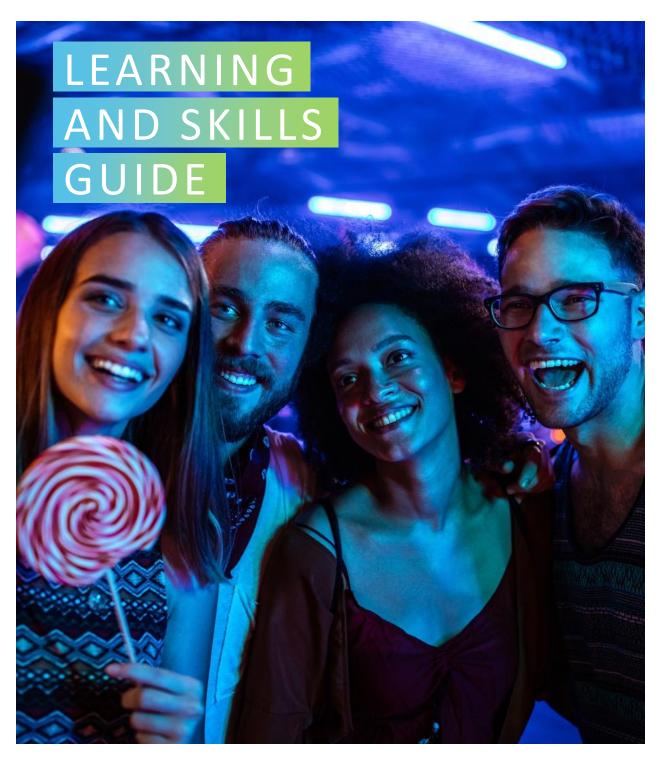
# FUTURE FESTIVAL TOOLS

GREEN COMPETENCY FOR EVENT PROFESSIONALS





# HOW TO USE THIS INTERACTIVE GUIDE

The Future Festival Tools Learning and Skills Guide is an online interactive set of resources and additional learning links.

We invite you to use these links and to explore and engage with the case studies and best practices in more detail.

INTERACTIVE CONTENT IS IDENTIFIED IN THIS GUIDE BY THESE ICONS





#### **DEEPER LEARNING**

Click to find out more about our case studies





#### **TOP TIP**

To return to the TOOLS – use the click to go back option in your browser



#### **FAST AND EASY NAVIGATION**

Jump to a case study of choice by clicking on the interactive table of contents at the beginning of each section



## **PROJECT:**

Future Festivals Tools Learning and Skills Guide

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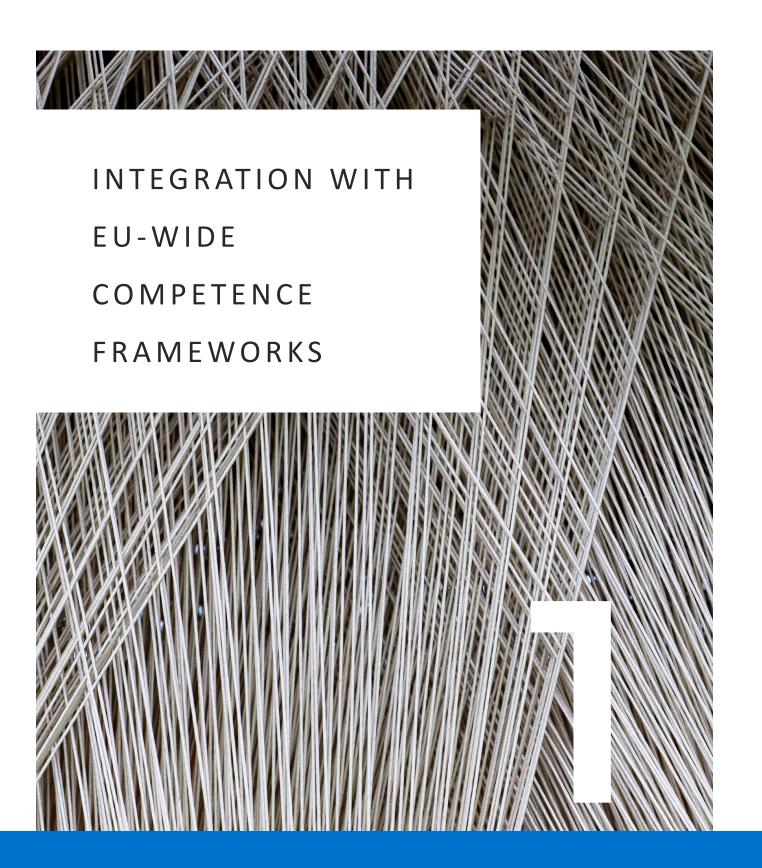
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ENTRECOMP

GREENCOMP





EntreComp, short for Entrepreneurship Competence Framework, is a European framework created by the European Commission to develop and promote entrepreneurial skills and as particularly relevant to Future Festival Tools, an entrepreneurial mindset among individuals. It provides a comprehensive understanding of what entrepreneurship as a competence is and identifies the knowledge, skills, and attitudes required for developing entrepreneurial competencies. EntreComp is designed to be applicable to various contexts, such as education, employment, and social inclusion.

# The EntreComp Framework is structured around three main areas:

#### **Ideas and Opportunities:**

Recognising and evaluating opportunities for creating value.

#### **Resources:**

Mobilising and managing resources to pursue opportunities.

#### Into Action:

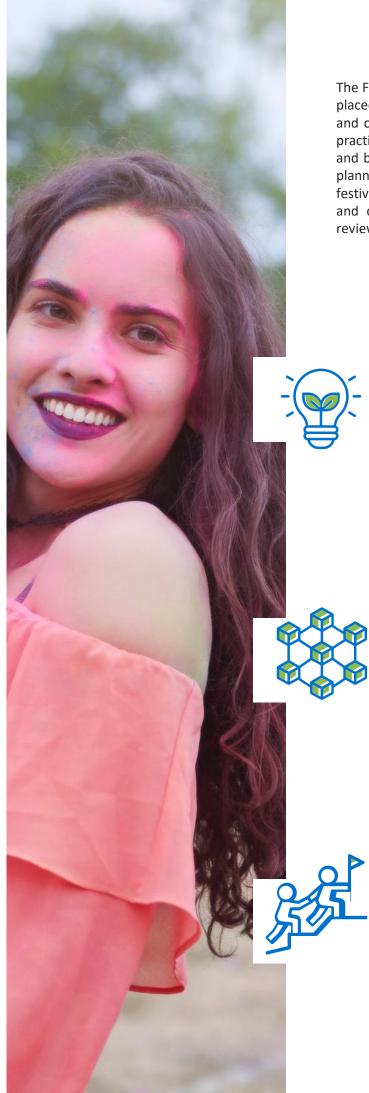
Transforming ideas into action by taking risks and learning from the process.

Within these three areas, the framework describes 15 competencies that individuals can develop to become more entrepreneurial. These competencies are expected to help people identify opportunities, innovate, manage resources, and turn ideas into action in various settings, including starting a business, being innovative within an existing organisation, or addressing social challenges. All are relevant in the context of enabling festivals to be more sustainable. Let's review each competence in detail:

#### THE 15 COMPETENCES OF ENTRECOMP:







The Future Festival Tools resources are relevant and well-placed to help educators teach and learners develop skills and competences related to EntreComp. They provide a practical context for fostering entrepreneurial thinking and behavior in real-world situations. By focusing on the planning, organisation, and execution of sustainable festivals or events, these tools align with the key areas and competencies of the EntreComp framework, let's review:

#### **Ideas and Opportunities:**

The Future Festival Tools encourage learners to recognise and evaluate opportunities for creating value through sustainable practices, innovative ideas, and community engagement in the context of events and festivals. This helps develop competencies like spotting opportunities, creativity, and vision.

#### **Resources:**

Planning a sustainable festival or event requires mobilising and managing resources efficiently. The Future Festival Tools encourage learners to allocate resources like time, money, and personnel effectively in the context of environmental and social impacts. This helps develop competencies like financial and economic literacy, mobilising resources, and coping with uncertainty, ambiguity, and risk.

#### **Into Action:**

The Future Festival Tools emphasise transforming ideas into action, ensuring that learners develop skills related to planning, managing, and evaluating sustainable events. This includes competencies like taking the initiative, working with others, and learning through experience.

# GREENCOMP

GreenComp is the European sustainability competence framework. It provides a common reference for defining sustainability competences, offering guidance to educators and learners alike. The framework is designed to support education and training programs for lifelong learning, catering to learners of all ages and education levels across formal, nonformal, and informal settings.

GreenComp is particularly applicable to Future Festival Tools in that all three resources (Self-Assessment Tool, the Green Festival Stories Guide and the E-Learning Course) help learners become systemic and critical thinkers, develop agency, and acquire the knowledge necessary to live, work, and act sustainably. By addressing the growing need for people and sectors to embrace sustainable practices, GreenComp contributes to a better understanding and adoption of sustainable living and working for the benefit of the planet's present and future state.

#### The 4 GREENCOMP Competences

1

#### **Embodying sustainability values:**

- Valuing sustainability
- Supporting fairness
- Promoting nature



# Embracing complexity in sustainability:

- Systems thinking
- Critical thinking
- Problem framing

3

#### **Envisioning sustainable futures:**

- Futures literacy
- Adaptability
- Exploratory thinking



#### **Acting for sustainability:**

- Political agency
- Collective action
- Individual initiative

The Future Festival Tools are well placed to help educators and learners develop skills and competences related to GreenComp:



Focus on sustainability: Future Festival Tools emphasise sustainable practices aligning with GreenComp's goal of fostering sustainability competences. By incorporating these tools into educational settings, learners can develop the skills and knowledge necessary to make sustainable choices in their personal and professional lives.



Holistic approach: On multiple levels, Future Festival Tools address multiple aspects of sustainability, including energy, materials, transportation, food, and water. This holistic approach aligns with GreenComp's aim to develop systemic thinkers who understand the interconnectedness of various sustainability issues.



**Practical application:** The Future Festival Tools are rich in practical examples and real-life scenarios that learners can relate to, allowing them to understand the importance and impact of sustainable practices in the context of events and festivals. This hands-on approach helps learners develop their sustainability competences and apply them in real-world situations.



Flexibility and adaptability: Future Festival Tools can be used across various educational settings, such as formal, non-formal, and informal learning environments. This versatility ensures that learners of all ages and backgrounds can access and benefit from the tools, supporting GreenComp's aim of providing lifelong learning opportunities.



**Encouraging collaboration and stakeholder engagement:** Many Future Festival Tools emphasise the importance of working with stakeholders, such as vendors and partners, to achieve sustainable outcomes. This aligns with GreenComp's goal of fostering collaboration and engagement to address sustainability challenges collectively.



**Continuous improvement:** Future Festival Tools champion the monitoring and evaluation of sustainability initiatives, helping learners understand the importance of continuous improvement and adaptation. This approach aligns with GreenComp's focus on developing learners who can critically evaluate and enhance their sustainability competences over time.



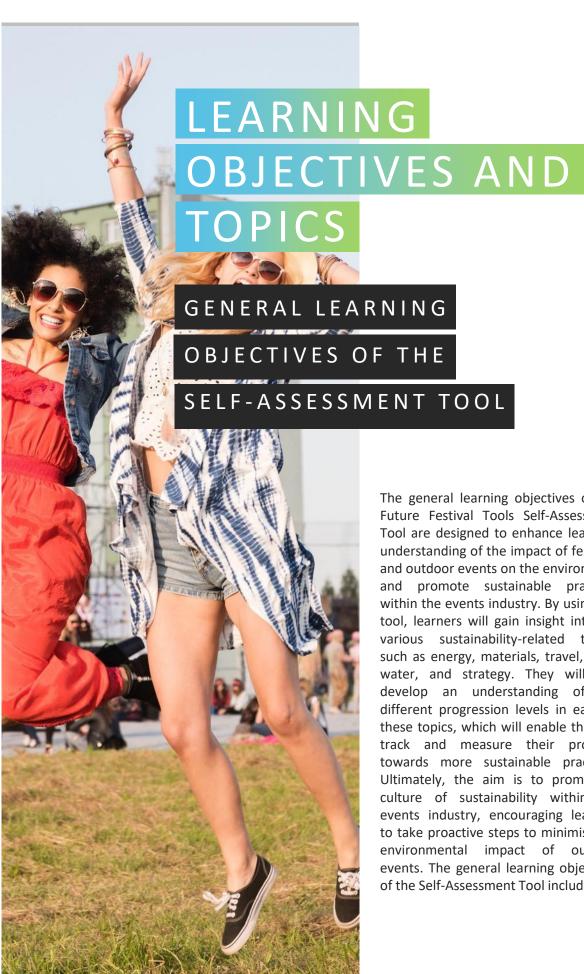
LEARNING OBJECTIVES AND TOPICS

LEARNER PROGRESSION LEVELS AND ASSESSMENT CRITERIA

KNOWLEDGE, SKILLS, AND ATTITUDES GAINED

KNOWLEDGE, SKILLS AND ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS





The general learning objectives of the Future Festival Tools Self-Assessment Tool are designed to enhance learners' understanding of the impact of festivals and outdoor events on the environment and promote sustainable practices within the events industry. By using this tool, learners will gain insight into the various sustainability-related topics, such as energy, materials, travel, food, water, and strategy. They will also develop an understanding of the different progression levels in each of these topics, which will enable them to track and measure their progress towards more sustainable practices. Ultimately, the aim is to promote a culture of sustainability within the events industry, encouraging learners to take proactive steps to minimise the environmental impact of outdoor events. The general learning objectives of the Self-Assessment Tool include:





### LEARNING OBJECTIVES BY TOPIC



#### **LEARNING OBJECTIVES:**

- Understand the importance of reducing energy use and emissions at events/festivals
- Develop skills and knowledge to manage energy consumption and reduce emissions
- Identify renewable energy solutions and their benefits

- Making Initial Progress: Identify areas of energy use and emissions at events/festivals, such as lighting and sound systems. Explore options for using more energy-efficient equipment.
- Well on the Way: Develop an energy management plan that includes targets for reducing energy use and emissions. Investigate the feasibility of using renewable energy sources, such as solar or wind power.
- Current Good Practice: Implement energy-saving measures, such as LED lighting and efficient generators. Conduct regular monitoring and reporting of energy consumption and emissions.
- Leading the Way: Implement renewable energy sources on a larger scale, such as a solar array or a wind turbine. Work with vendors and partners to encourage the use of low-emission transportation.



#### **LEARNING OBJECTIVES:**

- Understand the importance of reducing waste and promoting circular economy practices at events/festivals
- Develop skills and knowledge to manage waste and promote sustainability
- Identify opportunities for reducing waste and promoting sustainable materials

#### **EXAMPLES:**

- Making Initial Progress: Identify areas of waste generation at events/festivals, such as food waste and disposable products. Explore options for using more sustainable materials.
- Well on the Way: Develop a waste management plan that includes targets for reducing waste and promoting circular economy practices. Explore options for using more sustainable materials, such as biodegradable or compostable products.
- Current Good Practice: Implement waste reduction measures, such as composting and recycling programs. Encourage the use of reusable products, such as water bottles and utensils.
- Leading the Way: Implement a zero-waste policy, where all waste is diverted from landfills. Work with vendors and partners to encourage the use of sustainable materials and packaging.



#### **LEARNING OBJECTIVES:**

- Understand the impact of transportation on the environment and local communities
- Develop skills and knowledge to manage transportation and reduce emissions
- Identify opportunities for promoting sustainable transportation options

- Making Initial Progress: Identify transportation options used by staff, attendees, and vendors at events/festivals. Explore options for promoting sustainable transportation, such as public transit or carpooling.
- Well on the Way: Develop a transportation management plan that includes targets for reducing transportation emissions. Encourage attendees to use sustainable transportation options through communication and incentives.
- Current Good Practice: Implement sustainable transportation options, such as shuttle buses or bike parking. Encourage vendors to use sustainable transportation options, such as electric or hybrid vehicles.
- Leading the Way: Implement a transportation plan that prioritises sustainable options over single-occupancy vehicles. Work with local government and transportation providers to improve public transit options.

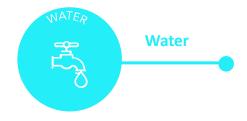


#### **LEARNING OBJECTIVES:**

- Understand the impact of food production and consumption on the environment and local communities
- Develop skills and knowledge to manage food waste and promote sustainable food practices
- Identify opportunities for promoting sustainable food options

#### **EXAMPLES:**

- Making Initial Progress: Identify food options available at events/festivals and their sources.
   Explore options for promoting sustainable food practices, such as using local and organic ingredients.
- Well on the Way: Develop a food management plan that includes targets for reducing food waste and promoting sustainable food practices. Encourage vendors to use sustainable food options through communication and incentives.
- Current Good Practice: Implement sustainable food options, such as vegetarian or vegan meals and composting programs. Educate attendees on the importance of sustainable food practices.
- Leading the Way: Implement a sustainable food policy that prioritises local and organic ingredients. Work with vendors and partners to promote sustainable food practices and reduce food waste.



#### **LEARNING OBJECTIVES:**

- Understand the importance of water conservation at events/festivals
- Develop skills and knowledge to manage water usage and reduce waste
- Identify strategies for reducing water usage and waste in event/festival planning

- Making Initial Progress: Identify areas of water usage and waste at events/festivals, such as catering and sanitation facilities. Explore options for reducing water usage and waste through responsible procurement practices.
- Well on the Way: Develop a water management plan that includes targets for reducing water usage and waste. Investigate the feasibility of using alternative water sources, such as rainwater harvesting or greywater reuse.
- Current Good Practice: Implement water-saving measures, such as low-flow fixtures and efficient irrigation systems. Conduct regular monitoring and reporting of water usage and waste.
- Leading the Way: Implement water reuse systems on a larger scale, such as a wastewater treatment plant or a greywater reuse system. Work with vendors and partners to encourage responsible water usage and waste reduction.

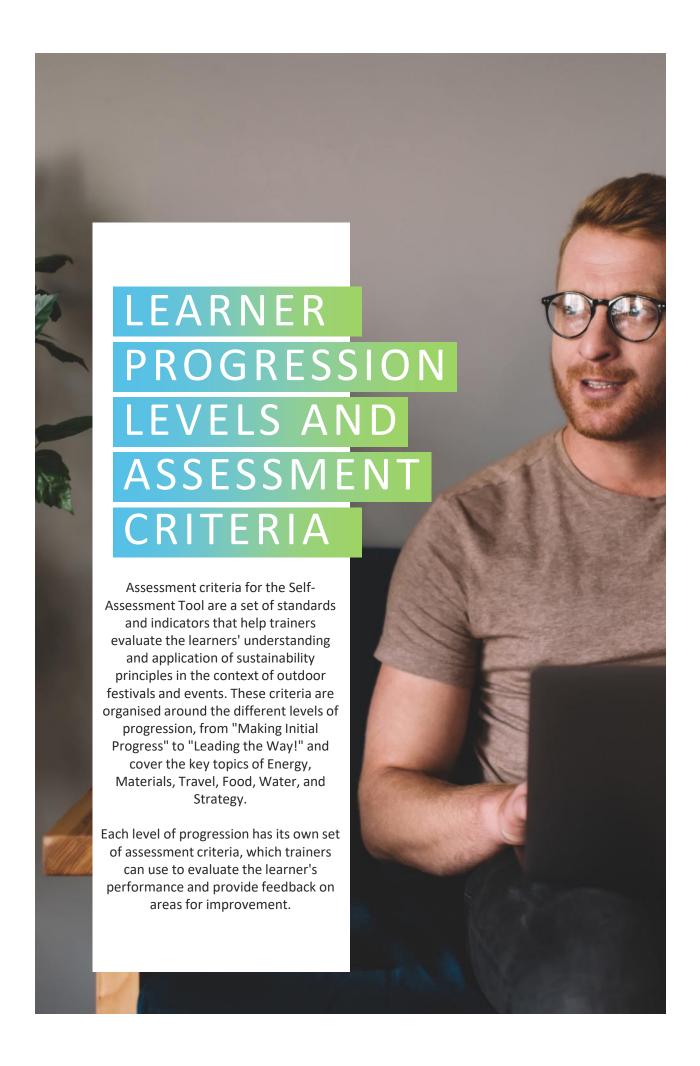




#### **LEARNING OBJECTIVES:**

- Understand the importance of having a sustainability strategy in event/festival planning
- Develop skills and knowledge to create a sustainability strategy and policy
- Identify ways to integrate sustainability into event/festival management

- Making Initial Progress: Explore the principles of sustainability and their relevance to event/festival planning. Identify key stakeholders and their role in developing a sustainability strategy.
- Well on the Way: Develop a sustainability strategy and policy that includes specific goals and targets for environmental and social sustainability. Establish a sustainability team or officer to oversee implementation and progress.
- Current Good Practice: Integrate sustainability into all aspects of event/festival management, from procurement to programming. Conduct regular reporting on sustainability progress and engage with stakeholders on sustainability initiatives.
- Leading the Way: Take a leadership role in promoting sustainability in the event/festival industry. Collaborate with other events/festivals and organisations to share best practices and develop sector-wide sustainability strategies.







#### **MAKING INITIAL PROGRESS:**

- The learner has identified areas of energy use and emissions at events/festivals, such as lighting and sound systems.
- The learner has explored options for using more energyefficient equipment.
- The learner has demonstrated an understanding of the importance of reducing energy use and emissions at events/festivals.

## WELL ON THE WAY:

- The learner has developed an energy management plan that includes targets for reducing energy use and emissions.
- The learner has investigated the feasibility of using renewable energy sources, such as solar or wind power.
- The learner has shown a good understanding of the benefits of using renewable energy solutions

#### **CURRENT GOOD PRACTICE:**

- The learner has implemented energy-saving measures, such as LED lighting and efficient generators.
- The learner has conducted regular monitoring and reporting of energy consumption and emissions.
- The learner has demonstrated a good understanding of the environmental and financial benefits of implementing energy-saving measures.

# LEADING THE WAY:

- The learner has implemented renewable energy sources on a larger scale, such as a solar array or a wind turbine.
- The learner has worked with vendors and partners to encourage the use of lowemission transportation.
- The learner has demonstrated a deep understanding of the social, environmental, and economic benefits of implementing renewable energy solutions at events/festivals







#### **MAKING INITIAL PROGRESS:**

- The learner has identified the types and sources of materials used at an event/festival and their potential environmental impacts.
- The learner has proposed options for reducing the environmental impact of material usage (e.g. reuse, recycling, composting).

## WELL ON THE WAY:

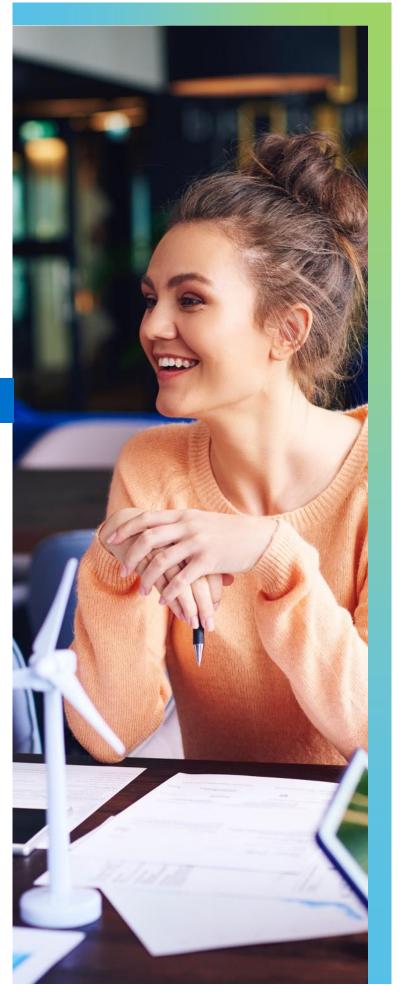
- The learner has developed and implemented a materials management plan that includes waste reduction targets and tracking systems.
- The learner has investigated and sourced materials with lower environmental impacts and assessed their feasibility and cost.

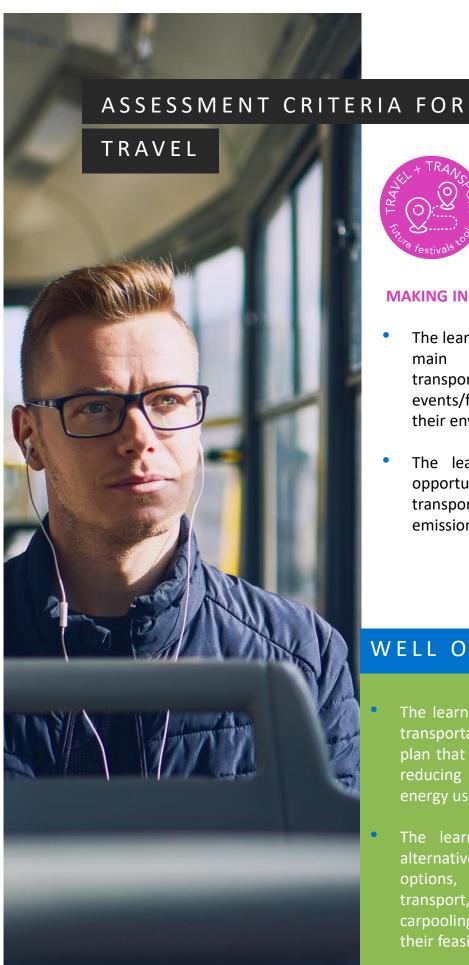
#### **CURRENT GOOD PRACTICE:**

- The learner has implemented a materials management plan that has reduced waste generation and increased the proportion of materials reused or recycled.
- The learner has identified and worked with suppliers and partners to reduce the environmental impact of materials used at the event/festival.

## LEADING THE WAY:

- The learner has implemented a comprehensive materials management plan that includes waste reduction, reuse and recycling targets, and has achieved high rates of waste diversion from landfill.
- The learner has collaborated with suppliers and partners to develop innovative materials sourcing and management solutions that minimise environmental impact and contribute to а circular economy.







#### **MAKING INITIAL PROGRESS:**

- The learner has identified the main modes of transportation used at events/festivals and assessed their environmental impacts.
- The learner has identified opportunities to reduce transportation-related emissions and energy use.

# WELL ON THE WAY:

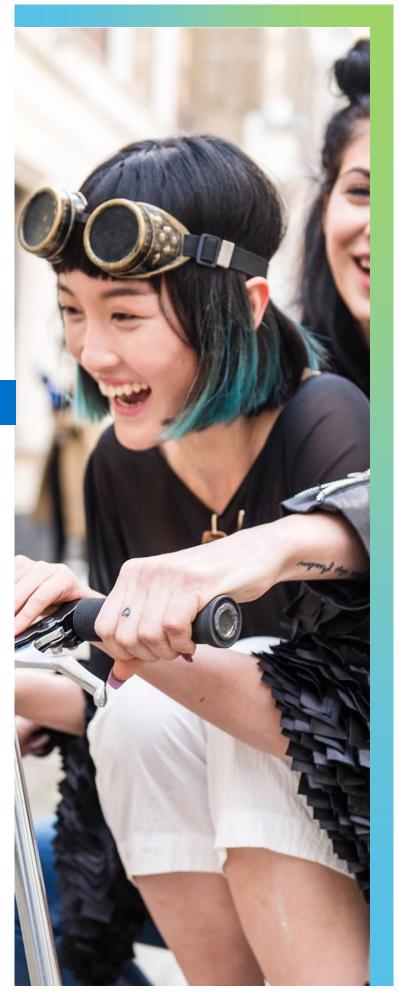
- The learner has developed a transportation management plan that includes targets for reducing emissions and energy use.
- The learner has identified alternative transportation options, such as public transport, cycling, or carpooling, and assessed their feasibility.

#### **CURRENT GOOD PRACTICE:**

- The learner has implemented measures to reduce transportation-related emissions and energy use, such as encouraging staff and attendees to use public transport or bike-sharing schemes.
- The learner has monitored and reported transportationrelated emissions and energy use.

# LEADING THE WAY:

- The learner has implemented low-carbon transportation options on a larger scale, such as shuttle buses powered by renewable energy sources.
- The learner has engaged with vendors and partners to encourage low-emission transportation options, such as electric or hybrid vehicles.







#### **MAKING INITIAL PROGRESS:**

- The learner can identify at least one food waste reduction strategy.
- The learner can explain the importance of locally sourced food and its environmental impact.
- The learner can describe at least one strategy to reduce the environmental impact of food transport.

## WELL ON THE WAY:

- The learner can implement a food waste reduction strategy.
- The learner can design a menu that incorporates locally sourced and sustainable ingredients.
- The learner can explain the benefits of reducing meat consumption in event catering.

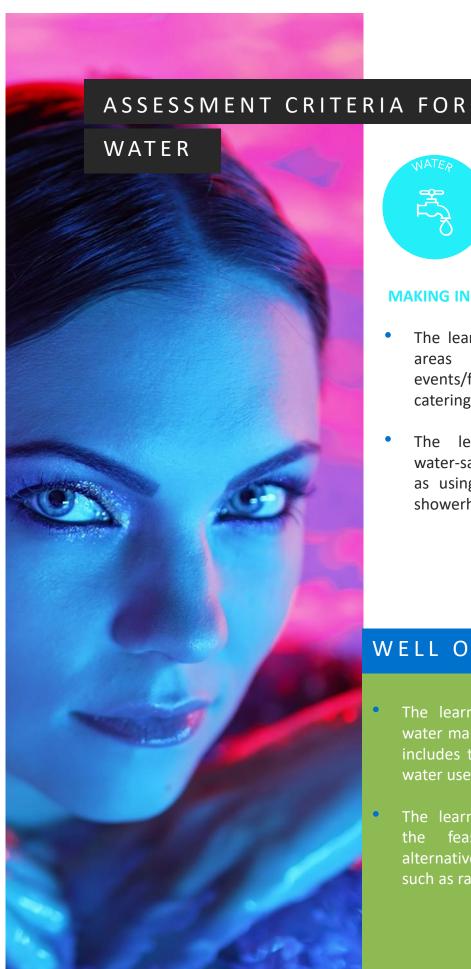
#### **CURRENT GOOD PRACTICE:**

- The learner can monitor and evaluate food waste reduction strategies and adapt them if necessary.
- The learner can demonstrate knowledge of sustainable packaging options for event catering.
- The learner can develop a sustainable food procurement policy.

# LEADING THE WAY:

- The learner can implement a zero-waste catering strategy.
- The learner can design a menu that is entirely plantbased and locally sourced.
- The learner can demonstrate knowledge of the concept of a circular food system and implement it in event catering.







#### **MAKING INITIAL PROGRESS:**

- The learner can identify key areas of water use at events/festivals, such as catering and cleaning.
- The learner can suggest water-saving measures, such as using low-flow taps and showerheads.

# WELL ON THE WAY:

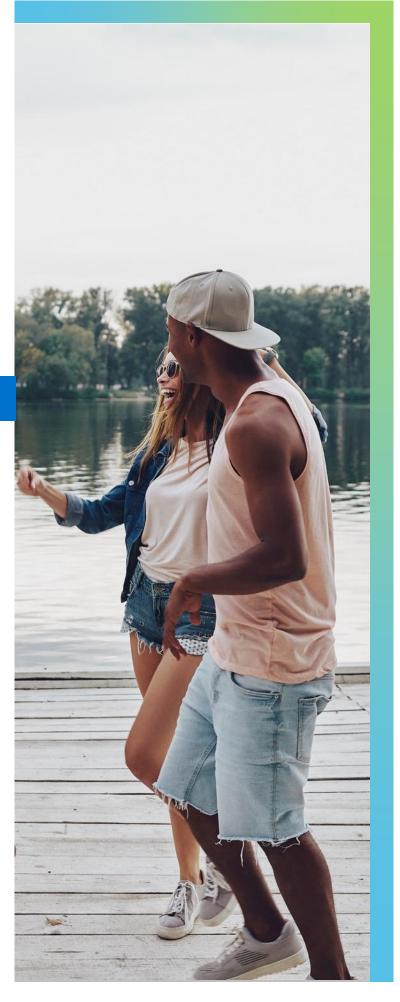
- The learner can develop a water management plan that includes targets for reducing water use and wastage.
- The learner can investigate the feasibility of using alternative water sources, such as rainwater harvesting.

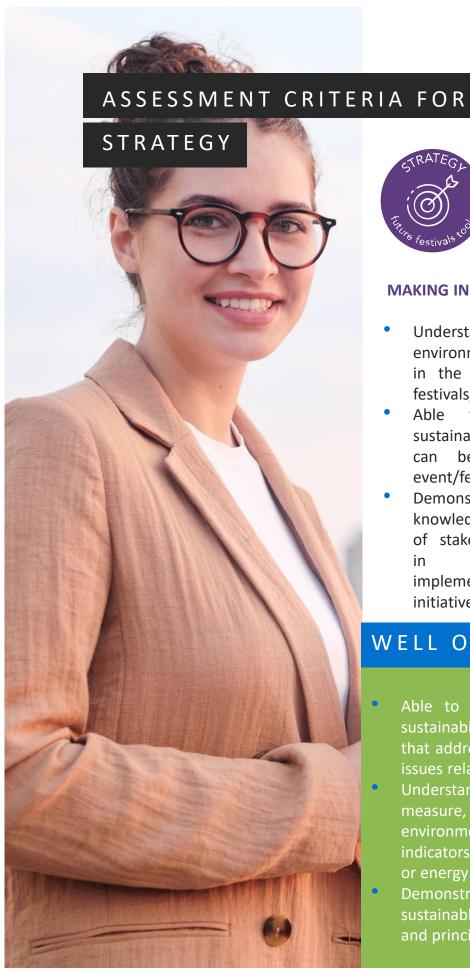
#### **CURRENT GOOD PRACTICE:**

- The learner can implement water-saving measures, such as using composting toilets and water-efficient equipment.
- The learner can conduct regular monitoring and reporting of water consumption and wastage.

# LEADING THE WAY:

- The learner can implement sustainable water management practices on a larger scale, such as a greywater recycling system.
- The learner can work with partners and suppliers to encourage the use of sustainable water practices and technologies, such as waterless urinals and rainwater harvesting systems.







#### **MAKING INITIAL PROGRESS:**

- Understands the concept of environmental sustainability in the context of outdoor festivals/events.
- Able to identify basic sustainability initiatives that can be implemented in event/festival planning.
- Demonstrates basic knowledge of the importance of stakeholder engagement in developing and implementing sustainability initiatives.

# WELL ON THE WAY:

- Able to create and implement a sustainability policy or action plan that addresses the key sustainability issues related to the event/festival.
- Understands how to identify, measure, and report on environmental performance indicators, such as waste reduction or energy consumption.
- Demonstrates knowledge of sustainable procurement practices and principles.

#### **CURRENT GOOD PRACTICE:**

- Can critically evaluate the effectiveness of the sustainability policy or action plan and identify areas for improvement.
- Understands how to use data and feedback to make informed decisions about sustainability initiatives.
- Demonstrates ability to engage with and influence stakeholders on sustainability issues.

# LEADING THE WAY:

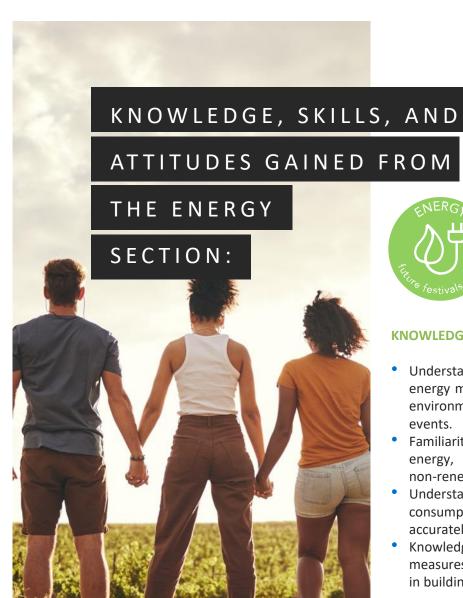
- Demonstrates a strategic approach to sustainability, incorporating principles such as the circular economy or systems thinking.
- Can lead the development and implementation of innovative and impactful sustainability initiatives.
- Understands the role of outdoor festivals/events in broader societal and environmental contexts and can contribute to strategic planning and decision-making.





# KNOWLEDGE, SKILLS, AND ATTITUDES GAINED

The specific knowledge gained through the Self-Assessment Tool includes an understanding of the six key themes of environmental practice at festivals and events and how to identify areas for improvement in each area. The skills gained include the ability to complete the self-assessment, analyse the results, and prioritise actions. The attitudes gained include a commitment to environmental sustainability and an understanding of the importance of taking action to reduce the impact of events on the environment.





#### **KNOWLEDGE:**

- Understanding of the importance of energy management in reducing the environmental impact of outdoor events.
- Familiarity with different sources of energy, including renewable and non-renewable sources.
- Understanding of energy consumption and how to measure it accurately.
- Knowledge of energy-efficient measures that can be implemented in buildings and transportation.

#### **ATTITUDES:**

- Commitment to reducing the environmental impact of outdoor events through sustainable energy management.
- Willingness to prioritise energy management and invest resources in this area.
- Openness to new ideas technologies in sustainable energy management.
- Awareness of the impact of personal behavior on energy consumption and willingness to encourage energysaving behaviors among event staff and attendees.

- Ability to conduct an energy audit to identify areas for improvement.
- Ability to analyse energy data and identify trends.
- Ability to implement energy-efficient buildings measures in and transportation.
- Ability to develop and implement an energy management plan.
- Ability to identify opportunities to invest in renewable energy sources.





#### **ATTITUDES:**

- Commitment to reducing the environmental impact of outdoor events through sustainable waste management.
- Willingness to prioritise reduction and invest resources in this area. Openness to new ideas and technologies in sustainable waste management.
- Awareness of the impact of personal behavior on waste generation and willingness to encourage waste reduction behaviors among event staff and attendees.



#### **KNOWLEDGE:**

- Understanding of the importance of waste management in reducing the environmental impact of outdoor events.
- Familiarity with different types of waste generated at events and how to categorise them (e.g. food waste, recyclables, hasardous waste).
- Knowledge of waste reduction strategies, including reducing waste at the source, reuse, recycling, and composting. Understanding of waste regulations and best practices for disposal.

- Ability to conduct a waste audit to identify areas for improvement and measure waste generation. Ability to analyse waste data and identify trends.
- Ability to implement waste reduction strategies, including reducing waste at the source, reuse, recycling, and composting.
- Ability to develop and implement a waste management plan. Ability to work with vendors, suppliers, and contractors reduce waste generation and improve waste management.





**KNOWLEDGE:** 

Understanding of the environmental food impact of production, transportation, and waste at outdoor events.

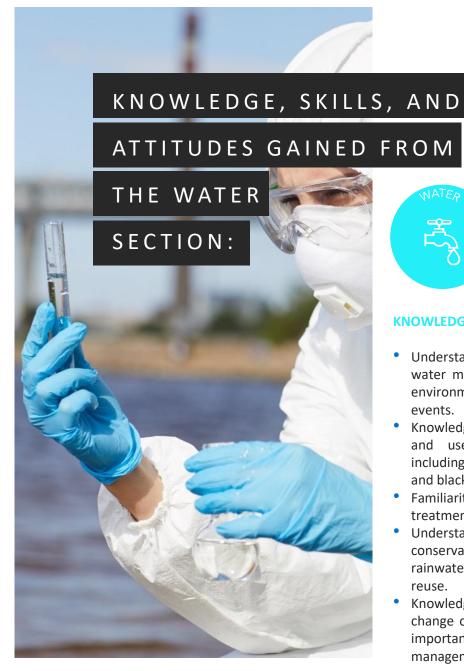
Food

- Familiarity with sustainable food sourcing and waste reduction practices.
- Knowledge of local and seasonal food availability and its impact on the environment.
- Understanding of the benefits of plant-based diets and reducing meat consumption.
- Knowledge of food safety regulations and best practices for outdoor events.

#### **ATTITUDES:**

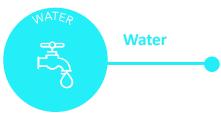
- Commitment to reducing the environmental impact of food at outdoor events through sustainable sourcing and waste reduction practices.
- Willingness to prioritise sustainable food sourcing and waste reduction and invest resources in this area.
- Openness to new ideas and technologies in sustainable food practices.
- Awareness of the impact of personal food choices on the environment and willingness promote to sustainable options among event staff and attendees.

- Ability to source sustainable food options for outdoor events, including local and seasonal options.
- Ability to reduce food waste through portion control, composting, donation and programs.
- Ability to promote plant-based options and reduce meat consumption at outdoor events.
- Ability to ensure food safety and compliance with regulations at outdoor events.





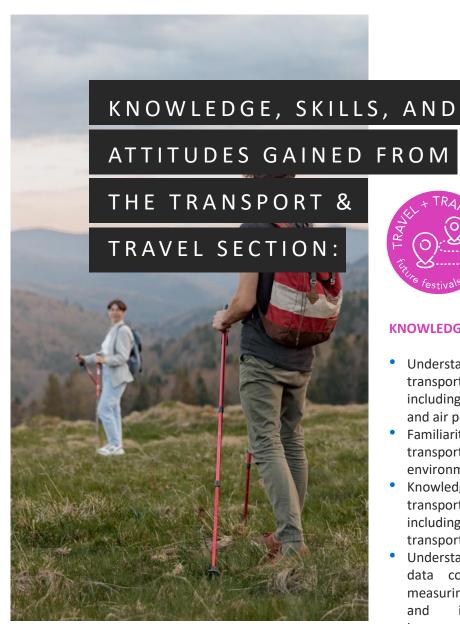
- Commitment to reducing environmental impact of outdoor events through sustainable water management.
- Willingness to prioritise water management and invest resources in this area.
- Openness to new ideas and technologies in sustainable water management.
- Awareness of the impact of personal behavior on water consumption and willingness to encourage watersaving behaviors among event staff and attendees.



#### **KNOWLEDGE:**

- Understanding of the importance of water management in reducing the environmental impact of outdoor events.
- Knowledge of the different sources and uses of water at events, including drinking water, greywater, and blackwater.
- Familiarity with different water treatment and filtration systems.
- Understanding of water conservation strategies, including rainwater harvesting and greywater
  - Knowledge of the impacts of climate change on water resources and the importance of adapting water management practices.

- Ability to conduct a water audit to identify areas for improvement.
- Ability to analyse water data and identify trends.
- Ability to implement waterefficient measures, such as lowflow fixtures and water-efficient landscaping
- Ability to develop and implement a water management plan.
- Ability to design and implement water treatment and filtration systems.





#### **KNOWLEDGE:**

- Understanding of the impact of transportation on the environment, including greenhouse gas emissions and air pollution.
- Familiarity with different modes of transportation and their environmental impacts.
- Knowledge of sustainable transportation options and practices, including carpooling, public transportation, cycling, and walking.
- Understanding of the importance of data collection and analysis in measuring transportation impacts and identifying areas for improvement.

#### **ATTITUDES:**

- Commitment to reducing the environmental impact of outdoor events through sustainable transportation practices.
- Willingness to prioritise sustainable transportation and invest resources in this area.
- Openness to ideas new and technologies in sustainable transportation management.
- Awareness of the impact of personal behavior on transportation emissions and willingness encourage sustainable transportation behavior among event staff and attendees.

#### **SKILLS:**

- Ability to collect and analyse transportation data to identify trends and areas for improvement.
- Ability to develop and implement a sustainable transportation including encouraging the use of sustainable transportation options and incentivising behavior change.
- Ability collaborate with transportation providers and stakeholders to implement sustainable transportation solutions.
- Ability to design and communicate clear information on sustainable transportation options to event attendees and staff.





- Commitment to taking action to reduce the environmental impact of outdoor events.
- Willingness to invest time, resources, and effort in sustainable practices.
- Openness to new ideas and technologies in sustainable event management.
- Willingness to share experiences and collaborate with other event organisers and sustainability professionals.



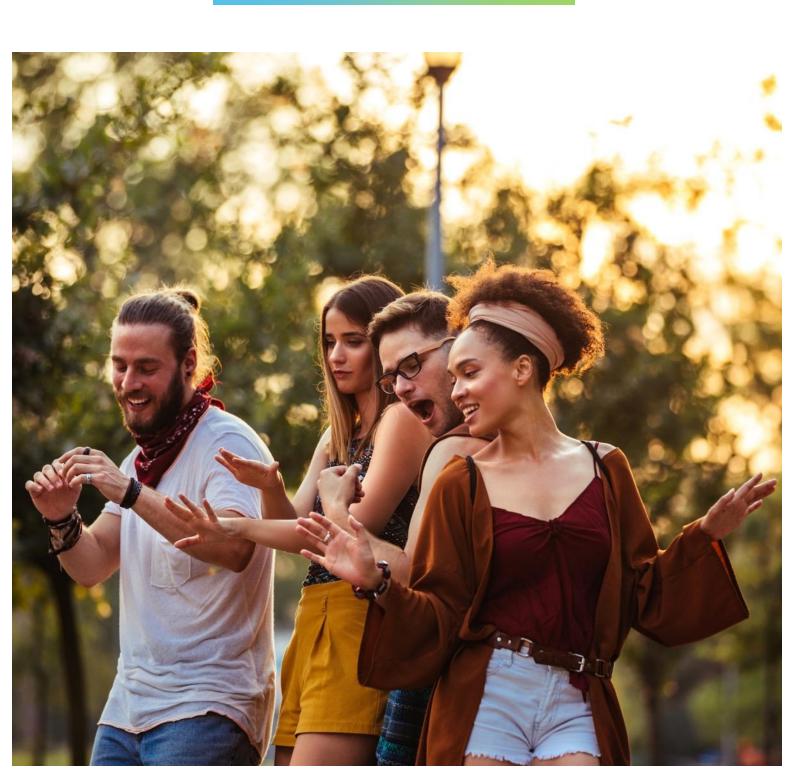
#### **KNOWLEDGE:**

- Understanding of the importance of developing а comprehensive environmental policy and action plan to reduce the environmental impact of outdoor events.
- Familiarity with different types sustainable certifications and award schemes for outdoor events.
- Understanding of the importance of leadership commitment to sustainable practices and the role of a dedicated in overseeing person or team environmental management.
- Knowledge of effective strategies for monitoring and reporting on progress in environmental management.
- Understanding of the importance of networking and sharing experiences with other event organisers and sustainability professionals.

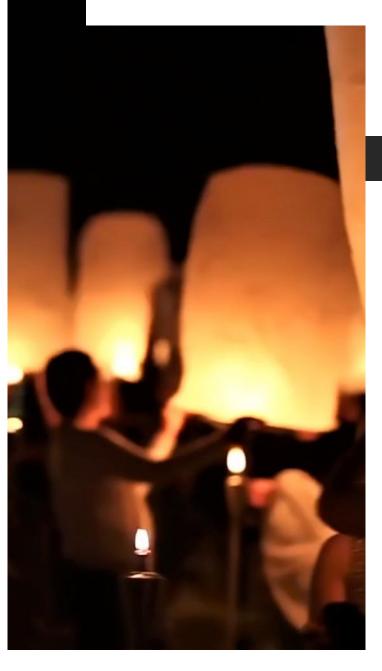
#### **SKILLS:**

- Ability to develop a comprehensive environmental policy and action plan.
- Ability to set ambitious targets for environmental performance and monitor progress.
- Ability to establish partnerships and collaborations with other organisations and stakeholders to advance sustainability
- Ability to use effective communication strategies to engage stakeholders and promote sustainable practices.
- conduct Ability comprehensive environmental audits and use the results to inform future sustainability planning.

# ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS



# KNOWLEDGE, SKILLS, AND ATTITUDES GAINED FROM THE ENERGY SECTION THAT ARE LINKED TO THE COMPETENCES FROM GREENCOMP, AND ENTRECOMP:





#### GREENCOMP:

#### **EMBODYING SUSTAINABILITY VALUES:**

- Knowledge: Understanding the importance of sustainability in outdoor festivals and events, including valuing sustainability, supporting fairness, and promoting nature.
- Skills: Being able to prioritise sustainability principles in the planning and implementation of sustainable energy practices.
- Attitudes: Being committed to the principles of sustainability and to reducing the environmental impact of outdoor festivals and events through sustainable energy practices.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY:**

- Knowledge: Understanding the importance of systems thinking in sustainable energy management in outdoor festivals and events.
- Skills: Being able to conduct an energy audit and analyse energy data to identify areas for improvement and implement sustainable energy practices.
- Attitudes: Being open to new ideas and approaches to sustainable energy management in outdoor festivals and events.

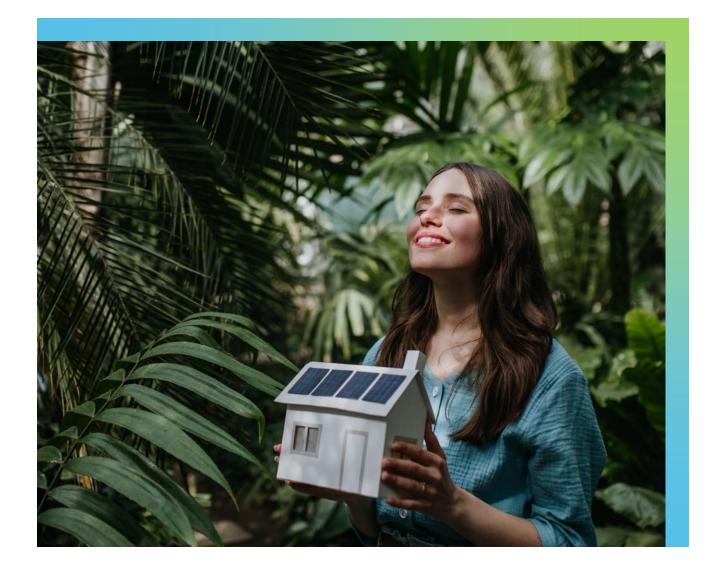
#### **ENVISIONING SUSTAINABLE FUTURES:**

- Knowledge: Understanding the opportunities and benefits of investing in renewable energy sources for outdoor festivals and events.
- Skills: Being able to identify and evaluate different renewable energy sources and develop a plan for their implementation.

 Attitudes: Being adaptable and open-minded to exploring and implementing new technologies and approaches to sustainable energy management in outdoor festivals and events.

#### **ACTING FOR SUSTAINABILITY:**

- Knowledge: Understanding the impact of personal behavior on energy consumption and the importance of encouraging energysaving behaviors among event staff and attendees.
- Skills: Being able to develop and implement a comprehensive energy management plan for outdoor festivals and events.
- Attitudes: Being committed to collective action and individual initiative in achieving sustainable energy practices in outdoor festivals and events.



#### ENTRECOMP:

## SPOTTING OPPORTUNITIES: IDENTIFYING OPPORTUNITIES TO INVEST IN RENEWABLE ENERGY SOURCES.

 Knowledge: Understanding the importance of renewable energy sources in reducing environmental impact.

CREATIVITY: DEVELOPING AND IMPLEMENTING AN ENERGY MANAGEMENT PLAN.

• **Skills:** The ability to create and execute a plan to manage energy.

VISION: IDENTIFYING OPPORTUNITIES TO INVEST IN RENEWABLE ENERGY SOURCES.

• **Knowledge:** Understanding the benefits of renewable energy sources.

VALUING IDEAS: RECOGNISING THE IMPORTANCE OF ENERGY MANAGEMENT IN REDUCING ENVIRONMENTAL IMPACT.

• Attitudes: A positive attitude towards sustainable energy management.

ETHICAL AND SUSTAINABLE THINKING: COMMITMENT TO REDUCING ENVIRONMENTAL IMPACT THROUGH SUSTAINABLE ENERGY MANAGEMENT.

 Attitudes: A sense of responsibility towards the environment. SELF-AWARENESS AND SELF-EFFICACY: PRIORITISING ENERGY MANAGEMENT AND INVESTING RESOURCES IN THIS AREA.

 Skills: The ability to allocate resources to energy management.

MOTIVATION AND PERSEVERANCE: WILLINGNESS TO PRIORITISE ENERGY MANAGEMENT AND INVEST RESOURCES IN THIS AREA.

 Attitudes: A positive attitude towards sustainable energy management.

MOBILISING RESOURCES: IDENTIFYING OPPORTUNITIES TO INVEST IN RENEWABLE ENERGY SOURCES.

Knowledge: Understanding different options for renewable energy sources.

FINANCIAL AND ECONOMIC LITERACY: IDENTIFYING OPPORTUNITIES TO INVEST IN RENEWABLE ENERGY SOURCES.

 Knowledge: Understanding the financial and economic benefits of renewable energy sources.

MOBILISING OTHERS: ENCOURAGING ENERGY-SAVING BEHAVIORS AMONG EVENT STAFF AND ATTENDEES.

 Skills: The ability to effectively communicate and encourage energysaving behaviors. BUILDING AND MANAGING RELATIONSHIPS: ENCOURAGING ENERGY-SAVING BEHAVIORS AMONG EVENT STAFF AND ATTENDEES.

 Skills: The ability to build positive relationships and effectively communicate.

TAKING THE INITIATIVE: DEVELOPING AND IMPLEMENTING AN ENERGY MANAGEMENT PLAN.

• Skills: The ability to create and execute a plan to manage energy.

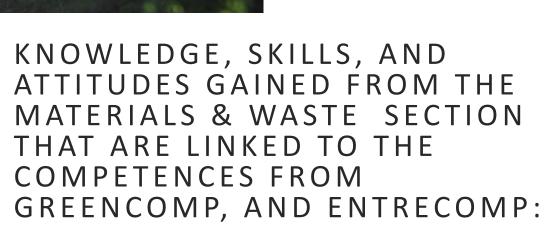
LEARNING THROUGH EXPERIENCE: IDENTIFYING AREAS FOR IMPROVEMENT THROUGH CONDUCTING AN ENERGY AUDIT.

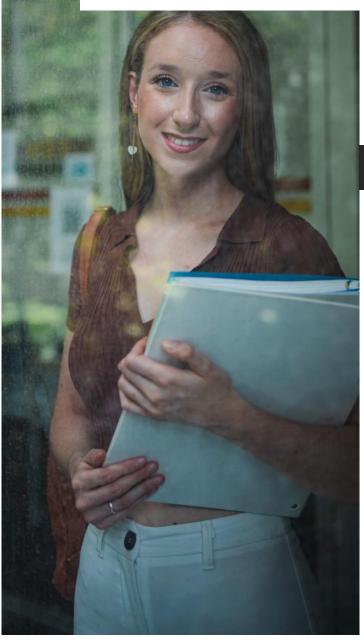
 Skills: The ability to evaluate energy consumption and identify areas for improvement.

ADAPTABILITY AND COPING WITH UNCERTAINTY: OPENNESS TO NEW IDEAS AND TECHNOLOGIES IN SUSTAINABLE ENERGY MANAGEMENT.

- Attitudes: Willingness to explore new and innovative solutions.
- Planning and management:
   Developing and implementing an energy management plan.
- Skills: The ability to create and execute a plan to manage energy.









#### GREENCOMP:

#### **EMBODYING SUSTAINABILITY VALUES:**

- Knowledge: Understanding the importance of waste management in reducing the environmental impact of outdoor events.
- Attitudes: Valuing sustainability is linked to willingness to prioritise waste reduction and invest resources in this area. Supporting fairness and promoting nature are linked to willingness to prioritise waste reduction.

### EMBRACING COMPLEXITY IN SUSTAINABILITY:

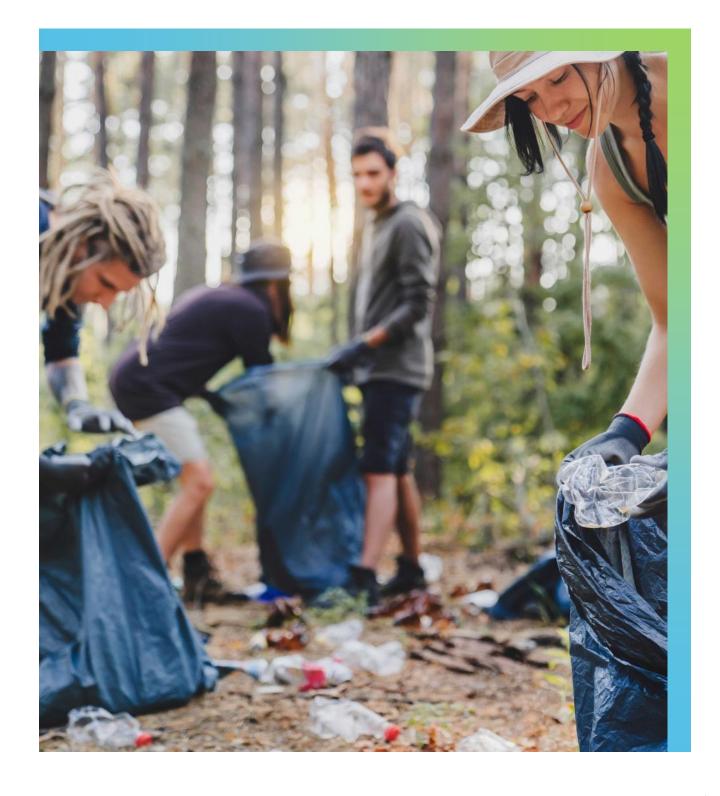
 Skills: Systems thinking is linked to the ability to conduct a waste audit to identify areas for improvement. Critical thinking and problem framing are linked to the ability to analyse waste data and identify trends.

#### **ENVISIONING SUSTAINABLE FUTURES:**

- Skills: Futures literacy is linked to the ability to work with vendors, suppliers, and contractors to reduce waste generation and improve waste management.
- Attitudes: Adaptability and exploratory thinking are linked to openness to new ideas and technologies in sustainable waste management.

#### **ACTING FOR SUSTAINABILITY:**

Skills: Political agency is linked to the ability to develop and implement a waste management plan. Collective action and individual initiative are linked to awareness of the impact of personal behavior on waste generation and willingness to encourage waste reduction behaviors among event staff and attendees.



#### ENTRECOMP:

#### **SPOTTING OPPORTUNITIES:**

- Knowledge: Understanding the environmental impact of waste generation and the opportunities to reduce waste in outdoor events. Awareness of waste management best practices and regulations.
- Skills: The ability to identify and evaluate waste reduction opportunities, such as reducing waste at the source, reusing, recycling, and composting. The ability to implement waste reduction strategies.
- Attitudes: A positive attitude towards waste reduction and a commitment to reducing the environmental impact of outdoor events through sustainable waste management.

#### **CREATIVITY:**

- Knowledge: Understanding the importance of creativity in developing effective waste reduction strategies. Awareness of the diverse approaches to waste reduction in outdoor events.
- Skills: The ability to generate innovative and effective ideas for waste reduction. The ability to develop and implement a waste management plan that includes creative waste reduction strategies.
- Attitudes: A willingness to think creatively and embrace new ideas and approaches to waste reduction.

#### **VISION:**

- Knowledge: Understanding the importance of having a clear vision for waste reduction in outdoor events. Awareness of the challenges and opportunities of sustainable waste management.
- Skills: The ability to identify opportunities for waste reduction and develop a vision for sustainable waste management in outdoor events. The ability to communicate the vision effectively to stakeholders.
- Attitudes: A sense of responsibility towards the environment and a commitment to achieving long-term success in waste reduction.

#### **VALUING IDEAS:**

- Knowledge: Understanding the importance of valuing diverse perspectives and ideas in waste reduction. Awareness of the benefits of engaging stakeholders in waste reduction efforts.
- Skills: The ability to evaluate and incorporate diverse ideas and perspectives into waste reduction strategies. The ability to communicate waste reduction strategies effectively to stakeholders.
- Attitudes: An appreciation of the value of diverse perspectives and a willingness to collaborate with stakeholders in waste reduction efforts.

#### **ETHICAL AND SUSTAINABLE THINKING:**

- Knowledge: Understanding the importance of ethical and sustainable thinking in waste reduction. Awareness of the social, environmental, and economic impacts of waste generation.
- Skills: The ability to develop waste reduction strategies that are socially, environmentally, and economically sustainable. The ability to implement waste reduction strategies that prioritise ethical considerations.
- Attitudes: A commitment to ethical and sustainable waste reduction and a sense of responsibility towards the environment and the community impacted by outdoor events.

#### **SELF-AWARENESS AND SELF-EFFICACY:**

- Knowledge: Understanding the importance of self-awareness and self-efficacy in waste reduction. Awareness of personal strengths and weaknesses in waste reduction.
- Skills: The ability to identify personal strengths and weaknesses in waste reduction and to develop strategies to improve waste reduction skills.
- Attitudes: A willingness to reflect on personal waste reduction efforts and a sense of self-efficacy in waste reduction.

#### **MOTIVATION AND PERSEVERANCE:**

 Knowledge: Understanding the importance of motivation and perseverance in waste reduction. Awareness of the challenges and benefits of sustainable waste management.

- Skills: The ability to stay motivated and persevere in waste reduction efforts. The ability to overcome obstacles and challenges in waste reduction.
- Attitudes: A commitment to waste reduction and a willingness to stay motivated and persevere in waste reduction efforts.

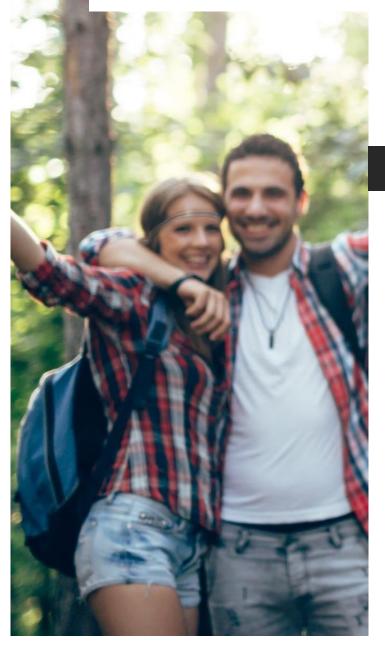
#### **MOBILISING RESOURCES:**

- Knowledge: Understanding the importance of mobilising resources for waste reduction. Awareness of the resources needed for effective waste reduction in outdoor events.
- Skills: The ability to identify and mobilise resources for waste reduction efforts, such as funding, materials, and human resources. The ability to work with vendors, suppliers, and contractors to reduce waste generation and improve waste management.
- Attitudes: A willingness to collaborate and build partnerships to mobilise resources for waste reduction.

#### **FINANCIAL AND ECONOMIC LITERACY:**

- Knowledge: Understanding the importance of financial and economic literacy in waste reduction. Awareness of the costs and benefits of sustainable waste management.
- Skills: The ability to identify costeffective waste reduction strategies. The ability to evaluate the economic impacts of waste reduction efforts.
- Attitudes: A commitment to sustainable waste management and a willingness to invest in waste

KNOWLEDGE, SKILLS, AND ATTITUDES GAINED FROM THE FOOD SECTION THAT ARE LINKED TO THE COMPETENCES FROM GREENCOMP, AND ENTRECOMP:





#### GREENCOMP:

#### **EMBODYING SUSTAINABILITY VALUES:**

- Knowledge: Understanding the environmental impact of food production, transportation, and waste at outdoor events. Awareness of the importance of sourcing sustainable food options, reducing food waste through composting and donation programs, and promoting fairness and nature through sustainable practices.
- Skills: The ability to analyse food and waste data and identify areas for improvement. The ability to source and implement sustainable food options and waste reduction strategies. The ability to plan and implement composting and donation programs.
- Attitudes: A positive attitude towards sustainable food practices and a commitment to reducing the environmental impact of outdoor events through sustainable practices.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY:**

- Knowledge: Understanding the impact of food production and waste on the environment, the challenges and opportunities of sustainable food practices, and the importance of food safety and compliance with regulations at outdoor events.
- Skills: The ability to conduct a food and waste audit to identify areas for improvement. The ability to analyse food and waste data and identify trends. The ability to develop and implement sustainable food and waste reduction solutions.
- Attitudes: A willingness to explore and adopt new and innovative sustainable food practices.

#### **ENVISIONING SUSTAINABLE FUTURES:**

 Knowledge: Understanding the potential benefits and opportunities of sustainable food practices in achieving long-term success in event management. Awareness of emerging technologies and practices in sustainable food production and waste reduction.

- **Skills:** The ability to work with vendors, suppliers, and contractors to source sustainable food options and reduce food waste. The ability to identify opportunities to invest in sustainable food practices and technologies.
- Attitudes: An appreciation of the role of sustainable food practices in reducing the environmental impact of outdoor events.

#### **ACTING FOR SUSTAINABILITY:**

- Knowledge: Understanding the importance of sustainable food practices in reducing the environmental impact of outdoor events. Knowledge of different approaches and solutions to sustainable food challenges faced by event organisers.
- Skills: The ability to develop and implement a sustainable food plan. The ability to communicate sustainable food practices effectively to stakeholders in the event industry.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. An appreciation of the impact of personal food choices on the environment and a willingness to encourage sustainable food behaviors among event staff and attendees.



#### ENTRECOMP:

#### **SPOTTING OPPORTUNITIES:**

- Knowledge: Understanding the environmental impact of food production and consumption, and the benefits of sustainable sourcing and waste reduction practices for outdoor events.
- Skills: The ability to research and identify sustainable food options, including local and seasonal options, and the ability to promote plant-based options and reduce meat consumption at outdoor events.
- Attitudes: A positive attitude towards sustainable food practices and a commitment to reducing the environmental impact of food at outdoor events.

#### **CREATIVITY:**

- Knowledge: Understanding the role of creativity in promoting sustainable food practices and reducing waste at outdoor events.
- Skills: The ability to develop and implement innovative sustainable food sourcing and waste reduction practices.
- Attitudes: A willingness to explore new and innovative sustainable food practices.

#### **VISION:**

 Knowledge: Understanding the potential benefits of sustainable food sourcing and waste reduction practices for outdoor events.

- Skills: The ability to envision and plan for sustainable food practices in event management.
- Attitudes: An appreciation of the importance of sustainable food practices in achieving long-term success in event management.

#### **VALUING IDEAS:**

- Knowledge: Understanding the importance of sustainable food practices in reducing the environmental impact of outdoor events.
- Skills: The ability to evaluate and implement sustainable food sourcing and waste reduction ideas and practices.
- Attitudes: A sense of responsibility towards the environment and a commitment to promoting sustainable food practices at outdoor events.

#### **ETHICAL AND SUSTAINABLE THINKING:**

- Knowledge: Understanding the ethical and environmental implications of food sourcing and waste reduction practices at outdoor events.
- Skills: The ability to analyse and evaluate the impact of food sourcing and waste reduction practices on the environment and society.
- Attitudes: A commitment to ethical and sustainable food practices at outdoor events.

#### **SELF-AWARENESS AND SELF-EFFICACY:**

- Knowledge: Understanding the impact of personal food choices on the environment and society.
- Skills: The ability to prioritise sustainable food sourcing and waste reduction and invest resources in this area.
- Attitudes: A sense of personal responsibility towards the environment and a willingness to take action to promote sustainable food practices.

#### **MOTIVATION AND PERSEVERANCE:**

- Knowledge: Understanding the potential benefits of sustainable food practices for outdoor events.
- Skills: The ability to prioritise and invest resources in sustainable food sourcing and waste reduction practices.
- Attitudes: A commitment to promoting sustainable food practices at outdoor events and a willingness to persevere in the face of challenges.

#### **MOBILISING RESOURCES:**

- Knowledge: Understanding the potential benefits of sustainable food sourcing and waste reduction practices for outdoor events.
- Skills: The ability to work with vendors, suppliers, and contractors to source sustainable food options and reduce waste
- Attitudes: A commitment to promoting sustainable food practices and reducing waste at outdoor events.

#### FINANCIAL AND ECONOMIC LITERACY:

 Knowledge: Understanding the economic and financial implications of sustainable food sourcing and waste reduction practices.

- Skills: The ability to identify costeffective sustainable food sourcing and waste reduction practices.
- Attitudes: A commitment to promoting sustainable food practices and reducing waste at outdoor events while managing costs effectively.

#### **MOBILISING OTHERS:**

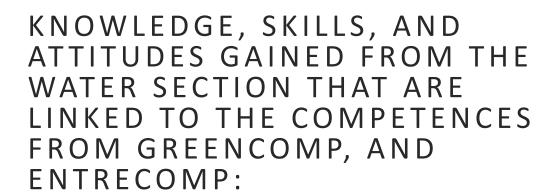
- Knowledge: Understanding the potential benefits of sustainable food sourcing and waste reduction practices for outdoor events.
- Skills: The ability to communicate and encourage sustainable food practices among event staff and attendees.
- Attitudes: A commitment to promoting sustainable food practices and reducing waste at outdoor events and a willingness to lead by example.

### BUILDING AND MANAGING RELATIONSHIPS:

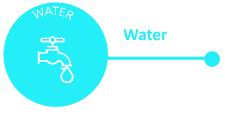
- Knowledge: Understanding the importance of collaboration and partnership in promoting sustainable food practices and reducing waste at outdoor events.
- Skills: The ability to build and manage relationships with vendors, suppliers, and other stakeholders to promote sustainable food practices.
- Attitudes: A willingness to work collaboratively with others to promote sustainable food practices and reduce waste at outdoor events.

#### TAKING THE INITIATIVE:

 Knowledge: Understanding the potential benefits of sustainable food sourcing and waste reduction practices for outdoor events.







#### GREENCOMP:

#### **EMBODYING SUSTAINABILITY VALUES:**

- Knowledge: Understanding the importance of water management in reducing the environmental impact of outdoor events. Awareness of the diverse water management options available and the challenges and benefits of each.
- Skills: The ability to conduct a water audit and identify areas for improvement. The ability to plan and implement sustainable water management solutions.
- Attitudes: A positive attitude towards sustainable water management practices and a commitment to reducing the environmental impact of outdoor events through sustainable water management.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY:**

- Knowledge: Understanding the impact of water usage on the environment and the challenges and opportunities of sustainable water management practices.
- Skills: The ability to analyse water data and identify trends. The ability to develop and implement sustainable water management solutions.
- Attitudes: A willingness to explore new and innovative sustainable water management solutions.

#### **ENVISIONING SUSTAINABLE FUTURES:**

- Knowledge: Understanding the potential benefits and opportunities of sustainable water management practices.
- Skills: The ability to design and implement water treatment and filtration systems. The ability to work with vendors, suppliers, and contractors to reduce water consumption and improve water management.
- Attitudes: An appreciation of the role of sustainable water management in achieving long-term success in event management.

#### **ACTING FOR SUSTAINABILITY:**

- **Knowledge:** Understanding the importance of sustainable water management practices in reducing the environmental impact of outdoor events. Knowledge of different approaches and solutions to sustainable water management challenges faced by event organisers.
- Skills: The ability to develop and implement a sustainable water management plan. The ability to communicate sustainable water management practices effectively to stakeholders in the event industry.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. An appreciation of the impact of personal behavior on water consumption and a willingness to encourage water-saving behaviors among event staff and attendees.



#### ENTRECOMP:

#### **SPOTTING OPPORTUNITIES:**

- Knowledge: Understanding the importance of water management in reducing the environmental impact of outdoor events. Awareness of the diverse water sources available and the challenges and benefits of each.
- Skills: The ability to analyse water needs and identify opportunities for rainwater harvesting and greywater reuse. The ability to plan and implement sustainable water management solutions.
- Attitudes: A positive attitude towards sustainable water management practices and a commitment to reducing the environmental impact of outdoor events through sustainable water management.

### EMBRACING COMPLEXITY IN SUSTAINABILITY:

- Knowledge: Understanding the impact of water consumption on the environment and the challenges and opportunities of sustainable water management practices.
- Skills: The ability to conduct a water audit to identify areas for improvement. The ability to analyse water data and identify trends. The ability to design and implement water treatment and filtration systems.
- Attitudes: A willingness to explore new and innovative sustainable water management solutions.

#### **ENVISIONING SUSTAINABLE FUTURES:**

- Knowledge: Understanding the potential benefits and opportunities of sustainable water management practices.
- Skills: The ability to work with vendors, suppliers, and contractors to reduce water consumption and invest in sustainable water management solutions.
- Attitudes: An appreciation of the role of sustainable water management in achieving long-term success in event management.

#### **ACTING FOR SUSTAINABILITY:**

- Understanding **Knowledge:** the importance of sustainable management practices in reducing the environmental impact of outdoor Knowledge of different approaches and solutions to sustainable water management challenges faced by event organisers.
- Skills: The ability to develop and implement a sustainable water management plan. The ability to communicate sustainable water management practices effectively to stakeholders in the event industry.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. An appreciation of the impact of personal behavior on water consumption and a willingness to encourage water-saving behaviors among event staff and attendees.

# KNOWLEDGE, SKILLS, AND ATTITUDES GAINED FROM THE TRAVEL & TRANSPORT SECTION THAT ARE LINKED TO THE COMPETENCES FROM GREENCOMP, AND ENTRECOMP:





#### GREENCOMP:

#### **EMBODYING SUSTAINABILITY VALUES:**

- Knowledge: Understanding the impact of transportation on the environment, including greenhouse gas emissions and air pollution. Awareness of sustainable transportation practices, including carpooling, public transportation, cycling, and walking, and their benefits and challenges.
- Skills: The ability to analyse transportation needs and identify opportunities for reducing emissions and waste. The ability to plan and implement sustainable transportation solutions.
- Attitudes: A positive attitude towards sustainable transportation practices and a commitment to reducing the environmental impact of outdoor events through sustainable transportation.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY:**

- Knowledge: Understanding the challenges and opportunities of sustainable transportation practices. Awareness of the importance of transportation data analysis to identify trends and areas for improvement.
- Skills: The ability to conduct a transportation audit to identify areas for improvement. The ability to analyse transportation data and identify trends. The ability to develop and implement sustainable transportation solutions.
- Attitudes: A willingness to explore new and innovative sustainable transportation solutions.

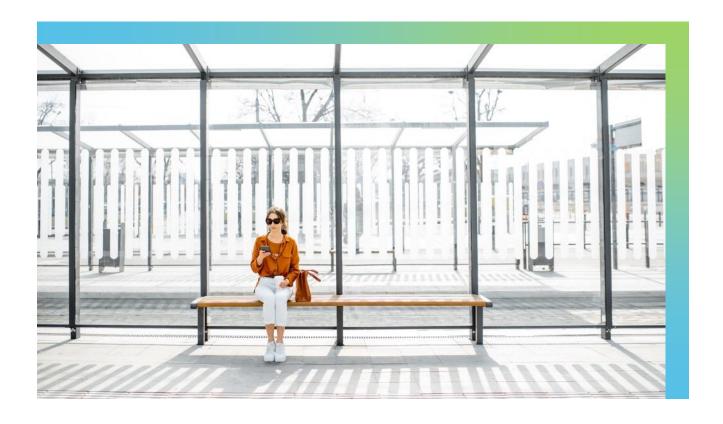
#### **ENVISIONING SUSTAINABLE FUTURES:**

- Knowledge: Understanding the potential benefits and opportunities of sustainable transportation practices. Awareness of the role of collaboration with transportation providers and stakeholders in implementing sustainable transportation solutions.
- Skills: The ability to work with vendors, suppliers, and contractors to reduce emissions and waste from transportation. The ability to identify opportunities to invest in sustainable transportation solutions.

 Attitudes: An appreciation of the role of sustainable transportation in achieving longterm success in event management.

#### **ACTING FOR SUSTAINABILITY:**

- Knowledge: Understanding the impact of transportation on the environment, including greenhouse gas emissions and air pollution. Knowledge of different approaches and solutions to sustainable transportation challenges faced by event organisers.
- Skills: The ability to develop and implement a sustainable transportation plan. The ability to communicate sustainable transportation practices effectively to stakeholders in the event industry.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. An appreciation of the impact of personal transportation choices on the environment and a willingness to encourage sustainable transportation behaviors among event staff and attendees.



#### ENTRECOMP:

#### **SPOTTING OPPORTUNITIES:**

- Knowledge: Understanding the environmental impact of transportation, including greenhouse gas emissions and air pollution. Knowledge of sustainable transportation practices, including carpooling, public transportation, cycling, and walking.
- Skills: The ability to identify opportunities for promoting sustainable transportation practices, including carpooling, public transportation, cycling, and walking, in the context of outdoor events.
- Attitudes: A proactive and innovative attitude towards promoting sustainable transportation practices, including carpooling, public transportation, cycling, and walking.

#### **CREATIVITY:**

- Knowledge: Understanding the potential benefits and challenges of sustainable transportation practices. Awareness of the importance of clear communication to encourage sustainable transportation behavior among event staff and attendees.
- Skills: The ability to design and communicate clear information on sustainable transportation options to event attendees and staff. The ability to develop creative solutions to transportation challenges faced by event organisers.
- Attitudes: An open-minded and innovative attitude towards designing and communicating sustainable transportation solutions.

#### **VISION:**

- **Knowledge:** Understanding the collaboration potential with of providers transportation and stakeholders to implement sustainable transportation solutions. Awareness of sustainable importance of transportation reducing the to environmental impact of outdoor events.
- Skills: The ability to collaborate with transportation providers and stakeholders to implement sustainable transportation solutions. The ability to develop and implement long-term sustainable transportation plans.
- Attitudes: A future-oriented and collaborative attitude towards implementing sustainable transportation solutions.

#### **VALUING IDEAS:**

- Knowledge: Understanding the environmental impact of transportation, including greenhouse gas emissions and air pollution. Awareness of the potential benefits and challenges of sustainable transportation practices, including carpooling, public transportation, cycling, and walking.
- Skills: The ability to prioritise and implement sustainable transportation practices to reduce the environmental impact of outdoor events.
- Attitudes: A responsible and environmentally conscious attitude towards sustainable transportation practices, including carpooling, public transportation, cycling, and walking.

#### **ETHICAL AND SUSTAINABLE THINKING:**

- Knowledge: Understanding the importance of sustainable transportation to reducing the environmental impact of outdoor events. Awareness of the impact of transportation on the environment and the community impacted by outdoor events.
- Skills: The ability to develop and implement sustainable transportation practices that prioritise environmental and social responsibility.
- Attitudes: A commitment to reducing the environmental impact of outdoor events through sustainable transportation practices that prioritise environmental and social responsibility.

#### **SELF-AWARENESS AND SELF-EFFICACY:**

- Knowledge: Understanding the impact of personal transportation choices on the environment. Knowledge of sustainable transportation practices, including carpooling, public transportation, cycling, and walking.
- Skills: The ability to encourage sustainable transportation behavior among event staff and attendees. The ability to prioritise sustainable transportation and invest resources in this area.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. A willingness to encourage sustainable transportation behavior among event staff and attendees.

#### **MOTIVATION AND PERSEVERANCE:**

 Knowledge: Understanding the potential benefits and challenges of sustainable transportation practices, including carpooling, public transportation, cycling, and walking.

- Knowledge of the environmental impact of transportation, including greenhouse gas emissions and air pollution.
- Skills: The ability to prioritise sustainable transportation and invest resources in this area. The ability to develop and implement long-term sustainable transportation plans.
- Attitudes: A motivated and persistent attitude towards implementing sustainable transportation practices, including carpooling, public transportation, cycling, and walking.

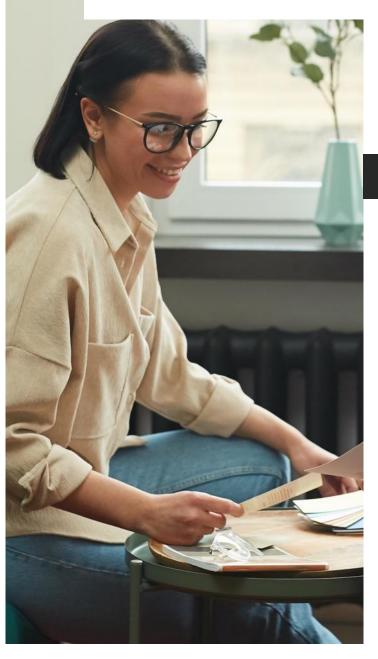
#### **MOBILISING RESOURCES:**

- **Knowledge:** Understanding the potential benefits and challenges of sustainable transportation practices, including carpooling, transportation, cycling, and walking. the importance Awareness of collaboration with transportation providers and stakeholders implement sustainable transportation solutions.
- Skills: The ability to collaborate with transportation providers and stakeholders to implement sustainable transportation solutions. The ability to develop and implement long-term sustainable transportation plans.
- Attitudes: A collaborative and innovative attitude towards implementing sustainable transportation solutions.

#### **FINANCIAL AND ECONOMIC LITERACY:**

 Knowledge: Understanding the potential financial and economic benefits of sustainable transportation practices, including carpooling

# KNOWLEDGE, SKILLS, AND ATTITUDES GAINED FROM THE STRATEGY SECTION THAT ARE LINKED TO THE COMPETENCES FROM GREENCOMP, AND ENTRECOMP:





#### GREENCOMP:

#### **SPOTTING OPPORTUNITIES:**

**Knowledge:** Understanding the importance of developing a comprehensive environmental policy and action plan to reduce the environmental impact of outdoor events. Awareness of the benefits of partnerships and collaborations with other organisations and stakeholders to advance sustainability goals.

**Skills:** The ability to identify opportunities to advance sustainability goals through partnerships and collaborations. The ability to develop a comprehensive environmental policy and action plan.

**Attitudes:** A commitment to sustainability and a willingness to explore opportunities to advance sustainability goals.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY:**

- Knowledge: Understanding the complexity of sustainable event management. Awareness of effective communication strategies to engage stakeholders and promote sustainable practices.
- Skills: The ability to use effective communication strategies to engage stakeholders and promote sustainable practices. The ability to conduct comprehensive environmental audits and use the results to inform future sustainability planning.
- Attitudes: A willingness to embrace change and new ideas in sustainable event management.

#### **ENVISIONING SUSTAINABLE FUTURES:**

- Knowledge: Understanding the importance of setting ambitious targets for environmental performance and monitoring progress. Awareness of new technologies and innovations in sustainable event management.
- Skills: The ability to set ambitious targets for environmental performance and monitor progress. The ability to research and identify new technologies and innovations in sustainable event management.

 Attitudes: A vision for a sustainable future and a willingness to invest time, resources, and effort in achieving sustainability goals.

#### **ACTING FOR SUSTAINABILITY:**

- Knowledge: Understanding the importance of a comprehensive environmental policy and action plan. Knowledge of best practices in sustainable event management and the impact of personal behavior on environmental performance.
- Skills: The ability to develop and implement a comprehensive environmental policy and action plan. The ability to collaborate and share experiences with other event organisers and sustainability professionals.
- Attitudes: A sense of responsibility towards the environment and the community impacted by outdoor events. A commitment to sustainable event management and a willingness to invest time, resources, and effort in achieving sustainability goals.



#### ENTRECOMP:

#### **SPOTTING OPPORTUNITIES:**

- Knowledge: Understanding the importance of collaboration and partnerships in advancing sustainability goals. Knowledge of sustainable practices and solutions that can be implemented in outdoor events.
- Skills: The ability to establish partnerships and collaborations with other organisations and stakeholders to advance sustainability goals. The ability to identify opportunities for improving sustainability practices in event management.
- Attitudes: A positive attitude towards sustainability and a willingness to take action to reduce the environmental impact of outdoor events.

#### **CREATIVITY:**

- Knowledge: Understanding the importance of effective communication strategies in engaging stakeholders and promoting sustainable practices. Knowledge of different communication channels and techniques.
- Skills: The ability to use effective communication strategies to engage stakeholders and promote sustainable practices. The ability to develop creative solutions to sustainability challenges in event management.
- Attitudes: A willingness to think outside the box and try new approaches to sustainability.

#### **VISION**:

- Knowledge: Understanding the importance of setting ambitious targets for environmental performance and monitoring progress. Knowledge of different sustainability metrics and indicators.
- Skills: The ability to set ambitious targets for environmental performance and monitor progress towards achieving them. The ability to use data and metrics to inform future sustainability planning.
- Attitudes: A commitment to continuous improvement and a desire to achieve excellence in sustainability.

#### **ETHICAL AND SUSTAINABLE THINKING:**

- Knowledge: Understanding the importance of taking action to reduce the environmental impact of outdoor events. Knowledge of sustainable practices and solutions that can be implemented in event management.
- Skills: The ability to take action to reduce the environmental impact of outdoor events. The ability to develop and implement comprehensive environmental policies and action plans.
- Attitudes: A sense of responsibility towards the environment and a commitment to taking action to address sustainability challenges.

#### **SELF-AWARENESS AND SELF-EFFICACY:**

- Knowledge: Understanding the importance of investing time, resources, and effort in sustainable practices. Knowledge of the benefits of sharing experiences and collaborating with other event organisers and sustainability professionals.
- Skills: The ability to invest time, resources, and effort in sustainable practices. The ability to share experiences and collaborate with other event organisers and sustainability professionals.
- Attitudes: A belief in one's own ability to make a positive impact on sustainability and a willingness to learn from others.

#### **MOBILISING RESOURCES:**

- Knowledge: Understanding the importance of collaboration and partnerships in advancing sustainability goals. Knowledge of different sources of funding for sustainability projects.
- Skills: The ability to establish partnerships and collaborations with other organisations and stakeholders to advance sustainability goals. The ability to mobilise resources to support sustainability initiatives.
- Attitudes: A willingness to seek out and leverage resources to support sustainability initiatives.

#### FINANCIAL AND ECONOMIC LITERACY:

- Knowledge: Understanding the importance of setting ambitious targets for environmental performance and monitoring progress. Knowledge of financial and economic considerations related to sustainability.
- Skills: The ability to set ambitious targets for environmental performance and monitor progress towards achieving them. The ability to integrate financial

- and economic considerations into sustainability planning and decision-making.
- Attitudes: An appreciation of the financial and economic benefits of sustainable practices.

#### **MOBILISING OTHERS:**

- Knowledge: Understanding the importance of effective communication strategies in engaging stakeholders and promoting sustainable practices. Knowledge of different approaches to behavior change.
- Skills: The ability to use effective communication strategies to engage stakeholders and promote sustainable practices. The ability to encourage behavior change among event staff and attendees.
- Attitudes: A belief in the power of collective action and a willingness to engage others in sustainability initiatives.

### BUILDING AND MANAGING RELATIONSHIPS:

- Knowledge: Understanding the importance of collaboration and partnerships in advancing sustainability goals. Knowledge of different approaches to stakeholder engagement.
- Skills: The ability to establish partnerships and collaborations with other organisations and stakeholders to advance sustainability goals. The ability to engage and manage relationships with stakeholders.
- Attitudes: A commitment to building strong, productive relationships with stakeholders and a willingness to work collaboratively towards sustainability goals.



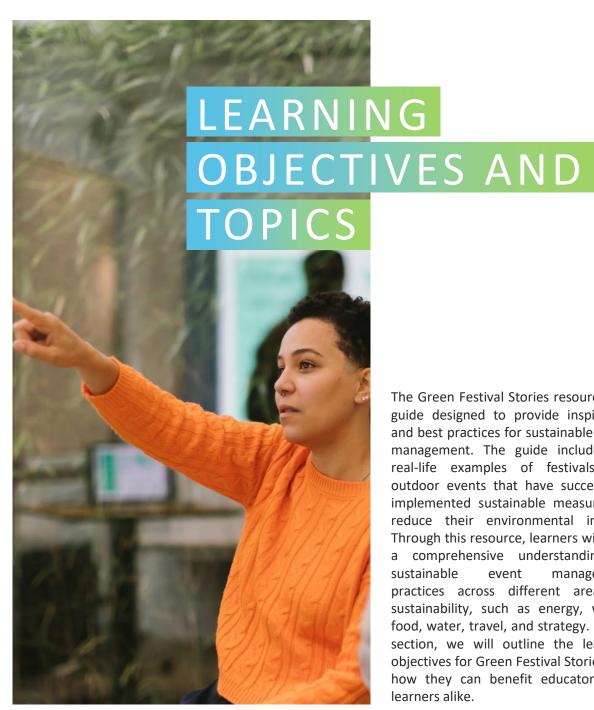
LEARNING OBJECTIVES AND TOPICS

LEARNER PROGRESSION LEVELS AND ASSESSMENT CRITERIA

KNOWLEDGE, SKILLS, AND ATTITUDES GAINED

KNOWLEDGE, SKILLS AND ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS





The Green Festival Stories resource is a guide designed to provide inspiration and best practices for sustainable event management. The guide includes 21 real-life examples of festivals and outdoor events that have successfully implemented sustainable measures to reduce their environmental impact. Through this resource, learners will gain a comprehensive understanding of sustainable event management practices across different areas of sustainability, such as energy, waste, food, water, travel, and strategy. In this section, we will outline the learning objectives for Green Festival Stories and how they can benefit educators and learners alike.

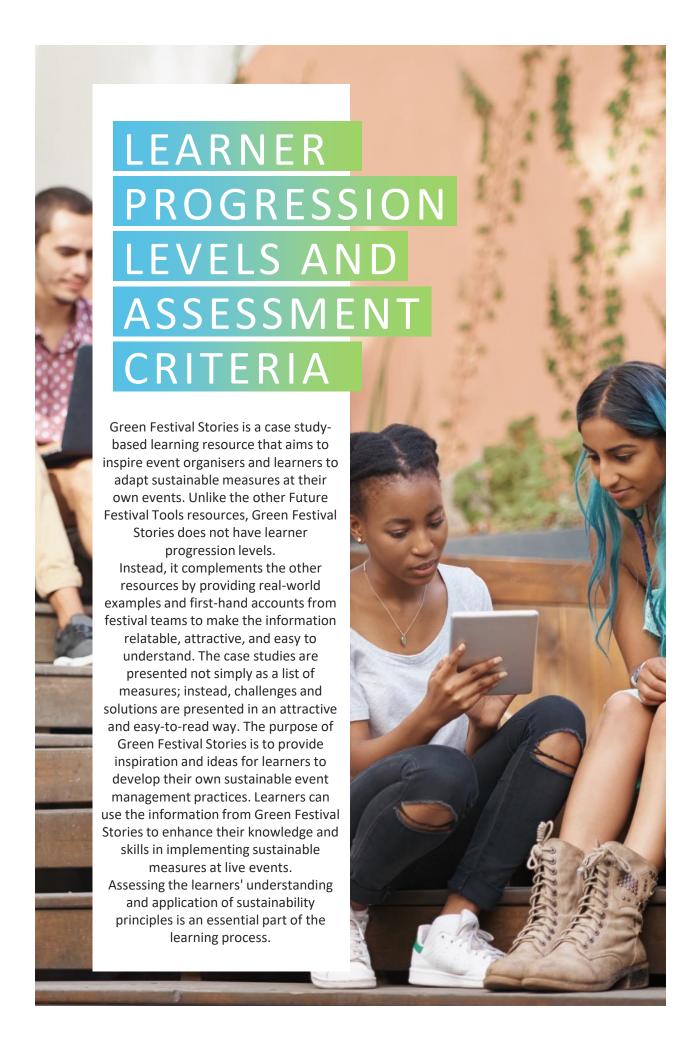
The learning objectives for Green Festival Stories are:

- Gain inspiration from real-life examples of sustainable event management practices across different areas of sustainability, such as energy, waste, food, water, travel, and strategy.
- Learn about various approaches and solutions common sustainability to challenges faced by event organisers in different contexts.
- Understand the diversity of the European festival scene in terms of sise, type, and location, and how sustainability practices can be implemented across different contexts.
- Access first-hand accounts from festival teams that share their experiences, challenges, and successes in implementing sustainable measures.
- Develop ideas and strategies for their own events, projects, or assignments related to sustainable event management.

The learning objectives for Green Festival Stories have a number of benefits for both educators and learners. For educators, the real-life examples of sustainable event management practices can be used as case studies or discussion topics in the classroom, providing relevant and engaging material for learners. The variety of approaches and solutions to sustainability challenges can also help educators to expand their knowledge and adapt their teaching methods accordingly. The first-hand accounts from festival teams can also be used as examples of real-world experiences, providing valuable insights and practical advice.

The learning objectives provide opportunities to gain inspiration from successful sustainable event management practices across a range of areas, leading to a better understanding of the potential for sustainability in the live events industry. By learning about different approaches and solutions to common sustainability challenges, learners can gain more a comprehensive understanding of how sustainability can be practically applied at live events. The understanding of the diversity of the European festival scene in terms of sise, type, and location, and how sustainability practices can be implemented across different contexts, help can learners to identify opportunities and challenges in their own local contexts. The first-hand accounts from festival teams can also help learners to develop a more realistic nuanced view and οf practices, sustainability and challenges and opportunities they may face in implementing them. Finally, the opportunity to develop ideas and strategies for their own events. projects, or assignments related to sustainable event management can help learners to build practical skills and knowledge that can be applied in their future careers.





#### FOR THE GREEN FESTIVAL STORIES, THE FOLLOWING ASSESSMENT CRITERIA ARE SUGGESTED:



Trainers can align the assessment criteria with the learning objectives of Green Festival Stories and the other resources to evaluate the learners' progress in terms of their understanding and application of sustainability principles. For example, for learners who have reached the level 'Leading the Way' in the self-assessment tool, the assessment criteria for Green Festival Stories can be more focused on evaluating their ability to critically analyse and compare sustainability practices in different festivals and contexts, whereas for learners who have just started with the resources, the assessment criteria can focus more on their ability to understand and explain sustainability practices and challenges in the festival industry.



## KNOWLEDGE, SKILLS, AND ATTITUDES GAINED

Green Festival Stories is a case study-based resource that can provide learners with valuable knowledge, skills, and attitudes related to sustainable event management practices.



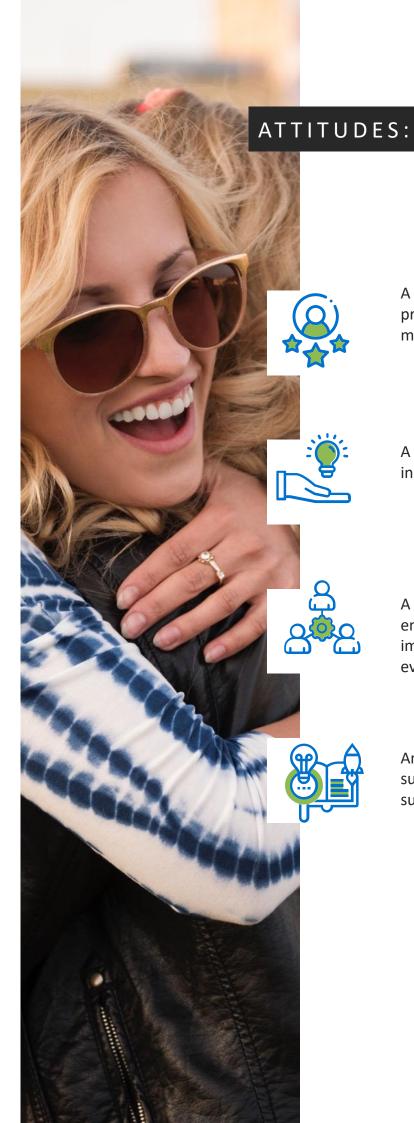


The ability to analyse sustainability practices in outdoor festivals and events, and identify areas for improvement.

The ability to apply knowledge and best practices from case studies to the planning and implementation of sustainable measures in their own events.

The ability to communicate sustainability principles and practices effectively to stakeholders in the event industry.

The ability to evaluate the success of sustainability measures and make recommendations for future improvements.



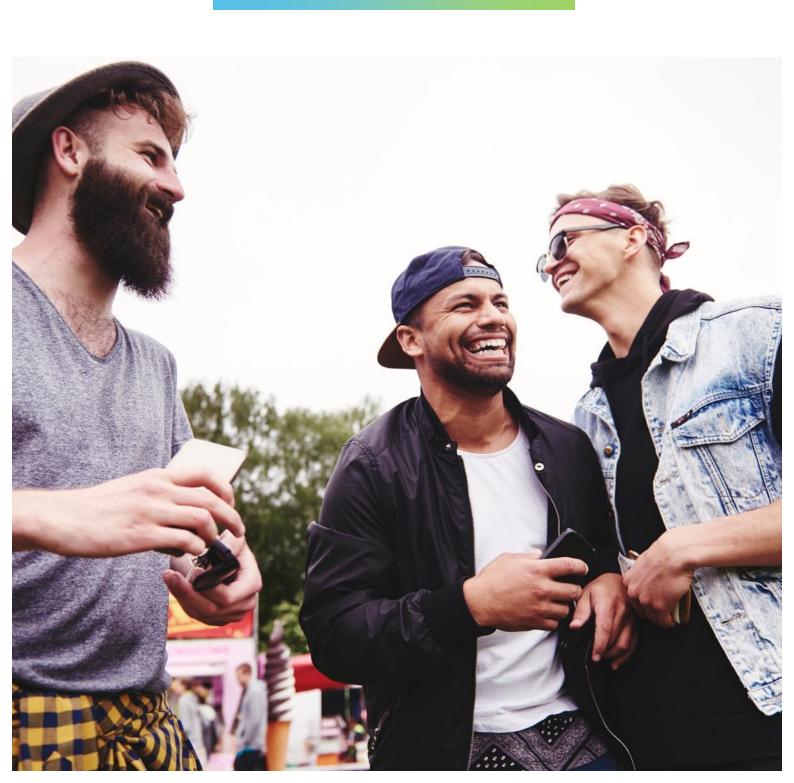
A positive attitude towards sustainability principles and practices in event management.

A willingness to explore new and innovative sustainability solutions.

A sense of responsibility towards the environment and the community impacted by outdoor festivals and events.

An appreciation of the role of sustainability in achieving long-term success in the event industry.

# ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS



#### ENTRECOMP

EntreComp is a framework for entrepreneurship education that outlines a set of 15 competencies that are essential for entrepreneurial success. These competencies are divided into three categories: Ideas and Opportunities, Resources, and Into Action. The knowledge, skills, and attitudes gained from the Green Festival Stories, are directly linked to several of these competencies, as described below.



#### SPOTTING OPPORTUNITIES:

**Knowledge:** Understanding the various sustainability challenges faced by event organisers and the solutions adopted by other festivals.

**Skills:** Being able to identify opportunities for implementing sustainable practices in different contexts.

**Attitudes:** Being open-minded and curious about sustainability issues and the potential for positive change.



#### CREATIVITY:

**Knowledge**: Understanding the importance of creativity in developing innovative sustainable solutions.

**Skills**: Developing original and creative ideas for implementing sustainable practices.

**Attitudes**: Being willing to challenge traditional thinking and explore new ideas.



#### VISION:

**Knowledge:** Understanding the importance of having a long-term perspective in sustainability planning.

**Skills:** Developing a vision for sustainable events and strategies for achieving long-term goals.

**Attitudes:** Being optimistic and future-oriented in sustainability planning.



#### VALUING IDEAS:

**Knowledge**: Understanding the potential value of sustainable ideas and practices.

**Skills**: Evaluating and prioritising sustainable ideas and practices for implementation.

**Attitudes**: Being open to diverse perspectives and ideas related to sustainability.



#### ETHICAL AND SUSTAINABLE THINKING:

**Knowledge:** Understanding the social, environmental, and economic implications of sustainability decisions.

**Skills:** Identifying and implementing ethical and sustainable practices in event management.

**Attitudes:** Being committed to sustainability principles and considering their impact on society and the environment.



# SELF-AWARENESS AND SELF-EFFICACY:

**Knowledge:** Understanding one's own strengths and weaknesses related to sustainability practices.

**Skills:** Reflecting on one's own sustainability practices and seeking to improve them.

**Attitudes:** Believing in one's ability to make a positive impact through sustainable practices.



# MOTIVATION AND PERSEVERANCE:

**Knowledge:** Understanding the importance of persistence in achieving sustainability goals.

**Skills:** Setting and pursuing sustainability goals with enthusiasm and determination.

**Attitudes:** Being passionate about sustainability and committed to achieving sustainability goals.



#### MOBILISING RESOURCES:

**Knowledge:** Understanding the resources necessary for implementing sustainable practices.

**Skills:** Identifying and acquiring the resources necessary for sustainable event management.

**Attitudes:** Being resourceful and seeking out creative solutions to achieve sustainability goals.



#### FINANCIAL AND ECONOMIC LITERACY:

**Knowledge:** Understanding financial and economic concepts related to sustainable event management.

**Skills:** Using financial and economic concepts effectively in sustainability decision-making.

**Attitudes:** Being financially responsible and considering the economic impact of sustainability decisions.



#### MOBILISING OTHERS:

**Knowledge:** Understanding the importance of engaging stakeholders in sustainable event management.

**Skills:** Inspiring and influencing others to support and participate in sustainability initiatives.

**Attitudes:** Being a collaborative and inclusive leader in sustainability.



# BUILDING AND MANAGING RELATIONSHIPS:

**Knowledge:** Understanding the importance of relationships in sustainable event management.

**Skills:** Building and maintaining relationships with stakeholders to achieve sustainability goals.

**Attitudes:** Being respectful and communicative in sustainability-related relationships.



#### TAKING THE INITIATIVE:

**Knowledge:** Understanding the importance of taking action in sustainability.

**Skills:** Taking proactive steps to implement sustainable practices.

**Attitudes:** Being confident and assertive in pursuing sustainability goals.



#### LEARNING THROUGH EXPERIENCE:

**Knowledge:** Understanding the importance of reflection and learning in sustainability.

**Skills:** Reflecting on past sustainability experiences and applying learning to future situations.

**Attitudes:** Being open to learning and willing to learn from mistakes in sustainability.



# ADAPTABILITY AND COPING WITH UNCERTAINTY:

**Knowledge:** Learners gain knowledge of diverse sustainability challenges and solutions, as well as the ability to reflect on past experiences and apply learning to future situations.

**Skills:** Learners develop skills in adjusting to new situations and coping with uncertainty and ambiguity through exposure to real-life examples and case studies of sustainable event management practices.

**Attitudes:** Learners develop an open and adaptive mindset towards sustainable event management, recognising the need for flexibility and agility in the face of uncertainty.



#### PLANNING AND MANAGEMENT:

**Knowledge:** Learners gain knowledge of various approach and solutions to common sustainability challenges faced by event organisers, as well as the ability to identify and acquire the resources necessary to achieve a goal.

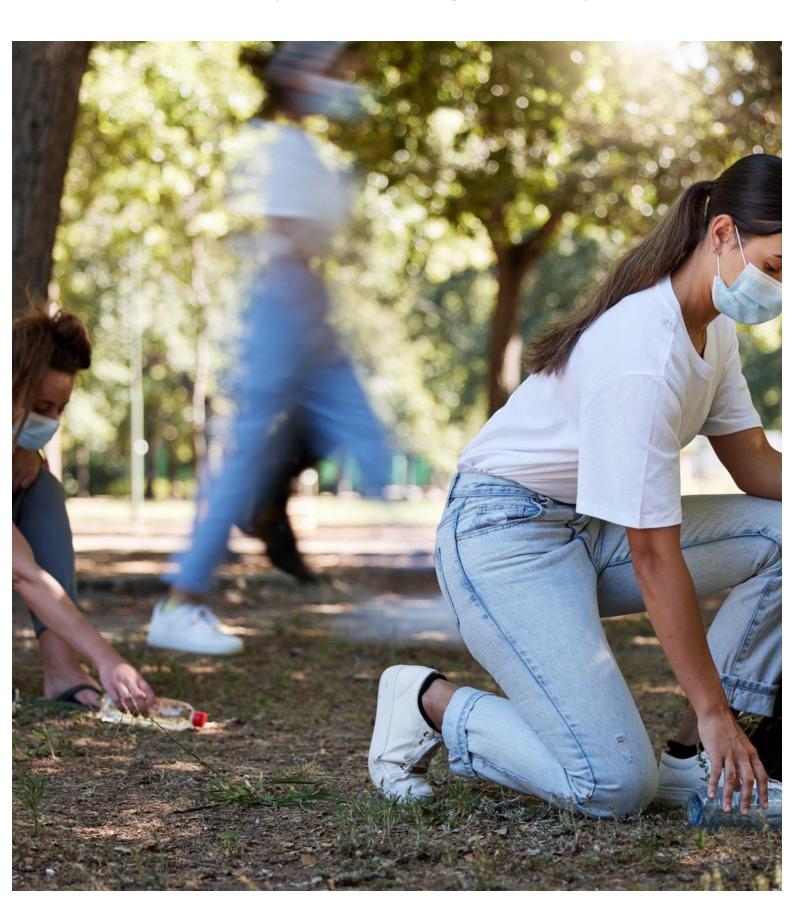
**Skills:** Learners develop skills in planning, organising, and managing resources effectively to achieve sustainability goals through exposure to real-life examples and case studies of sustainable event management practices.

Attitudes: Learners develop a proactive and goal-oriented attitude towards sustainable event management, recognising the need for effective planning and management to achieve sustainability outcomes.



#### GREENCOMP

Green Festival Stories is a case study based learning resource that aims to provide learners with reallife examples of sustainable event management practices across different areas of sustainability. In addition to gaining knowledge and skills related to sustainability practices in the events industry, learners can also develop attitudes and values that align with the Greencomp framework.



## EMBODYING SUSTAINABILITY VALUES:

**Knowledge:** Understanding the principles and values of sustainability and their importance in creating a more equitable and environmentally friendly world.

**Skills:** Developing strategies and practices that align with sustainability values and promote fairness, nature, and sustainability.

**Attitudes:** Valuing sustainability, supporting fairness, and promoting nature.



## EMBRACING COMPLEXITY IN SUSTAINABILITY:

**Knowledge:** Understanding the complexity of sustainability issues and the interconnectedness of social, economic, and environmental factors.

**Skills:** Applying systems thinking, critical thinking, and problem framing to identify and address sustainability challenges.

**Attitudes:** Embracing complexity and being open to new and innovative solutions to sustainability challenges.



#### ENVISIONING SUSTAINABLE FUTURES:

**Knowledge:** Understanding the potential impact of current actions on future sustainability outcomes.

**Skills:** Using futures literacy, adaptability, and exploratory thinking to envision and plan for a sustainable future

**Attitudes:** Being optimistic and proactive about creating a sustainable future.



#### ACTING FOR SUSTAINABILITY:

**Knowledge:** Understanding the importance of collective and individual action in achieving sustainability goals.

**Skills:** Taking individual initiative, participating in collective action, and engaging in political agency to promote sustainability.

**Attitudes:** Being committed to sustainability and taking responsibility for creating a sustainable future.







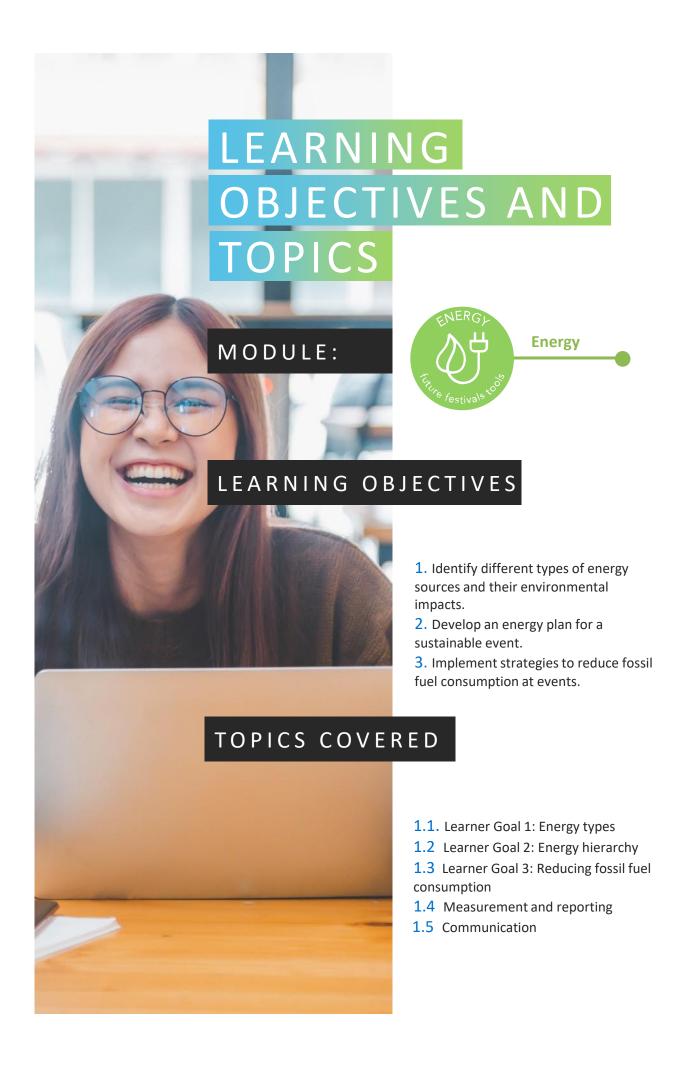
LEARNING OBJECTIVES AND TOPICS

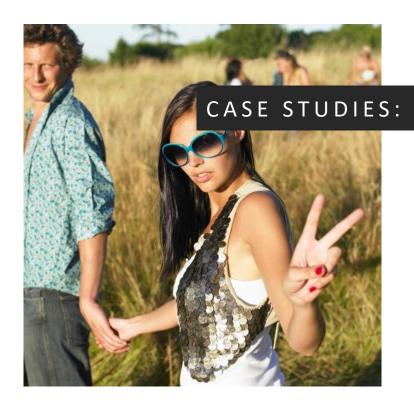
LEARNER PROGRESSION LEVELS
AND ASSESSMENT CRITERIA

KNOWLEDGE, SKILLS, AND ATTITUDES GAINED

KNOWLEDGE, SKILLS AND ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS









Learn about how Shambala Festival, UK (capacity 25,000) reduced their carbon footprint with an efficient energy plan and how they transitioned away from using diesel to be completely powered by renewable sources since 2010. Read the full case study <a href="#">HERE</a>





MyZAP is a platform for event power management, helping event organisers create personalised smart power plans.

Futur2 Festival, Germany (daily capacity 5,000) depends on the strength of its communication with stakeholders for funding and smooth running. Being powered entirely by solar, the event team has to undertake thorough advance information gathering to accurately understand the power requirements of all traders and production onsite, ensuring that adequate power can be provided for the event. Communication with their audiences is also key: they are funded by Hamburg's Department of the Environment on the understanding that the audience will be inspired to engage with sustainability by the many onsite innovations. Read the full case study HERE





## CASE STUDY

Find out how Øya Festival, Norway (capacity 20,000), phased out the use of diesel generators by connecting to mains power with support from the local government and energy supplier. Øya began the project in 2009 and by 2011 they were running on 100% renewable energy via a Green Tariff through mains power. Read the full case study HERE.







Learn more about terminology and how energy works in this fact sheet provided by Powerful Thinking (UK)



See detailed article about Trias Energetica online

## DIVE DEEPER



Learn more about event-related emissions and their health impacts in this Fact Sheet by Hope Solutions (UK)

CLICK TO VIEW

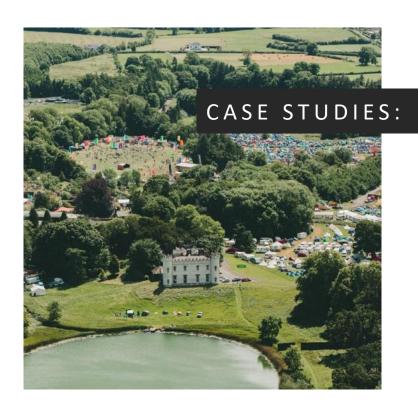
Understand the impact of LED stage lighting on emissions and fuel use: <a href="https://www.powerfulthinking.org.uk/casestudy/led-vs-traditional-stage-lighting-reducing-emissions-and-fuel-by-70/">https://www.powerfulthinking.org.uk/casestudy/led-vs-traditional-stage-lighting-reducing-emissions-and-fuel-by-70/</a>

Fact sheet: Measuring generator loads <a href="https://www.powerful-thinking.org.uk/factsheet/measuring-generator-loads/">https://www.powerful-thinking.org.uk/factsheet/measuring-generator-loads/</a>

Fact sheet: Advanced Power Monitoring Resources









DGTL Festival in Amsterdam (capacity 20,000) has an ambitious goal: to become the first circular, climate-neutral major event. DGTL has rethought waste by separating and treating it like resources, creating many measures in line with the 7 Rs of waste management. To better understand what happens to materials at the festival, DGTL created a Material Flow Analysis to chart exactly what comes in and out of the event to help find processes to minimise waste. In 2022, DGTL ended up with about 20 grams of residual waste per visitor per day whereas before the projects, in 2019, it had been 93 grams. Read the full case study HERE



## CASE STUDY



Body and Soul Festival, Ireland (Capacity 5,500 daily) raised their recycling rate to 60% by improving their waste collections systems and working very closely with waste contractors and crews. Read the case study HERE

Climax Festival, France (Capacity 3,000) have maximised their waste sorting and recycling by identifying and collecting over ten streams of waste for segregation onsite at the event and partnering with several organisations to ensure the materials are properly treated, recycled and up-cycled where possible. Read the full case study HERE

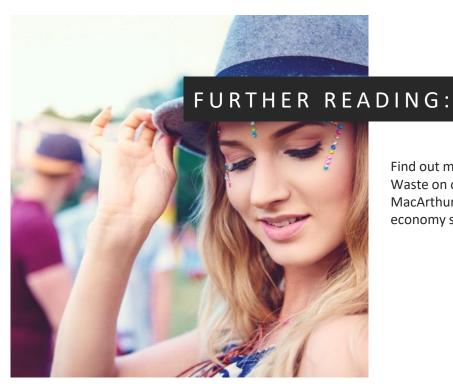


## CASE STUDY

Roskilde Festival, Denmark (Capacity 130,000). One of the biggest challenges for Roskilde is campsite waste. As well as exploring a solution to supply festival-goers with their own camping kit, Roskilde have established community camping areas, where the festival runs campaigns to communicate what kind of behaviour they expect from their participants eg., "Leave No Trace Camp" and "Clean Out Loud Camp". By involving their audiences Roskilde has avoided cleaning up huge amounts of waste. Read the full case study HERE







Find out more about Materials and Waste on other websites. The Ellen MacArthur Foundation explores circular economy systems in practice here:



Check out the Future Festival Tools 'Super Example' for this topic, DGTL Festival, Amsterdam, NL



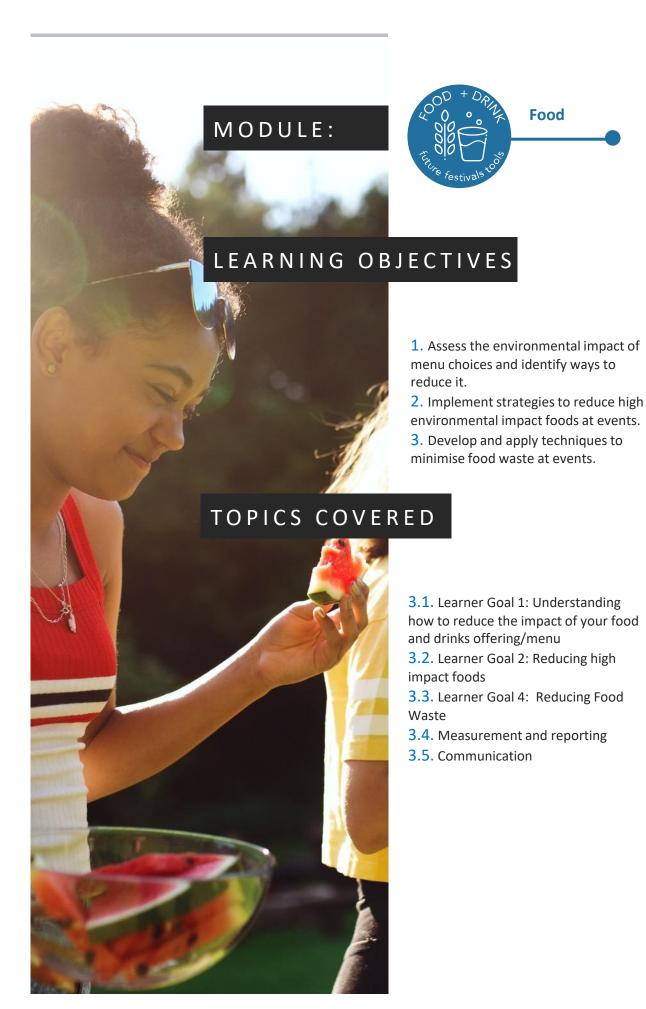
Read the Reusable Cups at Events: Why

TO VIEW

it Matters and How to Do it -

Download the waste-free festivals toolkit: from waste to resources by Green Events Netherlands:









At NorthSide Festival in Denmark (35,000 capacity), all groceries for guests, artists and volunteers were 100% plant-based and organic in 2022. They don't use meat or fish and only permit a maximum of 15% of cheese, eggs and mayonnaise per meal. Read the full case study HERE



## CASE STUDY



Tollwood, a large-scale urban food and arts event with summer and winter editions in Germany (capacity 1.5 million visitors over 60 festival days) only use 100% organic and Fairtrade products for their events and have cultivated a supply chain meeting their criteria by working closely with restaurateurs. Read the case study HERE

#### SHAMBALA MOVES AWAY FROM DAIRY MILK

In 2018, Shambala festival (UK, 25,000 capacity) removed dairy milk from the event, and published a report comparing the environmental impact of dairy and non-dairy milk alternatives. They found:

- Both dairy and almond milk typically require about 1000 litres of water to produce 1 litre, compared to about 150 litres for oat milk.
- 26% percent of the earth's land surface is used for grazing animals.
- Consuming non-dairy milks can cut the overall environmental impact by 50% when compared to consuming dairy.

Read about their Gone Off Milk initiative **HERE** 



## CASE STUDY

In 2016, Shambala festival (UK) made the decision to remove meat and fish from their menu for audience and festival staff, as part of a campaign to highlight food impacts. The change saves an estimated 100 tonnes of GHG emissions per year. In a survey after the event, over 50% of people who eat meat and fish said they had made a 'significant change to their diet toward less animal products'. One year later, 94% of the audience voted to stay meat- and fish-free Find out more:





DGTL Festival in Amsterdam (Capacity 20,000) have been meat-free since 2016, and in 2018 they introduced a circular, plant-based food court, which uses a composting machine to turn food scraps, plates, cutlery and napkins into compost on site within 24 hours — a process that festival-goers can watch. The compost will then be distributed amongst participating urban farmers, who use the compost to grow vegetables and other ingredients for next year's meals. Read the full case study HERE



## CASE STUDY

Way Out West, Sweden (daily capacity 35,000), is 100% vegetarian and has been meat-free and largely dairy-free since 2012. They have been certified in accordance with ISO 20121 since 2013 and plan to be the world's first 'climate transparent' festival: This means the climate footprint for food. drink. transport. accommodation and energy, down to portaloo usage and mobile charging stations, is reported. Two companies help gather the data, with one of them focused only on food and drinks. Every dish is analysed and receives its own CO2 footprint. Read the full case study **HERE** 





# FURTHER READING:



Changing our view on food has to begin with changing our relationship with nature. In this article, Andy Cato (Groove Armada) tells more about what we have to do to achieve this goal.

Moving towards the executive side, Festival Northside (Denmark) announced its menu will be plant-based in 2022. Martin Thim (Partner and Sustainability Manager of the festival) elaborates on this <u>in this article</u>. In the Netherlands, events have also decided to move towards a fully plant-based menu. Beyond Meat and Apenkooi Events <u>announced a collaboration</u> to offer plant-based meat products for the upcoming festival seasons, starting with DGTL Amsterdam.



Eighth Plate is a pioneering environmental initiative that sets out to help UK festivals salvage surplus food and redistribute it to local food charities. The project was set up in 2015 by <a href="The Nationwide Caterers">The Nationwide Caterers</a>
<a href="Association">Association (NCASS)</a> and A Greener Festival, and worked with UK festivals and their food traders to prevent over 23 tonnes of food being unnecessarily wasted in their first year of operating. Find out how they work with events: <a href="https://www.vision2025.org.uk/guest-blog-eighthplate-a-food-waste-revolution">https://www.vision2025.org.uk/guest-blog-eighthplate-a-food-waste-revolution</a>

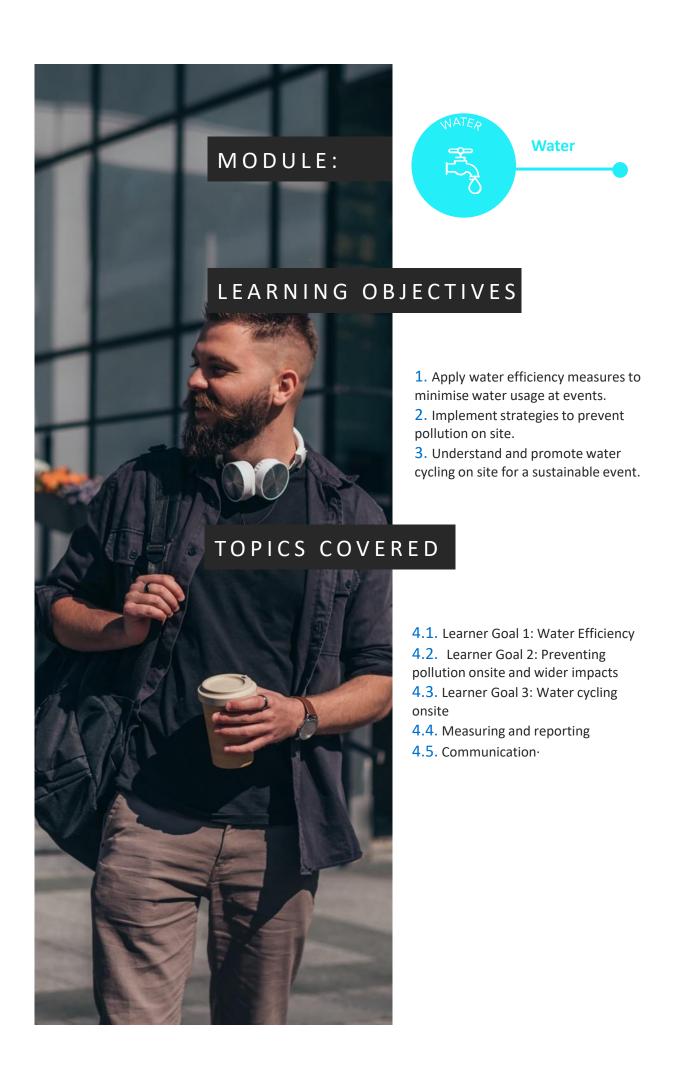
















Paradise City Festival, Brussels (daily capacity, 12,000) is set in a 90-hectare nature park and bird reserve filled with meadows, forests and ponds belonging to the privately owned Castle Ribaucourt. Usually the public is not usually allowed in the park and so keeping the onsite ponds from being polluted by treating grey and black water is a key priority for the event team. The festival collects black water (wastewater from toilets), in containers and transports them off site for reuse. For the less polluted grey water (wastewater from showers), Paradise City partners with Hello Water to filter the water and release it back into the ponds, not at drinking water quality, but clean enough for the environment. They also work hard to prevent trash entering the water courses and to reduce the consumption of water overall. Read the full case study HERE





Shambala Festival (UK) have worked with charity FRANK Water to provide water refill points as part of eliminating single use plastic. Read the case study <u>HERE</u>.



## CASE STUDY

Boom Festival (capacity 40,000) in Portugal, has the motto "every drop counts," a sentiment appropriate for an event located in a country feeling the effects of climate change, with widespread drought becoming common and already affecting event licences. Boom's approach has been to maximise the water that is available, reduce water consumption and treat grey water for reuse on the land while building systems that prevent contamination of the nearby lake and waterways. Read how they achieve this HERE



## CASE STUDY

Scientists develop machine that transforms dirty water into drinkable supply: Learn about the portable purification system that could bring clean drinking water to areas of the world without reliable access to a safe supply:





Research the topic of water at events in The Show Must Go On report, Water chapter pgs 75-81 or Vision: 2025 resource Hub (search Water theme)

Visit the <u>Vision: 2025 website's Resource Hub</u> and search under the theme water for more guides and case studies on water at events



Find out more about <u>how reed beds and</u> <u>constructed wetland can be used to filter water</u>.

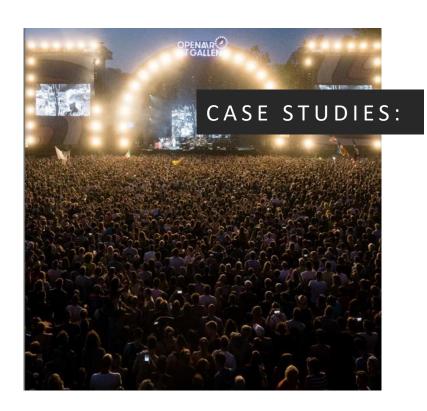














OpenAir St. Gallen (capacity 27,500) in Switzerland, set out to encourage eco-friendly travel by subsidising train tickets. OpenAir St. Gallen recognised that one of the reasons festival goers prefer to arrive by car rather than public transport is the expense of travel tickets. As a result, the festival subsidises public transport to make it more affordable. City buses as well as shuttle buses between parking / main station and festival site are included in the festival ticket and festival goers receive a 50% discount on train tickets to the festival through a collaboration with the Swiss national railway company. Read the full case study HERE



#### CASE STUDY

SNNTG Festival, Germany (capacity 3,000) uses local infrastructure to reduce emissions from travel. To reduce audience travel emissions, they provide information on how to get to the festival by bus, train and bike, and encourage these forms of travel. For guests arriving on bike, SNNTG provides cycling routes, offers a luggage shuttle and a joint bicycle arrival as a separate event. There is a free shuttle bus going to the festival site from the local train station for those without a bike. The festival does still offer car parking, but they have increased the prices to discourage arriving by car. Find out how SNNTG works with audiences and crew



Fire in the Mountain (capacity 2,000) is located on a remote farm in West Wales, UK. They launched a five-year Sustainable Travel Initiative to reduce car and van use as much as possible and they aim to offset unavoidable carbon emissions. Their plan includes an increased parking charge for crew and attendees, free parking and charging for electric vehicles, free minibuses for the crew, promoting car sharing, cycling and coach travel, discounted shuttle buses from the nearest train station, a carbon off-set option for drivers via the festival's ticket page, and an innovative Coach Ambassador Scheme. The scheme involves the festival audience in organising car-pooling; Fire in the Mountain offers a discounted vehicle or coach to groups who work together to coordinate the travel. Read the full case study **HERE** 







#### DIVE DEEPER

Learn about the EU plan for reductions of 90% by 2050: 'Sustainable mobility The European Green Deal' European Commission (Dec 2019)

#### DIVE DEEPER

Read more about the impact of Travel and Transport in the Show Must Go On report (ed. 2, 2020)



# **CLICK** TO <u>VIEW</u>

#### DIVE DEEPER

Read the ecolibrium sustainable travel guide for festivals and events pages 17-18 for an action plan and template:



## DIVE DEEPER

Read the ecolibrium sustainable travel guide for festivals and events pages 17-18 for an action plan and template: <a href="https://ecolibrium.earth/the-">https://ecolibrium.earth/the-</a> ecolibrium-sustainable-travel-guide-for-festivalsand-events/

## DIVE DEEPER

Further information to guide contractors on fuel and carbon savings can be found at The Freight Portal



FREIGHT PORTAL

#### DIVE DEEPER

Watch 'What to Measure and How: Transport section,' from the Association of Festival Organisers 2021 Annual Conference:

Read these travel info sections where events are communicating with their audiences about their travel policy and actively promoting the need for low carbon travel alternatives.





Fire in the Mountain:











Learn more about reducing impacts at events and explore how to tackle artist travel:







We Love Green, France (daily capacity 40,000). We Love Green sets out to include everyone involved in the festival in their sustainability strategy goals. The festival has created a charter for each of the five different groups of participants in their event production: artists, restaurants, volunteers, partners and service providers (toilets, bars and technicians). The charters serve as guidelines for ecologically responsible behaviour. Read the full case study HERE



#### CASE STUDY

TIMBER FESTIVAL, UK (CAPACITY 5,000) have embedded sustainability at all levels of their event and, despite having only celebrated five editions so far, they are working on a comprehensive sustainability strategy. As well as internal motivations for their focus on sustainability the Timber team are also driven by the expectations of their audiences, programming partners and funding partners to offer them sustainable ways to engage in the festival. The festival is also passionate about collaborating with a wide range of community groups, schools, commissioning partners, researchers, conservation specialists and NGOs as well as artists. Read the full case study HERE



Podoha Festival, Slovakia (daily capacity 30,000) have overcome the challenge of a lack of sustainable suppliers in their region by taking risks, finding partners where they could and innovating. Despite the circumstances, Pohoda has successfully integrated many sustainable features into their festival: partnering with a local energy provider to create a mobile solar power station and, to tackle travel emissions, they partnered with a national train company to operate special festival trains across the country. Read the full case study HERE

#### CASE STUDY

Terraforma Festival, Italy (daily capacity, 3,000). At Terraforma, environmental sustainability is embedded in the design and planning of the festival. The team believe that the festival has an important role in raising awareness of social and environmental issues within their community, and the event combines music with artistic installations, sustainable architecture and workshops to "form an atmosphere capable of stimulating the listener's sensibility to think about the present and the future in a new way." Read the full case study HERE

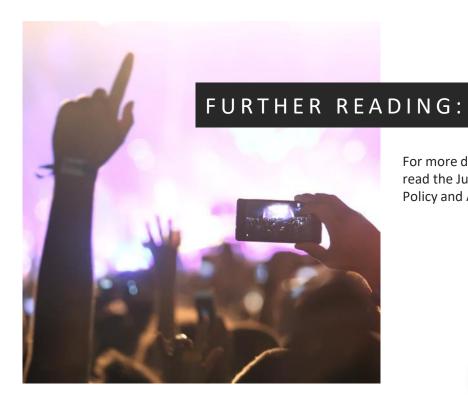
#### CASE STUDY

Metal Days Festival, Slovenia (daily capacity, 12,000) found communicating the introduction of a 100% plant-based menu to their diverse audience challenging. They found that, for their audience, subtler communication was the best route. When they had their first vegan food stand at the festival the founders experienced a backlash and were accused of pushing their own beliefs onto the audience. Instead of reverting the change to plant-based food, they simply stopped explicitly advertising vegan options. "Now our communication is: 'Look, here is food, here is a delicious burger. There is plenty of great and healthy food at the festival area; come and enjoy.'" Read the full case study HERE









For more detail and some examples, read the Julie's Bicycle Environmental Policy and Action Plan Guide here:

#### DIVE DEEPER:

CONSIDERING CLIMATE JUSTICE IN STRATEGY





reative Climate Justice Guide

Julie's Bic



Climate justice is increasingly recognised as the defining issue of our time. Many organisations are including the topic as a fundamental aspect of their environmental policy.

In April 2022, the Intergovernmental Panel on Climate Change (IPCC) released the final report of its sixth comprehensive review of climate change. The report - which focuses on mitigation of climate change - recognises that the historical and ongoing drivers of climate and environmental destruction lie in colonialism. This significant inclusion builds on what climate and environmental justice campaigners have known for decades: power structures which serve profit over the planet come at the it is imperative that we centre justice, regeneration, and reparation in climate action.

CLICK

Arts and culture, including outdoor events, can help to lead the way, telling braver stories about the systems dictating how we live and the limitless possibilities for a better world. We need to work alongside scientists, activists, grassroots campaigners, frontline communities, youth, lawyers, farmers, architects, doctors, and policymakers to build creative, multifaceted and powerful movements for justice.

Find out more in Julie's Bicycle's Climate Justice Guide for the UK arts sector HERE

Read the Julie's Bicycle Team engagement guide HERE



For a comprehensive guide to carbon offsetting see report Putting a Price on Carbon (Julie's Bicycle, 2021).

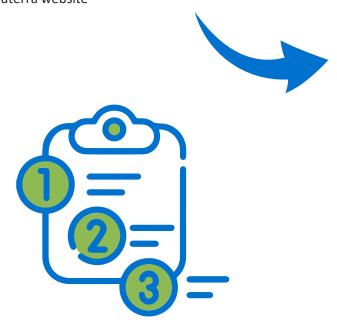


For more detailed guidance developed for arts and events organisations check out these two guides:

Julie's Bicycle Communications Guide



 Download and read "Sell the sizzle" on the Futerra website











# LEVELS AND ASSESSMENT CRITERIA



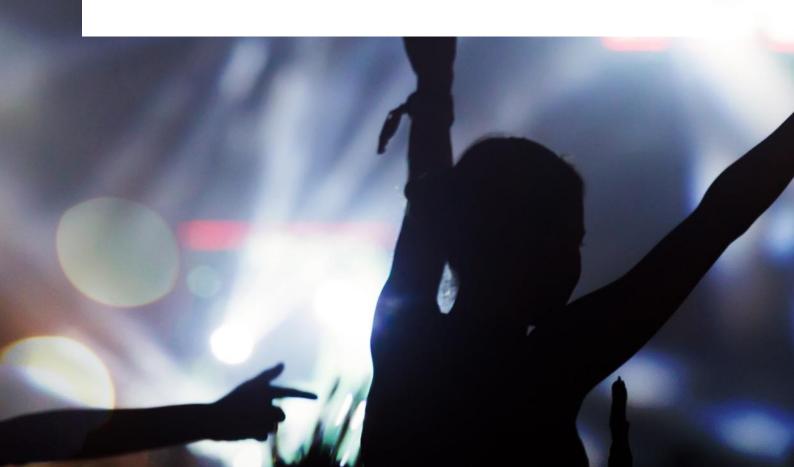


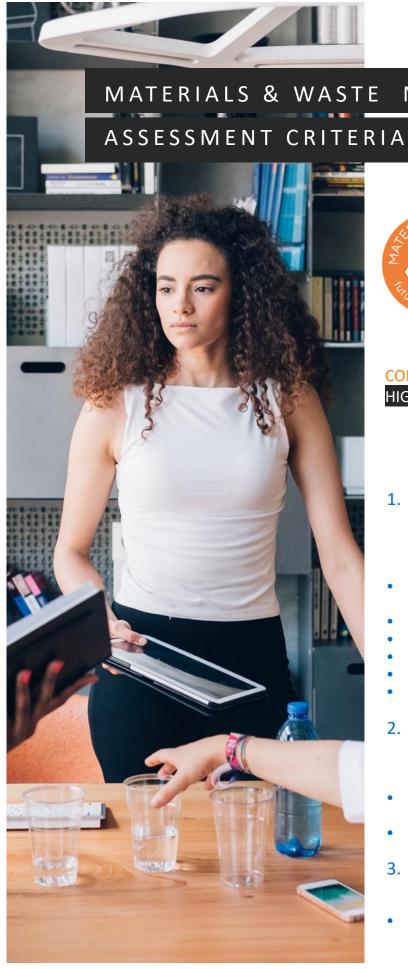


- Knowledge of emission measurement units: Ability to identify the standard unit for measuring emissions.
- CO2e
- kW hours
- Litres
- Understanding of generator efficiency: Ability to determine the threshold below which a generator becomes significantly less efficient.
- 90%
- 55%
- 20%

- Awareness of energy sources with lower emissions: Ability to identify the energy source with less emissions and transport emissions compared to other options at events.
- Grid connection
- Solar and wind generation
- Diesel fuel
- 10. Familiarity with power management hierarchy: Ability to recognise the top priority in the power management hierarchy.
- Alternative fuels
- Efficiency
- Prevention
- 11. Knowledge of energy demand reduction strategies: Ability to identify the measures that can help reduce energy demand at an event site.
- Switching to solar and wind energy
- Creating a culture of switching off when energy is not needed
- Putting fuel reduction targets in contract with energy provider

- **15.**Understanding of fuel wastage causes: Ability to recognise a typical reason for fuel wastage at events.
- Using LED lighting
- Not having accurate information about the amount of energy required in advance
- Larger audiences than expected
- 16.Competence in requesting energy reports: Ability to list the three key pieces of information to request in an energy report from a supplier to improve efficiency decisions.
- Total fuel consumption (litres)
- Generator runtime hours
- kW hours (grid connection)
- Type of generators







MODULE

- Knowledge of waste/resource categories: Ability to identify the main waste/resource categories in an event context.
- Production & decoration materials
- Foodwaste
- Food & drinks serving materials
- Printed paper
- Audience & Campsite materials
- Straws
- 2. Understanding of circular economy goals: Ability to recognise the primary aim of the circular economy.
- Eliminate waste and keep products in use
- Take, Make and Waste products
- 3. Familiarity with the 7 R strategy: Ability to identify the first step in the 7 R strategy.
- Rethink

- 4. Comprehension of the 7 R strategy order: Ability to correctly order the first four steps of the 7 R strategy.
- Answer: Rethink, Reduce, Reuse, Recycle
- 5. Knowledge of the last step in the waste 7 R strategy: Ability to identify the final, non-circular step in the waste 7 R strategy.
- Recover
- Awareness of sustainable cup choices:
   Ability to recognise the most sustainable choice between reusable and recyclable cups.
- Reusable cups, used at least 5 times
- Understanding of circular cup system success factors: Ability to identify the most important success factor for a circular cup system.
- Answer: return and recycling rate
- Knowledge of efficient methods to increase cup return rates: Ability to identify the most efficient method for increasing cup return rates.
- Return system (deposit/coins)
- Visitors voluntarily returning cups
- No system, collecting cups after the event will do
- 9. Awareness of impact factors for reusable cup systems: Ability to correctly order the impact factors for a reusable cup system.
- Washing facility transport return rate
- Return rate washing facility transport
- Understanding of bio-based and biodegradable alternatives: Ability to identify the characteristics and potential limitations of bio-based and biodegradable alternatives.
- Often end up in the incinerator because they are not recyclable or compostable
- Are always a sustainable option
- Do not contain plastics
- Prioritisation of food packaging choices:
   Ability to identify the best food packaging option to prioritise from a sustainability perspective.

- a. Single-use
- b. Reusable
- c. Biodegradable
- Knowledge of waste monitoring data requirements: Ability to recognise the necessary data for effective waste monitoring.
- a. Material/waste streams
- b. Processing methods
- c. both, material/waste streams and processing methods
- 13. Familiarity with commonly used materials:
  Ability to list the four most commonly used materials in an event context.
- Plastic (drink cups)
- Paper & cardboard (food packaging)
- Glass (wine) bottles)
- Wood (decoration )
- **14.** Awareness of the first step in a resource plan: Ability to identify the initial step in creating a resource plan.
- a) Assign a materials coordinator
- b) Production script
- c) Rethink, Reduce, Reuse, Recycle
- 15. Understanding of resource measurement:
  Ability to recognise what should be
  measured in relation to resources used at
  an event.
- a) Environmental impact of replaced materials
- b) Materials used at the event
- c) Materials used at the event and processing methods
- 16. Communication requirements for successful resource plan execution: Ability to identify the groups that need to be communicated with for effective resource plan implementation.
- a) Visitors
- b) Crew & volunteers
- c) Visitors, crew & volunteers





- 1. Understanding the Paris
  Agreement goals for meal
  emissions: Ability to identify the
  target average CO2e per dish
  globally to achieve the Paris
  Agreement goals.
- 0.5 kg CO2e
- 1 kg CO2e
- 1.5 kg CO2e
- 2. Knowledge of food environmental impact: Ability to recognise the food with the greatest environmental impact.
- Beef
- Cheese
- Nuts

- Familiarity with water consumption in milk production: Ability to identify the water consumption required for oat milk production compared to dairy and almond milk.
- 2000 litres
- 500 litres
- 150 litres
- 4. Awareness of transport and packaging emissions in food's carbon footprint: Ability to determine the significance of transport and packaging emissions when measuring a food's carbon footprint.
- Very significant (over 70% of emissions)
- Significant (between 50-60% of emissions)
- Not very significant (less than 15% of emissions)
- 5. Sourcing considerations for tea/coffee at events: Ability to recognise the key factor to consider when sourcing tea/coffee for an event.
- Picked in season
- Fairtrade certified
- Plant-based production
- Best practices for managing surplus food from events: Ability to identify the best approach to deal with surplus food at an event.
- Distribute to people in need via food banks and charities
- Make into animal feed
- Burn as waste
- 7. Encouraging meat-free meal choices: Ability to recognise the most effective practice for encouraging people to choose meat-free meals.

- List the option as 'meat-free'
- Use the term vegan
- Emphasise the health benefits of the dish
- Emphasise the look, feel taste and origin of the dish
- 8. Plant-based milk alternatives with minimum environmental impact: Ability to identify the plant-based drink with the least environmental impact compared to dairy milk.
- Oat Milk
- Soy Milk
- Almond Milk
- Sourcing considerations for vegetables:
   Ability to identify the factors to
   consider when sourcing vegetables for
   an event.
- a) Locally grown
- b) In season
- c) Grown without pesticides, antibiotics, or genetically modified organisms
- d) All of the above
- 10. Key sourcing policy for serving meat or fish at events: Ability to recognise the most important sourcing policy when serving meat or fish at an event.
- a) Ensure the welfare of the animals is guaranteed
- b) Ensure the product is certified Fairtrade
- c) Choose seasonal products

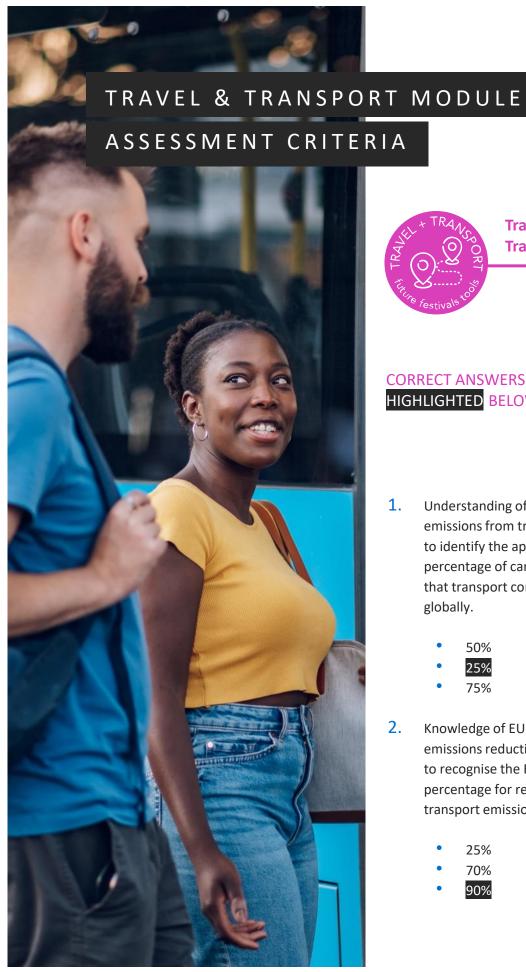




- Understanding of grey water: Ability to correctly define grey water.
- Water that has been used and is no longer safe to drink, but may be useful for another purpose on an event site.
- 2. Knowledge of water-saving potential of aerated shower heads: Ability to identify the percentage of water saved by an aerated shower head compared to a normal shower head.
- 10%
- 25%
- 549
- 750

- 3. Familiarity with water efficiency measures: Ability to recognise the measures that can be taken to increase water efficiency at an event site.
- Waterless system toilets,
- Reduced flush toilets,
- Non-concussive taps,
- Reduced shower opening times,
- Clear communication with the site and audience of water saving ideas
- Dedicated team responding to water leaks
- 4. Awareness of environmental impacts related to water provision at events: Ability to identify the associated environmental impacts of providing water at events.
- Packaging waste from bottled water sales
- Water stress in local area
- Transport emissions from tankered water
- Understanding of average water usage per person at a camping festival site: Ability to estimate the average daily water usage per person at a camping festival site.
- 1.25 litres
- 12.5 litres
- 125 litres
- Knowledge of compost toilets and water efficiency: Ability to explain why compost toilets contribute to water efficiency onsite.
- They are a waterless toilet system
- The waste is taken away from site and composted
- They don't use chemicals

- Requirements for a water contractor report: Ability to list the three basic elements that should be included in a report from a water contractor.
- Total Water usage onsite (litres or cubic metres)
- Estimate of the amount of coffee and tea consumed in production offices
- Amount of grey water tankered offsite
- Recommendations for future efficiency savings
- Choice of tap to avoid water waste: Ability to identify the type of tap that should be used onsite to help prevent water wastage.
- Non-concussive
- Concussive
- Concussion
- 9. Understanding of black water: Ability to correctly define black water.
- Water that contains poo & pee (human waste)
- Run-off water from showers
- Any type of water already used for a purpose
- 10. Best measure of an event's water efficiency: Ability to identify the most appropriate measure for assessing water efficiency at an event.
- Litres used per person per day
- Litres used per day
- Litres used per event





- 1. Understanding of global carbon emissions from transport: Ability to identify the approximate percentage of carbon emissions that transport contributes globally.
  - 50%
  - 25%
  - 75%
- 2. Knowledge of EU's transport emissions reduction target: Ability to recognise the EU's target percentage for reductions in transport emissions by 2050.
  - 25%
  - 70%
  - 90%

3. Matching goals with solutions for sustainable transportation: Ability to correctly match the goal with its corresponding solution for more sustainable travel.

#### (Answers 1A, 2B, 3C)

- 4. Awareness of emissions from audience travel at a typical greenfield festival in the UK: Ability to estimate the percentage of emissions that come from audience travel at a typical greenfield festival in the UK.
- 50%
- 10%
- **•** 80%
- Familiarity with the process of reducing emissions: Ability to correctly order the steps involved in measuring, planning, reviewing, and balancing carbon emissions.

#### • A, B, C, D

 Importance of information to gather regarding audience travel: Ability to identify the three most important pieces of information to collect about audience travel.

#### • A, B, C

7. Essential information to capture when collecting contractor vehicle mileage data: Ability to identify the additional information that is important to capture when collecting contractor vehicle mileage data.

#### • A

 Best time to inform audiences about low carbon travel alternatives: Ability to identify the most effective time to communicate with audiences about low carbon travel alternatives.

#### a) at point of ticket sale

- b) on site
- c) in the 'travel info' email
- Useful information for encouraging bicycle travel: Ability to list two pieces of information that would be helpful for attendees planning to travel to the event by bicycle.

- a) where the safe bike lock-ups are
- b) safe cycle routes
- 10. Proportion of people traveling by car to a typical greenfield event: Ability to estimate the proportion of attendees who travel by car to a typical greenfield event.
- <u>1/3</u>
- 2/3
- 2/4
- 11. Most available travel data for event organisers: Ability to identify which type of travel data event organisers generally have the most information on.

#### Audience travel (correct)

- Artists travel
- Contractor travel
- 12.OpenAir St. Gallen's promotion of train travel since 2014: Ability to recognise the method used by OpenAir St. Gallen to promote train travel to its audience.
- 1/ The site can only be reached by train
- 2/ 50% discount on train tickets
- 3/ Free t-shirt for train travellers
- 13. Most important consideration for offering EV charging at an event: Ability to identify the key point to consider when cutting the event's CO2 footprint if providing EV charging on site.
- 1/ Where the EV charging points are located
- 2/ EV charging should be with clean renewable energy
- 3/ Waiting times for car passengers
- 14. Most important element when reviewing the success of a plan to reduce travel emissions: Ability to recognise the most important aspect of evaluating the success of a plan to reduce travel emissions.

#### A. Measuring emissions

- B. Communicating your plan
- C. Identifying stakeholders





- Identifying the right party to lead an event's environmental strategy: Ability to recognise who should be responsible for leading an event's environmental strategy.
- a) The production team
- b) The on-site lead
- c) The senio management and board
- Determining the optimal duration for an environmental strategy to have significant impact: Ability to identify the recommended number of years an environmental strategy should cover to achieve a meaningful impact.
- a) The period covering your next event
- b) 1-2 years
- c) 3-5 years

- Understanding the first step in creating an environmental policy for an event: Ability to identify the initial step in the process of creating an environmental policy.
- a) Decide which activities and impacts to focus on
- b) Decide why sustainability is important to your organisation
- c) Identify your environmental data and current activity
- Defining an Environmental Policy: Ability to choose the most appropriate description of an Environmental Policy.
- a) A detailed plan for tackling environmental impacts
- b) A document providing a summary of your organisation's principles, environmental impacts and aims
- c) An annual report detailing environmental performance
- Identifying the best next step after creating and sharing an Environmental Policy internally: Ability to recognise the recommended next step following the creation and internal sharing of an Environmental Policy.
- a) Share your policy publicly to create an awareness of your aims
- b) Put the policy in a folder and forget about it
- c) Start to write an action plan
- 6. Recognising the importance of the "M" from the SMART acronym in creating an effective environmental action plan: Ability to identify the quality represented by the letter "M" in the SMART acronym for devising an environmental action plan.
- a) Measurable
- b) Monetised
- c) Marketable

- Knowledge of the most prevalent manmade greenhouse gas: Ability to identify the most common man-made greenhouse gas in terms of global warming.
- a) Carbon dioxide (CO2)
- b) Methane (CH4)
- c) Nitrous oxide (N2O)
- 7. Choosing the most appropriate definition of net zero: Ability to select the correct definition of net zero in the context of carbon emissions.
- a) Zero carbon is emitted
- b) Unavoidable carbon emissions are offset
- 8. Understanding the scope of emissions businesses are generally responsible for according to the Greenhouse Gas Protocol: Ability to identify the correct scope of emissions businesses are typically responsible for.
- a) Scope 1 & 3
- b) Scope 2
- c) Scope 1 & 2
- Categorising environmental impacts into the correct scope according to the Greenhouse Gas Protocol: Ability to correctly place environmental impacts into their respective scopes as per the Greenhouse Gas Protocol.
- Purchased electricity 2
- Audience travel 3
- Fuel for on-site power 1

10. Correctly ordering steps to create a hierarchy for reducing emissions: Ability to arrange the given steps in the proper order to form a hierarchy for reducing emissions.

#### [this is the correct order]

- Measure performance toward reducing emissions
- 2. Avoid
- 3. Reduce
- 4. Replace
- Offset
- 12. Applying tests to environmental communications messaging to avoid greenwashing: Ability to identify three tests that can be applied to environmental communications to prevent greenwashing.

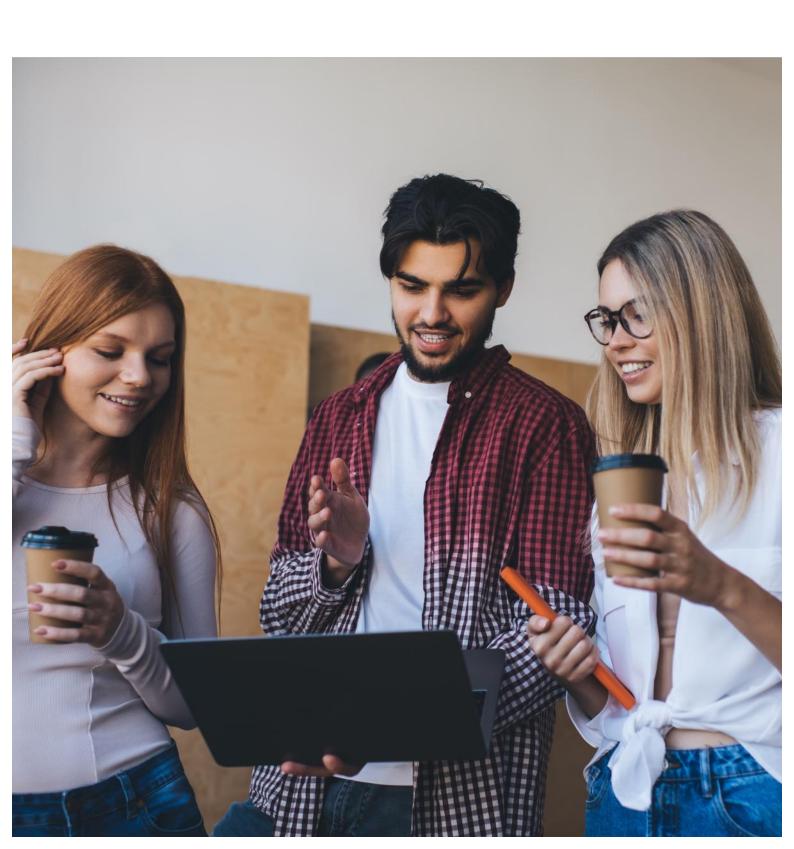
#### [this is the correct order]

- Measure performance toward reducing emissions
- Avoid
- Reduce
- Replace
- Offset
- 13. Properly assigning communication types for different groups in regards to environmental policy and action plan successes: Ability to correctly match the type of communication with the appropriate group when sharing environmental policy and action plan achievements.



GROUP	TYPE OF COMMUNICATION
Core/staff team and wider team	Company environmental policy & action plan
Suppliers (those that are relevant to deliver)	Annual sustainability focus session
Audience	Website, social media, newsletter, campaigns
Artists	Campaigns through booking agent

# KNOWLEDGE, SKILLS, AND ATTITUDES GAINED





#### **MODULE: ENERGY**

- Knowledge: Appreciation for diverse energy sources and awareness of their environmental impacts.
- Skill: Confidence in creating and implementing energy plans for sustainable events.
- Attitude: A proactive attitude towards reducing fossil fuel consumption at events.
- Knowledge: Recognition of the importance of energy measurement and reporting.
- Attitude: Mindfulness of effective communication with stakeholders regarding energy management.



#### **MODULE: MATERIALS & WASTE**

- Knowledge: Recognition of the materials hierarchy and the 7 R's to minimise waste at events.
- **Skill:** Commitment to reducing single-use plastics and foodware at events.
- Attitude: Accountability in managing material streams onsite to minimise waste.
- Knowledge: Awareness of the importance of waste management measurement and reporting.
- Attitude: Attentiveness to effective communication with stakeholders regarding materials and waste management.



#### **MODULE: FOOD**

- Knowledge: Sensitivity to the environmental impact of food choices and their carbon footprint.
- **Skill:** Ability to identify and promote sustainable food alternatives.
- Attitude: Dedication to reducing the environmental impact of food at events.
- **Skill:** Mindfulness in applying techniques to minimise food waste at events.
- **Knowledge:** Respect for certifications such as Fairtrade and ISO 20121.
- **Skill:** Critical evaluation of sourcing policies for meat, fish, and plant-based products.
- Attitude: Curiosity and openness to learn from case studies showcasing successful sustainable food practices at events.

#### **MODULE: WATER**

- Knowledge: Awareness of grey and black water management at events.
- Skill: Commitment to applying water efficiency measures to minimise water usage.
- Attitude: Responsibility in implementing strategies to prevent pollution on site and reduce environmental impacts.
- Knowledge: Interest in water-saving technologies, such as aerated showerheads and compost toilets.
- **Skill:** Attention to water contractor reporting and assessing water efficiency at events.
- Attitude: Eagerness to learn from case studies showcasing successful water management practices at events.

#### **MODULE: TRAVEL & TRANSPORT**

- Knowledge: Concern for the travel footprint of an event and its environmental impact.
- Skill: Motivation to develop strategies to reduce audience and production travel emissions.
- Knowledge: Openness to exploring and adopting sustainable transportation options and measures.
- Knowledge: Understanding the broader context, such as the EU's transport emissions reduction target and its implications for the events industry.
- Skill: Commitment to measuring and reporting travel emissions data.
- Attitude: Effective communication and persuasion skills to promote sustainable travel options to event attendees.

#### **MODULE: STRATEGY**

- Skill: Confidence in creating and implementing effective sustainability strategies for events.
- Knowledge: Comprehensive understanding of carbon, net sero, and offsetting in the context of event planning.
- **Skill:** Leadership in managing sustainability initiatives at events.
- **Skill:** Dedication to measuring and reporting on sustainability efforts.
- Attitude: Skillfulness in communicating sustainability goals and achievements to various stakeholders.





# ATTITUDES RELATED TO ENTRECOMP AND GREENCOMP FRAMEWORKS





#### **MODULE: ENERGY**

# ETHICAL AND SUSTAINABLE THINKING (ENTRECOMP):

- Knowledge: Appreciation for diverse energy sources and awareness of their environmental impacts.
- Skill: Confidence in creating and implementing energy plans for sustainable events.
- Attitude: A proactive attitude towards reducing fossil fuel consumption at events.

#### PLANNING AND MANAGEMENT (ENTRECOMP):

- Knowledge: Recognition of the importance of energy measurement and reporting.
- **Skill:** Developing and implementing energy management plans for events.
- Attitude: Mindfulness of effective communication with stakeholders regarding energy management.

#### **MOBILISING RESOURCES (ENTRECOMP):**

- Knowledge: Understanding the importance of resource allocation for sustainable energy management.
- **Skill:** Identifying and acquiring resources necessary to achieve energy goals.
- Attitude: A commitment to engaging stakeholders in energy management efforts.

# LEARNING THROUGH EXPERIENCE (ENTRECOMP):

- Knowledge: Familiarity with successful energy management practices and case studies.
- Skill: Applying lessons learned from past experiences to improve energy management in future events.
- Attitude: A willingness to continuously improve energy management strategies based on feedback and experience.

# ADAPTABILITY AND COPING WITH UNCERTAINTY (ENTRECOMP):

- Knowledge: Understanding the challenges and uncertainties associated with energy management at events.
- **Skill:** Adjusting energy plans and strategies to accommodate changing circumstances.

 Attitude: Embracing flexibility and resilience in the face of uncertainty in energy management.

# EMBODYING SUSTAINABILITY VALUES (GREENCOMP):

- Knowledge: Appreciation for diverse energy sources and awareness of their environmental impacts.
- Skill: Confidence in creating and implementing energy plans for sustainable events.
- Attitude: A proactive attitude towards reducing fossil fuel consumption at events.

# EMBRACING COMPLEXITY IN SUSTAINABILITY (GREENCOMP):

- Knowledge: Recognition of the importance of energy measurement and reporting.
- Attitude: Mindfulness of effective communication with stakeholders regarding energy management.

## ENVISIONING SUSTAINABLE FUTURES (GREENCOMP):

- Knowledge: Appreciation for diverse energy sources and awareness of their environmental impacts.
- Skill: Confidence in creating and implementing energy plans for sustainable events.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- Skill: Confidence in creating and implementing energy plans for sustainable events.
- Attitude: A proactive attitude towards reducing fossil fuel consumption at events.
- Knowledge: Recognition of the importance of energy measurement and reporting.
- Attitude: Mindfulness of effective communication with stakeholders regarding energy management.



#### **MODULE: MATERIALS & WASTE**

#### ETHICAL AND SUSTAINABLE **THINKING** (ENTRECOMP):

- Knowledge: Recognition of the materials hierarchy and the 7 R's to minimise waste at events.
- Skill: Commitment to reducing single-use plastics and foodware at events.
- Attitude: Accountability in managing material streams onsite to minimise waste.

#### **MOBILISING RESOURCES (ENTRECOMP):**

 Knowledge: Awareness of the importance of waste management measurement and reporting.

#### **BUILDING AND MANAGING RELATIONSHIPS** (ENTRECOMP):

Attitude: Attentiveness to effective communication with stakeholders regarding materials and waste management.

#### **EMBODYING SUSTAINABILITY VALUES** (GREENCOMP):

- Skill: Commitment to reducing single-use plastics and foodware at events.
- Attitude: Accountability managing material streams onsite to minimise waste.

#### EMBRACING COMPLEXITY IN SUSTAINABILITY (GREENCOMP):

- Knowledge: Recognition of the materials hierarchy and the 7 R's to minimise waste at events.
- Knowledge: Awareness of the importance of waste management measurement and reporting.

#### **ENVISIONING SUSTAINABLE FUTURES** (GREENCOMP):

Attitude: Attentiveness to effective communication with stakeholders regarding materials and waste management.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- Skill: Commitment to reducing single-use plastics and foodware at events.
- Attitude: Accountability in managing material streams onsite to minimise waste.

#### **MODULE: FOOD**

#### **ETHICAL** AND **SUSTAINABLE THINKING** (ENTRECOMP):

- **Knowledge:** Sensitivity to the environmental impact of food choices and their carbon footprint.
- **Skill:** Ability to identify and promote sustainable food alternatives.
- Attitude: Dedication to reducing the environmental impact of food at events.
- **Knowledge:** Respect for certifications such as Fairtrade and ISO 20121.
- **Skill:** ritical evaluation of sourcing policies for meat, fish, and plant-based products.

#### **CREATIVITY (ENTRECOMP):**

**Skill:** Mindfulness in applying techniques to minimise food waste at events.

#### **LEARNING THROUGH EXPERIENCE** (ENTRECOMP):

 Attitude: Curiosity and openness to learn from case studies showcasing successful sustainable food practices at events.

#### **EMBODYING SUSTAINABILITY VALUES** (GREENCOMP):

- **Knowledge:** Sensitivity to the environmental impact of food choices and their carbon footprint.
- Attitude: Dedication to reducing the environmental impact of food at events.
- **Knowledge:** Respect for certifications such as Fairtrade and ISO 20121.

#### **EMBRACING COMPLEXITY IN SUSTAINABILITY** (GREENCOMP):

Skill: Critical evaluation of sourcing policies for meat, fish, and plant-based products.

# NATER

## ENVISIONING SUSTAINABLE FUTURES (GREENCOMP):

 Attitude: Curiosity and openness to learn from case studies showcasing successful sustainable food practices at events.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- **Skill:** Ability to identify and promote sustainable food alternatives.
- Skill: Mindfulness in applying techniques to minimise food waste at events.

#### **MODULE: WATER**

# ETHICAL AND SUSTAINABLE THINKING (ENTRECOMP):

- Knowledge: Awareness of grey and black water management at events.
- Skill: Commitment to applying water efficiency measures to minimise water usage.
- Attitude: Responsibility in implementing strategies to prevent pollution on site and reduce environmental impacts.
- Knowledge: Interest in water-saving technologies, such as aerated showerheads and compost toilets.

# LEARNING THROUGH EXPERIENCE (ENTRECOMP):

 Attitude: Eagerness to learn from case studies showcasing successful water management practices at events.

#### PLANNING AND MANAGEMENT (ENTRECOMP):

• Skill: Attention to water contractor reporting and assessing water efficiency at events.

# EMBODYING SUSTAINABILITY VALUES (GREENCOMP):

 Attitude: Responsibility in implementing strategies to prevent pollution on site and reduce environmental impacts.

# ENVISIONING SUSTAINABLE FUTURES (GREENCOMP):

 Knowledge: Interest in water-saving technologies, such as aerated showerheads and compost toilets.  Attitude: Eagerness to learn from case studies showcasing successful water management practices at events.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- Skill: Commitment to applying water efficiency measures to minimise water usage.
- Skill: Attention to water contractor reporting and assessing water efficiency at events.

# EMBRACING COMPLEXITY IN SUSTAINABILITY (GREENCOMP):

- Knowledge: Awareness of grey and black water management at events.
- Skill: Commitment to applying water efficiency measures to minimise water usage.
- Attitude: Responsibility in implementing strategies to prevent pollution on site and reduce environmental impacts.

#### **MODULE: TRAVEL & TRANSPORT**

#### **SPOTTING OPPORTUNITIES (ENTRECOMP):**

 Knowledge: Concern for the travel footprint of an event and its environmental impact.

#### **CREATIVITY (ENTRECOMP):**

 Skill: Motivation to develop strategies to reduce audience and production travel emissions.

#### **VISION (ENTRECOMP):**

 Knowledge: Understanding the broader context, such as the EU's transport emissions reduction target and its implications for the events industry.

#### **VALUING IDEAS (ENTRECOMP):**

 Knowledge: Openness to exploring and adopting sustainable transportation options and measures.

# ETHICAL AND SUSTAINABLE THINKING (ENTRECOMP):

• **Knowledge:** Concern for the travel footprint of an event and its environmental impact.



- Knowledge: Understanding the broader context, such as the EU's transport emissions reduction target and its implications for the events industry.
- Attitude: Effective communication and persuasion skills to promote sustainable travel options to event attendees.

# EMBODYING SUSTAINABILITY VALUES (GREENCOMP):

- **Knowledge:** Concern for the travel footprint of an event and its environmental impact.
- Attitude: Openness to exploring and adopting sustainable transportation options and measures.

# ENVISIONING SUSTAINABLE FUTURES (GREENCOMP):

 Knowledge: Understanding the broader context, such as the EU's transport emissions reduction target and its implications for the events industry.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- Skill: Motivation to develop strategies to reduce audience and production travel emissions.
- **Skill:** Commitment to measuring and reporting travel emissions data.
- Attitude: Effective communication and persuasion skills to promote sustainable travel options to event attendees.

# EMBRACING COMPLEXITY IN SUSTAINABILITY (GREENCOMP):

- **Knowledge:** Concern for the travel footprint of an event and its environmental impact.
- Knowledge: Openness to exploring and adopting sustainable transportation options and measures.
- Knowledge: Understanding the broader context, such as the EU's transport emissions reduction target and its implications for the events industry.
- Skill: Motivation to develop strategies to reduce audience and production travel emissions.
- Skill: Commitment to measuring and reporting travel emissions data.
- Attitude: Effective communication and persuasion skills to promote sustainable travel options to event attendees.

#### **MODULE: STRATEGY**



#### **SPOTTING OPPORTUNITIES (ENTRECOMP):**

 Knowledge: Comprehensive understanding of carbon, net zero, and offsetting in the context of event planning.

#### **CREATIVITY (ENTRECOMP):**

 Skill: Confidence in creating and implementing effective sustainability strategies for events.

#### **VISION (ENTRECOMP):**

Skill: Leadership in managing sustainability initiatives at events.

## ETHICAL AND SUSTAINABLE THINKING (ENTRECOMP):

 Attitude: Skillfulness in communicating sustainability goals and achievements to various stakeholders.

#### TAKING THE INITIATIVE (ENTRECOMP):

 Skill: Dedication to measuring and reporting on sustainability efforts.

# EMBODYING SUSTAINABILITY VALUES (GREENCOMP):

 Skill: Confidence in creating and implementing effective sustainability strategies for events.

# EMBRACING COMPLEXITY IN SUSTAINABILITY (GREENCOMP):

 Knowledge: Comprehensive understanding of carbon, net zero, and offsetting in the context of event planning.

# ENVISIONING SUSTAINABLE FUTURES (GREENCOMP):

Skill: Leadership in managing sustainability initiatives at events.

#### **ACTING FOR SUSTAINABILITY (GREENCOMP):**

- **Skill:** Dedication to measuring and reporting on sustainability efforts.
- Attitude: Skillfulness in communicating sustainability goals and achievements to various stakeholders.

# FUTURE FESTIVAL TOOLS

GREEN COMPETENCY FOR EVENT PROFESSIONALS

