing only on recycling food waste	
2	Implementing a mix of prevention, redistribution, reuse, and recycling strategies	x
3	Increasing production regardless of demand	
4	Limiting food donation programs	

MC Code: 1.2		LO Number: 02
Question: 14		
Single Choice		
What is the main purpose of food rescue programs?		Correct answer [indicate with x]
1	To provide food for pets	
2	To collect unsold food for redistribution to people in need	x
3	To convert food waste into energy	
4	To train chefs in portion control	

MC Code: 1.2		LO Number: 02
Question: 15		
Single Choice		
How does consumer behavior influence circular economy success in food waste reduction?		Correct answer [indicate with x]

1	By demanding cheaper products regardless of waste impact	
2	By practicing portion control, meal planning and correct storage	x
3	By ignoring expiration dates and labels	
4	By discarding food as soon as it approaches “best before” dates	

MC Code: 1.2		LO Number: 02
Question: 16		
Single Choice		
In the tourism and hospitality sector, which of the following is an example of applying circular economy practices?		Correct answer [indicate with x]
1	Hotels replacing reusable amenities with single-use plastics for convenience	
2	Hotels donating surplus food to local communities and composting organic waste	x
3	Restaurants offering unlimited buffets without portion control	
4	Airlines discarding all unused packaged food after flights	

MC Code: 1.2		LO Number: 02
Question: 17		
Single Choice		
What role does food waste management play in sustainable hospitality operations?		Correct answer [indicate with x]
1	It helps reduce operating costs, improve environmental performance, and strengthen a hotel’s brand reputation	x
2	It mainly reduces the number of guests visiting a hotel	
3	It ensures that restaurants can produce unlimited food for buffets	

4	It increases landfill capacity for hotels	
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MC Code: 1.2		LO Number: 02
Question: 18		
Single Choice		
Which circular economy innovation is increasingly used in restaurants to minimize food waste?		Correct answer [indicate with x]
1	Smart portion-sizing and digital tools for tracking inventory and leftover	X
2	Increasing portion sizes to satisfy customers	
3	Ignoring expiration dates on ingredients	
4	Expanding menu options without analysing demand	

MC Code: 1.2		LO Number: 02
Question: 19		
Single Choice		
Which of the following strategies reduces food waste while enhancing the guest experience?		Correct answer [indicate with x]
1	Offering smaller portion sizes with the option for refills	X
2	Providing unlimited food with no monitoring	
3	Discarding all uneaten food immediately	
4	Avoiding menu adjustments based on seasonal ingredients	

MC Code: 1.2		LO Number: 02
Question: 20		
Single Choice		

How does circular economy thinking connect with the UN Sustainable Development Goal (SDG) 12 on responsible consumption and production?		Correct answer [indicate with x]
1	It promotes the elimination of all packaging	
2	It encourages overproduction to lower costs	
3	It focuses on reducing waste and maximizing resources efficiency	X
4	It prioritizes incineration as the best waste solution	

MC Code: 1.2		LO Number: 02
Question: 21		
Single Choice		
Which KPI category evaluates how efficiently raw materials are utilized in production?		Correct answer [indicate with x]
1	Waste management – Outputs	
2	Use of materials – Inputs	X
3	Economic issues	
4	Education and awareness	

MC Code: 1.2		LO Number: 02
Question: 22		
Single Choice		
Waste management KPIs primarily measure:		Correct answer [indicate with x]
1	The ratio of non-renewable to renewable inputs	
2	The percentage of waste reused, recycled or recovered	X
3	The amount of invested in new technologies	
4	The price of raw materials	

MC Code: 1.2		LO Number: 02
Question: 23		
Single Choice		
A major barrier to adopting circular economy practices in tourism is the low cost of implementing sustainable technologies.		Correct answer [indicate with x]
1	True	
2	False	x
3		
4		

MC Code: 1.2		LO Number: 02
Question: 24		
Single Choice		
Which of the following is an example of circular economy practice in tourism?		Correct answer [indicate with x]
1	Using single-use plastics in hotels for convenience	
2	Implementing a food waste composting program in resorts	x
3	Building new hotels without environmental assessments	
4	Importing all food supplies for tourist destinations	

MC Code: 1.2		LO Number: 02
Question: 25		
Single Choice		
What is a key challenge in implementing a circular economy in tourism?		Correct answer [indicate with x]
1	Lack of tourist interest in sustainable practices	

2	High initial costs for sustainable infrastructure	x
3	Abundance of resources in all tourist destinations	
4	Absence of government regulations	

MC Code: 1.2		LO Number: 02
Question: 26		
Single Choice		
How can circular economy principles be applied to tourist accommodations?		Correct answer [indicate with x]
1	Using disposable linens and towels for convenience	
2	Refurbishing furniture and using recycled materials for renovations	x
3	Replacing all equipment annually to maintain aesthetics	
4	Ignoring energy-efficient lighting solutions	

MC Code: 1.2		LO Number: 02
Question: 27		
Single Choice		
What is a benefit of adopting circular economy practices in tourism?		Correct answer [indicate with x]
1	Increased environmental degradation	
2	Higher dependence on non-renewable resources	
3	Reduced operational costs through resource efficiency	x
4	Decreased tourist satisfaction due to sustainable measures	

MC Code: 1.2		LO Number: 02
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Question: 28		
Single Choice		
How can global food waste solutions be applied to local contexts?		Correct answer [indicate with x]
1	By replicating successful strategies such as food donation networks, adjusted to local regulations and culture norms	X
2	By applying the same solution everywhere, without adaptation	
3	By focusing only one large-scale industrial solutions	
4	By ignoring international examples and creating isolated systems	

MC Code: 1.2		LO Number: 02
Question: 29		
Single Choice		
What is a key good management practice for implementing a circular economy in a tourism business?		Correct answer [indicate with x]
1	Ignoring stakeholder feedback on sustainability initiatives	
2	Using non-recyclable materials to reduce costs	
3	Prioritizing short-term profits over long-term sustainability	
4	Training staff on waste reduction and recycling techniques	X

MC Code: 1.2		LO Number: 02
Question: 30		
Single Choice		
Which operational barrier often challenges circular economy adoption in tourism?		Correct answer [indicate with x]
1	Lack of integration between departments to implement sustainable practices	X
2	Excess availability of trained staff for circular initiatives	

3	Low demand for sustainable tourism experiences	
4	Efficient waste management systems already in place	

Open-ended Questions:

- 1. Address the Qualitative and Quantitative KPIs for the measurement of circularity.**
- 2. Address the drivers of circular economy in tourism sector.**
3. Circular economy certification schemes are becoming increasingly common in hospitality. Explain their purpose and describe how such certification can support a business in reaching its sustainability goals.
4. Discuss how consumer behavior influences sustainable food consumption in hospitality. Suggest two strategies that businesses can adopt to encourage more sustainable choices among their guests.

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