



ESTET

**EMBEDDING SUSTAINABILITY SKILLS IN TOURISM
EDUCATION AND TRAINING**

Project No. : 2020-1-PL01-KA202-081845

THEME ALLOCATED:	Water Management – advanced level
PARTNER ORGANISATION:	Promimpresa
TITLE OF THE WEBQUEST:	Become a sustainable water manager!
INTRODUCTION:	
Tourism is one of the key industries for international economic recovery after the pandemic, especially for developing countries. It is important to think of how the tourism industry can become more environmentally-friendly to promote the sustainability of the planet. Undoubtedly, the importance of water conservation lies in the multiple benefits that water brings to both human beings and other living beings on the planet. Without water, none of nature's components could survive. Therefore, the correct use of available water resources is really important for the functioning of any ecosystem, both anthropic and natural. Nowadays, the importance of water conservation or water efficiency is related to the need to adapt to climate change. This phenomenon is seriously increasing the vulnerability of poorly managed water systems, both locally and globally. Now more than ever, it is important to think of how tourists can contribute to correct management and protection of water. This is a key priority to promote the development of quality and sustainable tourism, practiced by tourists who are sensitive to environmental issues. There are a lot of simple actions that can make a difference!	
TASKS	
The natural and cultural heritage of our planet is negatively affected by the growth of demand for water. Your job is to present a water management plan. Water conservation has become an imperative, even if you are in a region where there is no real shortage of this resource. The water crisis is a global problem, affecting us all and having a real impact on all aspects of our lives. It is only a matter of time before chaos is unleashed by the lack of water or before the crisis begins to improve. It is up to you to take action to conserve water and produce a water management plan for your hotel. Water is a non-renewable natural resource and population growth, manufacturing and consumption policies, among other problems, have caused it to become scarce. Only 2% of the earth's freshwater reserves are in glaciers and polar ice caps, while 97% of the earth's water is salty. Knowing this, you decide that you want to make a change to the hospitality industry and act as an example to promote sustainable water management. It is up to you to take action to conserve water and produce a water management plan for your hotel. To complete the task, you need to find information on ways to reduce, reuse and recycle water. Before completing the activity, answer the following questions: 1. What does 'sustainable water management' mean? 2. How can adopting a water management plan reduce hotel water usage and waste and reduce rising water bills? 3. What kind of actions can tourists consider when they are abroad?	
PROCESS	
<u>Step 1: What does 'sustainable water management' mean?</u> Find out what sustainable water management is and why it is important. Click the links below for more information: : • Sustainable Water Management (SWM) Profile • Sustainable Water Essential Guide	

Step 2: How can adopting a water management plan reduce hotel water usage and waste and reduce rising water bills?

Find what kind of measures you can take as a hotel manager to reduce water consumption. Click on the links below for more information:

- [6 Ways to Reduce Water Consumption in Hotels](#)
- [WATER MANAGEMENT AND CONSERVATION FOR TOURISM FACILITIES](#)

Step 3: What kind of actions can tourists consider when they are abroad?

What are the actions of tourists who visit your hotel that could contribute to water sustainability? Click on the following links for more information:

- [8 Ways to Save Water While Traveling and at Home](#)
- [Conserving Water: Ways to Save Water on the Road - Culture With Travel](#)

You have completed your research and now it's time to come up with an efficient water management plan for both your staff and tourists who visit your hotel. This will lead to better water conservation for your hotel, and can encourage others to think about their water usage too. Not only will this help you to make eco-friendly choices, but it will save your hotel money too!

For more information on water management plans, click on the following links:

- [Ideas for your Water Management Plan](#)
- [Water Management Plan - Best Practices](#)

Present your water management plan by thinking about the following questions:

1. What would be the difference between your water management plan and a plan that does not consider sustainable aspects?
2. What are the possible ways to initiate water conservation?
3. Do you think that executing an informed water management plan to include technology upgrades and employee training can reduce tourism water usage?

Now it's time to complete your own water management plan. Feel free to create your own plan, or use the template below to help!

Area (eg; operations, landscaping, commercial kitchens, heating and cooling, etc.)	Current Practice (What is the current system in place?)	Water Management Improvement Practice (What practice can you implement that will conserve / reuse water?)

EVALUATION

Quiz questions:

1. What are the three R's to water conservation?
 - a) Reduce, Recycle, Reorganize
 - b) Reduce, Reuse, Resupply
 - c) Reduce, Resupply, Redistribute
 - d) Reduce, Reuse, Recycle
2. True or False. Choose the statement that is true.
 - a) Water is a precious resource and we take it for granted that water will flow when we turn on a faucet.
 - b) It is not important to conserve water because water is plentiful.
 - c) Water availability will not be a problem for future generations.
 - d) A good way to conserve water is to leave the faucet running when you brush your teeth.
3. What is ecotourism? Select the correct definition:
 - a) Ecotourism is to make sure the water is clean to drink.
 - b) Ecotourism is to make sure that the local people are happy to work for your leisure.
 - c) Ecotourism is to reduce the impact that tourism has on naturally beautiful environments.
 - d) Visiting a place and making sure you get value for money.

CONCLUSION

Sustainable tourism can ensure that future generations can enjoy the beauty of our planet as much as we do.

As a society, we all have the responsibility to address the problem of water conservation in three areas. The first is to modify our habits and customs regarding water consumption; then there is the transformation and adaptation of our lifestyle to one that is more respectful of the environment; and the third is activism, helping other people understand the importance of water conservation and what they can do. By creating a water management plan, you are acting as an advocate for the environment by promoting sustainable water management. By conserving water, you can become a green traveller. This will help you to contribute to preserving the natural heritage and the local ecosystem.

