



Scenario-based Learning for Green Transversal Skills in Tourism (TRANS4GREEN)

2023-2-BG01-KA210-VET-000185392

ASSESSMENT LEVEL 1: REACTION SMILE SHEET

THEME CODE	THEME TITLE	ESCO SKILL
T04	ADVANCING ZERO-WASTE PRACTICES AND SUSTAINABLE MOBILITY TO PROTECT THE ENVIRONMENT	ADOPT WAYS TO REDUCE POLLUTION

Dear learner, please rate the following aspects of your learning experience:

HOW CONFIDENT ARE YOU THAT YOU COULD USE WHAT YOU'VE LEARNED IN A WORK SETTINGS? (Choose one)

Not ready yet – I'm not able to use these skills in a real work situation



Basic awareness – I understand the concepts but would need a lot of guidance to use them



Developing skills – I can use these skills with some help or supervision in practice tasks



Confident – I can use these skills well on my own in a real setting.



Expert level – I can use these skills very well and could guide or support others in using them.



THINKING ABOUT THE CONCEPTS TAUGHT IN THIS TOPIC, HOW MOTIVATED ARE YOU TO USE THESE SKILLS IN A REAL WORK SETTING? (Choose one)

Not a priority – I don't plan to focus on using these skills.



Low priority – I might use these skills, but they won't be a main focus.



Moderate priority – I will try to use these skills when possible.

High priority – I will actively look for ways to use these skills.



Top priority – I will make using these skills one of my main goals.





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Which parts of the training were MOST HELPFUL for your learning? What should we make sure to keep in future training?

Which parts of the training COULD BE BETTER OR MORE HELPFUL for your learning?
Remember, your feedback is critical, especially in providing us with constructive ideas for improvement.

Is there anything we didn't ask that you think is important? Anything else you'd like to share with us?



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ASSESSMENT LEVEL 2: LEARNING
ASSESSMENT QUIZ

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Choose the right answer:

- Which of the following best describes the Zero-Waste approach?**
 - Reducing only plastic use in hotels
 - Disposing of waste in landfills as quickly as possible
 - Preventing waste generation, reusing, recycling, and composting
 - Burning all waste to recover energy
- Why is composting important in tourism waste management?**
 - It creates more space in landfills
 - It converts organic waste into natural fertilizer and reduces methane emissions
 - It eliminates the need for recycling plastic
 - It replaces all energy recovery systems
- According to studies, how much more solid waste can tourists generate compared to local residents?**
 - The same amount
 - Half as much
 - Up to twice as much
 - Three times less
- Which of the following is NOT part of the waste hierarchy?**
 - Prevention
 - Reuse
 - Recycling
 - Overconsumption
- What is the main advantage of data-based waste monitoring methods in tourism?**
 - They help identify problem areas and reduce waste effectively
 - They are more expensive but reduce guest complaints



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- C) They eliminate the need for staff training
- D) They make waste separation unnecessary

6. Which transport option contributes the MOST to carbon emissions in tourism?

- A) Cycling
- B) Short-haul flights
- C) Electric buses
- D) Walking tours

7. Which of the following practices made Hotel Verde a leading example in sustainable tourism?

- A) Offering unlimited plastic bottles to guests
- B) Rainwater harvesting, composting, and bicycle reward systems
- C) Burning waste for energy recovery only
- D) Eliminating public transport options for guests

8. What was the main achievement of the Alpine Pearls initiative?

- A) Reducing carbon emissions per tourist by 30%
- B) Recycling 100% of hotel waste
- C) Offering free short-haul flights for tourists
- D) Using only disposable plastic in restaurants

Excellent work! Thank you!



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Correct answers

1. C,
2. B,
3. C
4. D
5. A
6. B
7. B
8. A



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ASSESSMENT LEVEL 2: LEARNING ASSIGNMENT

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For individual work

Scenario:

You are working for a tourism business (depending on your field of study – a hotel, a restaurant, a bar, or a travel agency). The company has decided to improve its environmental responsibility by adopting **zero-waste practices** and promoting **sustainable mobility options** for guests and staff. You are asked to design a plan that helps the business reduce pollution and operate in a more resource-efficient way.

Task:

Develop a **Zero-Waste and Sustainable Mobility Plan** for your tourism business. The plan should include concrete actions and strategies that can realistically be applied in daily operations to reduce waste, limit pollution, and support eco-friendly travel choices.

Content Guidelines:

- **Identify and analyse key sources of pollution** in your business (e.g., single-use plastics, food waste, high transport emissions) and explain how they impact the environment.
- **Propose at least three practical zero-waste measures**, such as replacing disposables with reusable alternatives, introducing refill stations, or using digital tools to cut paper and packaging waste.
- **Suggest at least two sustainable mobility measures**, such as promoting bike rentals, offering discounts for public transport, or providing electric shuttle services.
- Develop an action plan that includes:
 - **Short-term measures** (low-cost, easy actions that can be implemented quickly)



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- **Medium-term measures** (actions that need investment, training, or supplier collaboration)
- **Long-term measures** (strategic goals for a zero-waste and low-carbon operation)
- Include a timeline and basic budget estimates for implementation.



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ASSESSMENT LEVEL 3: BEHAVIOR CHECKLIST

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Instructions: This checklist is designed to evaluate how participants apply zero-waste practices and sustainable mobility within the educational institution or workplace after completing the training (minimum 1 month later). Please assess each item according to the following scale:

1 – 2 – 3 – 4 – 5 –
Never Rarely Sometimes Often Always

1. Application of Zero-Waste Practices

Reduces or avoids single-use plastics (e.g., straws, bottles, packaging).

Separates waste correctly (recyclables, compost, general).

Uses or promotes refill stations, reusable containers, or eco-friendly alternatives.

Monitors or reports waste amounts in daily operations.



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2. Promotion of Sustainable Mobility

Chooses or encourages eco-friendly transport options (bike, walking, public transport, EVs).

Provides guests/customers/ teammates with information about sustainable mobility choices.

Supports workplace/ educational initiatives (e.g., bike-sharing programs, shuttle systems).

3. Environmental Responsibility in ~~Daily Work~~

Actively participates in zero-waste and mobility initiatives of the business or the education provider.

Suggests new ideas to further reduce pollution in the workplace/ education institution.

Encourages colleagues/guests/ teammates to adopt eco-friendly habits.

4. Consistency and Results

Demonstrates sustainable practices regularly, not occasionally.

Shows measurable improvements (e.g., less waste generated, lower transport emissions).



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Receives positive feedback from
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environmental responsibility.

After completing the assessment, summarize the findings:

- **High-level performance (average score 4–5):**
Consistently applies zero-waste and mobility practices, acts as a role model.
- **Medium-level performance (average score 3):**
Applies some practices but inconsistently, needs further support.
- **Low-level performance (average score 1–2):**
Rarely applies practices, barriers (motivation, resources, management) should be identified.



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ASSESSMENT LEVEL 4: RESULTS CHECKLIST

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Instructions: This checklist is designed to evaluate measurable results of zero-waste practices and sustainable mobility in the workplace after completing the training (minimum 1 month later). Please assess each item according to the following scale:

0 = No change | 1 = Some change | 2 = Clear positive change

1. Before & After Comparison -*Check data one month before training and one month after.*

Waste bins show reduced single-use plastics and general waste	☐ 0	☐ 1	☐ 2
Records show fewer plastic bottles, straws, or packaging items being used.	☐ 0	☐ 1	☐ 2
Transport logs or costs show reduced fuel consumption and increased use of eco-friendly options (bikes, EVs, public transport).	☐ 0	☐ 1	☐ 2

Score (0–6): _____

2. Short Surveys / Feedback- *Collect feedback from staff and tourists (2–3 short questions).*

Staff report more consistent zero-waste practices in daily work.	☐ 0	☐ 1	☐ 2
Tourists notice reduced plastic use and more sustainable transport options.	☐ 0	☐ 1	☐ 2



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Overall satisfaction with the company's green practices has improved. ☐ 0 ☐ 1 ☐ 2

Score (0–6): ____

3. Observation Check - Supervisors/trainers observe staff routines.

Employees actively reduce or replace single-use plastics. ☐ 0 ☐ 1 ☐ 2

Waste separation (recyclables, compost, general) is properly done. ☐ 0 ☐ 1 ☐ 2

Guests are informed about or offered sustainable transport options. ☐ 0 ☐ 1 ☐ 2

Visible signs of mobility initiatives (bike racks, EV charging, information boards). ☐ 0 ☐ 1 ☐ 2

Score (0–8): ____

Final Results

Total Score (0–20): ____

Interpretation:

- **13–20 points:** Strong results – Clear improvement in waste reduction and mobility practices.
- **7–12 points:** Medium results – Some improvement, but further measures/support needed.
- **0–6 points:** Low results – No significant change, barriers should be analysed (lack of resources, motivation, or management support). addressed.