Jérôme Oppliger
jerome.oppliger@gadget.ch
Gadget abc Entertainment Group AG

# Feedback: European Green Festival Roadmap 2030

Based on the analysis I built our sustainability strategy on, I've gathered some critical insights that can be applied to this roadmap to improve its impact. Implementing these key takeaways will help achieve the Roadmaps goals efficiently and result in a helpful and focused guide:

◈ Prioritizing thematic areas based on their potential CO2 reduction, financial feasibility, and stakeholder engagement.

◈ Streamlining the actions listed in each thematic area to avoid repetition and provide clear, concise instructions.

◈ Highlighting the most important actions for each thematic area to help festival organizers focus on the most impactful measures.

◈ Suggesting additional beneficial actions that can further improve the roadmap's effectiveness.

Here are detailed descriptions of these key points:

## ◈ Prioritize thematic areas and actions:

**Rank thematic areas**: Assess the overall impact, financial feasibility, and stakeholder cooperation for each thematic area (Travel & Transport, Energy, Materials & Waste, Water, Food & Drink, Community & Biodiversity, and Strategy). Rank them according to their potential for achieving the set goals.

**Identify high-impact actions**: Within each thematic area, review the actions and determine their relative impact on CO2 emissions reduction and raising stakeholders' awareness. Focus on actions that are financially feasible and have a high likelihood of stakeholder cooperation.

**Prioritize actions**: Sort the actions within each thematic area based on their determined impact, placing the most important actions at the beginning of the list. This will help festival organizers to quickly identify and focus on the most effective actions.

**Highlight key actions**: Clearly highlight or emphasize the top-priority actions in each thematic area, so festival organizers can easily identify and prioritize them during planning and implementation.

When assessing and prioritizing sustainability actions and areas, it's crucial to consider CO2 Reduction Potential, Stakeholder Engagement Potential, and Financial Feasibility. These factors are important because:

1. CO2 Reduction Potential highlights the direct impact of sustainability initiatives on greenhouse gas emissions, helping to prioritize actions with the greatest potential to mitigate climate change.

2. Stakeholder Engagement Potential emphasizes the importance of collaboration and communication with all relevant parties, fostering a sense of shared responsibility and maximizing the effectiveness of sustainability efforts. Furthermore, engaging stakeholders can positively influence their future thinking and actions, leading to additional CO2 reductions over time.

3. Financial Feasibility ensures that the proposed actions are economically viable, enabling long-term implementation and success.

Jérôme Oppliger
jerome.oppliger@gadget.ch
Gadget abc Entertainment Group AG

The following table provides an estimation of the CO2 emissions reduction potential for each thematic area for European festivals, considering financial feasibility and stakeholder cooperation. The potential is ranked on a scale from 1 (low) to 5 (high), based on their estimated impact on CO2 emissions reduction, financial feasibility, and stakeholder engagement potential:

| Thematic Area | Estimated CO2 Reduction Potential | Financial Feasibility | Stakeholder Engagement Potential |
|---|---|---|---|
| **Travel & Transport** | Very High (5) | High (4) | Very High (5) |
| **Energy** | Very High (5) | Medium (3) | High (4) |
| **Materials & Waste** | High (4) | High (4) | Very High (5) |
| **Food & Drink** | High (4) | High (4) | Very High (5) |
| **Strategy** | Medium (3) | Very High (5) | Very High (5) |
| **Community & Biodiversity** | Low (2) | High (4) | High (4) |
| **Water** | Low (2) | High (4) | High (4) |

A detailed overview of the assumptions and calculations that went into this table can be found at the end of the document.

◈ **Provide clear and concise guidance for implementing prioritized actions:**

**Simplify instructions**: Review the prioritized actions within each thematic area and rephrase their descriptions, eliminating any redundancy or unnecessary information. Ensure that each action is presented in a clear, concise, and easily understandable manner.

**Break down complex actions**: For actions that involve multiple steps or components, break them down into smaller, more manageable tasks. This will make it easier for festival organizers to plan and execute each action effectively.

**Offer examples and case studies**: Provide real-life examples or case studies of successful implementation of prioritized actions at other festivals or events. This will help festival organizers understand the practical implications and benefits of each action, as well as any potential challenges or obstacles to consider.

**Include resources and tools**: Where applicable, include links to resources, tools, or templates that can assist festival organizers in implementing the prioritized actions. This can include energy calculators, waste management plans, or stakeholder engagement guides, for example.

In this way, the updated roadmap will provide festival organizers with specific instructions on how to effectively prioritize and implement sustainable actions. This will enable them to make informed decisions and maximize their sustainability efforts.

◈ **Encourage stakeholder engagement and cooperation:**

**Identify key stakeholders**: Clearly outline the various stakeholders involved in the organization and execution of the festival, such as attendees, staff, suppliers, artists, contractors, and local communities. This will help festival organizers understand who to engage with when implementing sustainability actions.

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**Emphasize stakeholder communication**: Include guidelines on how to effectively communicate with each stakeholder group about the festival's sustainability goals, plans, and progress. This can involve pre-event meetings, regular updates during the festival, and post-event debriefings, as well as utilizing various communication channels like social media, newsletters, and on-site signage.

**Promote collaboration and feedback**: Encourage festival organizers to actively seek input and feedback from stakeholders throughout the planning and execution process. This can involve setting up dedicated feedback channels, organizing focus groups or workshops, or inviting stakeholders to participate in decision-making processes.

**Share success stories and lessons learned**: Create a platform or forum where festival organizers can share their experiences, success stories, and lessons learned in implementing the prioritized actions. This will promote a sense of community and shared responsibility, as well as provide valuable insights to help other festivals improve their own sustainability efforts.

By incorporating stakeholder engagement and cooperation into the updated roadmap, festival organizers will be better equipped to create a more inclusive, collaborative, and effective approach to achieving their sustainability goals.


◈ **Prioritize monitoring, evaluation, and reporting of progress:**

**Set clear goals and Key Performance Indicators (KPIs)**: Encourage festival organizers to establish specific, measurable, and time-bound sustainability goals and KPIs that align with their prioritized actions. This will help them track their progress and ensure they are moving in the right direction.

**Develop a monitoring and evaluation plan**: Provide guidance on creating a comprehensive monitoring and evaluation plan that outlines how festival organizers will collect data, assess progress, and adjust their approach as needed. This may include assigning responsible parties, setting reporting schedules, and determining data collection methods.

**Establish reporting mechanisms**: Encourage festival organizers to develop clear reporting mechanisms, both internally (to staff and stakeholders) and externally (to the public and relevant authorities). This can involve creating progress reports, dashboards, or other visual tools to effectively communicate progress on the prioritized actions and overall sustainability goals.

**Promote continuous improvement**: Emphasize the importance of learning from the monitoring and evaluation process, using the insights gained to make data-driven decisions and update the festival's sustainability strategy as needed. This may involve adjusting actions, setting new goals, or exploring innovative solutions to further reduce $CO_2$ emissions and raise awareness.

By integrating monitoring, evaluation, and reporting into the updated roadmap, festival organizers will be better equipped to measure their progress, learn from their experiences, and continuously improve their sustainability efforts.

# Action Plan

I conducted a detailed revision for the Strategy, Travel & Transport, and Energy thematic areas, as they are deemed critical in achieving the highest potential for CO2 emissions reduction, stakeholder engagement, and financial feasibility. In-depth feedback on these areas is provided, with the aim of maximizing the impact on the overall sustainability efforts of European festivals.

For the other thematic areas (Materials & Waste, Water, Food & Drink, and Community & Biodiversity), a short list of the most important actions and guidance on implementation is provided, rather than a detailed revision. This approach is chosen to focus on offering some valuable input on the most relevant areas, while prioritizing revisions of the other thematic areas.

The revised action plans for the Strategy, Travel & Transport, and Energy thematic areas incorporate several key changes compared to the original versions, aiming to provide clearer guidance and focus on the most impactful actions. Here are the main adjustments made across all three areas:

1. The structure of actions was reorganized to create more concise and targeted lists, focusing on the most important steps for reducing CO2 emissions and improving stakeholder engagement.

2. Certain actions from the original plans were combined or simplified to avoid repetition and streamline the lists, ensuring a more efficient and goal-oriented approach.

3. New actions were added to address gaps in the original plans and further enhance the potential for CO2 reduction, financial feasibility, and stakeholder cooperation. Examples include involving stakeholders in the sustainability process and investigating grants or other funding sources for eco-friendly festivals.

4. Some actions from the original plans were omitted or integrated into other actions for improved clarity and focus, removing redundancies and refining the overall guidance.

By making these changes, the revised action plans prioritize actions with the highest potential for CO2 reduction while considering financial feasibility and stakeholder cooperation. The modified structure helps festival organizers easily identify and implement the most beneficial actions in the Strategy, Travel & Transport, and Energy thematic areas, ultimately leading to more effective and successful sustainability efforts.

## Strategy

**01** Develop a sustainability strategy and action plan.
- Define the scope and set goals for the areas you want to address.
- Use the European Green Festival Roadmap 2030 as a guide.
- Measure the current environmental impact to set a baseline.

**02** Stay informed about legal requirements.
- Keep an active register of local, national, and European legislation.
- Ensure compliance with all relevant permits and licenses.

**03** Evaluate environmental certification options.

- Consider independent certifications like AGF Certification, ISO 20121, ISO 14001, or EMAS.

**04** Involve stakeholders in the sustainability process.

- Engage with partners, suppliers, employees, performers, and visitors.
- Determine appropriate channels for information sharing and collaboration.

**05** Secure financing for sustainability initiatives.

- Allocate a separate budget for sustainability management.

- Investigate grants or other funding sources for eco-friendly festivals.
- Introduce 'Green Fees' or invest a portion of the festival's profits into external environmental and social projects.

**06** Communicate internally and externally about sustainability efforts.

- Engage with stakeholders pre-event, during, and post-event about the sustainability policy and action plan.
- Share good ideas with others through your website, social media, conferences, or interviews.
- Collaborate with local governments to find solutions to infrastructure gaps.

# Travel & Transport Action Plan

**01** Develop and implement a sustainable transport policy for all stakeholders.
- Prioritize low-carbon travel methods and avoidance of unnecessary journeys.
- Communicate the policy to staff, crew, talent, suppliers, and visitors.

**02** Promote eco-friendly transport options for visitors.
- Use the festival website, public advertisements, and social media to encourage low-carbon transport choices.
- Offer incentives for walking or cycling, such as reduced ticket prices, refreshments, and free showers.
- Provide safe and secure bike parking facilities and on-site bicycle repair services.

**03** Collaborate with public transport providers and arrange shuttle services.

- Negotiate partnerships to offer discounted or free travel for festival attendees.
- Organize shuttle services from major transport hubs to the festival site, using low-emission or electric vehicles where possible.
- Include public transport options in the admission ticket price.

**04** Encourage staff and crew to choose low-carbon travel options.

- Share information on public transport and promote carpooling through internal communication channels.
- Offer incentives for those who choose eco-friendly travel options, such as preferential parking, rewards, or recognition.

**05** Prioritize electric or hybrid vehicles for staff and crew transportation.

- Research available electric and hybrid vehicle rental options in the area.
- Use electric or hybrid vehicles in festival operations and transportation needs when possible.

**06** Collaborate with local suppliers to minimize transport-related emissions.

- Identify local suppliers that can provide necessary materials and services.
- Establish partnerships and prioritize their use to reduce transport emissions.

**07** Implement a car parking charge to fund sustainability initiatives.

- Introduce a parking fee for visitors who choose to drive to the festival.
- Communicate the purpose of the fee and invest the revenue in sustainability projects.

**08** Foster a culture of carpooling for visitors and promote carpooling platforms.

- Encourage festivalgoers to share rides to the event using dedicated carpooling platforms or social media groups.
- Offer incentives such as priority parking or reserved parking spaces for carpooling vehicles.

# Energy

**01** Develop and implement an energy management plan.
- Assess current energy consumption and set reduction targets.
- Involve all stakeholders (suppliers, artists, contractors, staff) in energy management.

**02** Monitor and optimize energy use.
- Install energy metering for all significant energy users, such as food stalls and stages.
- Regularly review energy consumption data to identify areas for improvement.

**03** Implement energy efficiency measures.

- Turn off lights and equipment when not in use.
- Use energy-efficient lighting, such as LEDs, both on stage and in other areas.
- Install motion sensors or timers for automatic lighting control.

**04** Collaborate with energy users to reduce consumption.

- Work with lighting companies to provide low-energy lighting options.
- Encourage food stall operators and other suppliers to adopt energy-efficient practices.

**05** Transition to renewable energy sources.

- Replace diesel-fueled generators with sustainable fuels or renewable energy generators, such as solar panels or wind turbines.
- Connect to the national grid using a green energy tariff.
- Consider investing in solar carports for permanent parking areas.

**06** Promote responsible electronic waste (e-waste) management.

- Purchase energy-efficient electronics and extend their lifespan with proper maintenance and care.
- Donate functional but unused electronics to reuse programs.
- Dispose of electronic waste in accordance with the EU WEEE Directive, ensuring safe collection, recycling, and recovery.

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jerome.oppliger@gadget.ch
Gadget abc Entertainment Group AG

# Further thematic areas

When revising the roadmap for the thematic areas of Materials & Waste, Water, Food & Drink, and Community & Biodiversity, it's crucial to focus on the factors that will have the most significant impact on achieving the goals of $CO_2$ emissions reduction, raising stakeholders' awareness of sustainability issues, and ensuring financial feasibility and cooperation.

For Materials & Waste, emphasizing waste reduction, recycling, and the use of eco-friendly materials is essential. The roadmap should provide clear guidance on implementing waste management plans, promoting recycling, and encouraging the use of sustainable materials among suppliers and vendors.

Water management should prioritize monitoring and reducing water consumption through water-saving technologies and practices. It's also important to promote responsible water usage among attendees by providing water refilling stations and communicating the importance of water conservation.

In the Food & Drink area, sourcing local and sustainable food and minimizing food waste are key factors. The roadmap should provide guidance on collaborating with local suppliers, prioritizing plant-based menus, and implementing practices to reduce food waste.

For Community & Biodiversity, engaging the local community and protecting biodiversity are vital. The roadmap should encourage collaboration with local businesses, organizations, and residents while also promoting local culture and heritage. It should also provide guidance on assessing the event's impact on local ecosystems and implementing measures to protect wildlife and promote biodiversity.

In addition to focusing on these specific factors, the revised roadmap should incorporate a holistic approach, recognizing the interconnectedness of these thematic areas. This will ensure that the most beneficial actions are taken across all areas, and resources are allocated effectively to achieve the desired sustainability outcomes.

The most relevant actions for each thematic include:

## Materials & Waste:

◈ Implement a waste reduction and recycling plan:

- Identify the types and sources of waste generated at the event and establish goals for waste reduction, recycling, and diversion.

- Provide recycling stations, clear signage, and educate staff, volunteers, and attendees about proper waste disposal practices.

◈ Opt for reusable and eco-friendly materials:

- Choose reusable, biodegradable, or recyclable materials for event supplies, decorations, and promotional materials.

- Encourage suppliers and vendors to adopt sustainable packaging and reduce plastic usage.

## Water:

◈ Monitor and reduce water consumption:

- Track water usage and establish goals for water conservation.

- Implement water-saving technologies and practices, such as low-flow fixtures, rainwater harvesting, and leak detection.

◈ Promote responsible water usage among attendees:

- Provide water refilling stations and encourage attendees to bring reusable water bottles.

- Communicate the importance of water conservation through signage and event materials.

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## Food & Drink:

◈ Source local and sustainable food:

- Work with local suppliers to provide seasonal, organic, and fair-trade food options.

- Prioritize plant-based menus to reduce the event's carbon footprint.

◈ Minimize food waste:

- Accurately estimate food requirements and implement practices to reduce food waste, such as food donation programs and composting.

## Community & Biodiversity:

◈ Engage the local community:

- Collaborate with local businesses, organizations, and residents to support the local economy and foster positive relationships.

- Promote local culture and heritage through event programming.

◈ Protect and enhance biodiversity:

- Assess and minimize the event's impact on local ecosystems and habitats.

- Implement measures to protect wildlife and promote biodiversity, such as native species planting and habitat restoration projects.

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# Thematic areas priorities & estimations

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| **Strategy** | Medium (3) | Very High (5) | Very High (5) |
| **Community & Biodiversity** | Low (2) | High (4) | High (4) |
| **Water** | Low (2) | High (4) | High (4) |

Here's a detailed overview of the assumptions and calculations that went into it:

1.  Travel & Transport

    - CO2 Reduction Potential (5 - Very High): Travel and transport contribute significantly to CO2 emissions in festivals. Encouraging sustainable transportation options like carpooling, public transportation, cycling, and walking can drastically reduce emissions.

    - Financial Feasibility (4 - High): Implementing sustainable transportation initiatives is generally cost-effective, as it often involves partnerships with public transport providers, incentivizing eco-friendly options, and promoting carpooling.

    - Stakeholder Engagement Potential (5 - Very High): Attendees are directly involved in this aspect, and festival organizers can use various communication channels to promote sustainable transportation options.

2.  Energy

    - CO2 Reduction Potential (5 - Very High): Energy consumption is another major contributor to CO2 emissions. Transitioning to renewable energy sources and implementing energy-efficient technologies can have a substantial impact.

    - Financial Feasibility (3 - Medium): Although the initial investment in renewable energy infrastructure and energy-efficient technologies might be high, the long-term savings and environmental benefits make it worthwhile.

    - Stakeholder Engagement Potential (4 - High): Stakeholders can be involved in decision-making and informed about the festival's energy management approach, highlighting the benefits of using renewable energy sources.

3.  Materials & Waste

    - CO2 Reduction Potential (4 - High): Reducing waste and improving material usage can lower the carbon footprint associated with production, transportation, and disposal.

    - Financial Feasibility (4 - High): Adopting a circular economy approach and waste reduction initiatives can be cost-effective in the long run, as it reduces material costs and waste disposal expenses.

- Stakeholder Engagement Potential (5 - Very High): Stakeholders can actively participate in waste reduction initiatives, and festival organizers can effectively communicate the importance of responsible material usage and waste management.

4. Food & Drink

- CO2 Reduction Potential (4 - High): The food industry is a significant source of CO2 emissions. Promoting plant-based diets, reducing food waste, and supporting local and organic food can help lower emissions.

- Financial Feasibility (4 - High): Implementing sustainable food initiatives might involve additional costs initially, but the long-term benefits outweigh these expenses.

- Stakeholder Engagement Potential (5 - Very High): Attendees, vendors, and suppliers can be informed and involved in sustainable food and drink choices, promoting awareness and cooperation.

5. Strategy

- CO2 Reduction Potential (3 - Medium): A well-crafted sustainability strategy can help streamline efforts in other thematic areas and provide a clear roadmap for CO2 reduction.

- Financial Feasibility (5 - Very High): Developing a strategy is mostly an investment in time and planning, with limited direct financial costs.

- Stakeholder Engagement Potential (5 - Very High): Stakeholders can be engaged in the strategy development process, ensuring their buy-in and commitment to sustainability initiatives.

6. Community & Biodiversity

- CO2 Reduction Potential (2 - Low): While community engagement and biodiversity preservation contribute to overall sustainability, their direct impact on CO2 emissions is relatively lower.

- Financial Feasibility (4 - High): Implementing community and biodiversity initiatives can be cost-effective, depending on the specific actions taken.

- Stakeholder Engagement Potential (4 - High): Involving local communities, authorities, and other stakeholders in sustainability efforts can increase awareness and foster cooperation.

7. Water

- CO2 Reduction Potential (2 - Low): Water management has a limited direct impact on CO2 emissions but remains an essential aspect.