

FIA
INTRODUCTORY
GUIDE FOR
SUSTAINABLE

**EVENTS** 





# **FOREWORD**

Dear President, dear Friend,

Sustainability is one of the major values and contributions the FIA brings to society. I am therefore happy to share with you an essential tool: "The FIA Introductory Guide for Sustainable Events".

Our Federation covers a large variety of events around the world and

we are dedicated to increasing our commitment to make them more environmentally friendly. Our community recognises the importance and urgency of taking stronger action towards reducing our overall impact on the natural environment and contribute to achieving the goals set out in the Paris Agreement. For the past several years, this priority



has been at the top of the FIA's agenda, along with road safety. Electric and hybrid cars are examples of the tireless effort that the FIA has made to create a living lab for the decarbonisation of the automotive sector.

This guide aims to help you take the first steps towards developing a successful sustainable event management system. Through the concrete and direct actions outlined here, we want to engage more Member Clubs and stakeholders in the FIA Environmental Accreditation Programme and in other environmental initiatives.

It is an educational and awareness-raising tool, designed to be as practical as possible. I hope it will be useful to you.

With best wishes,

**Jean Todt** FIA President

# **CONTENTS**





aramco



The FIA has endorsed sustainability as a key component of its governance and is committed to making environmental best practice part of its core culture. To that end, our Commission will drive forward projects that contribute to the future of sustainable Mobility and Sport."

Felipe Calderón, President, FIA Environment



INTRODUCTION	7
PURPOSE OF THIS GUIDE	8
BENEFITS OF SUSTAINABLE EVENTS	9
PRINCIPLES OF SUSTAINABLE MANAGEMENT	10
COMMUNICATION STRATEGY	13
KEY IMPACT AREAS	17
ENERGY USE AIR QUALITY & TRANSPORT WASTE MANAGEMENT WATER & BIODIVERSITY SUPPLY CHAIN SOCIAL RESPONSIBILITY	18 20 22 24 26 28
fia environmental initiatives	30
FIA ENVIRONMENTAL ACCREDITATION PROGRAMME	31
ADDITIONAL RESOURCES	32
REFERENCES AND FURTHER GUIDELINES SUPPORTING DOCUMENTS SUSTAINABLE SUPPLIERS	32 33 34



# **PURPOSE OF THIS GUIDE**



This manual aims to provide technical support and guidance to event organisers on how to identify simple and clear actions for improving the sustainability performance of FIA events, and align their working methods with the requirements of the FIA Environmental Accreditation Programme. It emphasises that small actions can lead to significant changes.

## / THE MAIN PURPOSE INCLUDES

- To guide the event organisers providing a simple and practical list of actions needed for the organisation of sustainable events
  - > Explanations of sustainability concepts
  - > Guidance for consistent environmental management
  - > Guidance for effective communication
  - > List of impact areas with specific targeted action
- To educate the event organizers on the environmental best practices and their implementation
  - > Disseminate the information on the pathway FIA is driven to take in respect to Environment and Sustainability
  - > Prove that the organisation of a sustainable event does not necessarily mean spending more money
- To support and promote a positive image of motor sport relating to the environment and showcase its commitment to continually making a difference

# BENEFITS OF SUSTAINABLE EVENTS

Organising sustainable events not only reduces their environmental impact but can also benefit the key stakeholders involved.

# REDUCED ENVIRONMENTAL IMPACT

- Fewer resources required and used (materials, natural resources, financial resources, catering)
  - Creating more with less
- > Reduced amount of waste generated
- > Reduced overall emissions ratio waste to
- Reduced potential contamination of land or water
- > Reduced overall event carbon footprint

# **1** ENCOURAGE INNOVATION

> Development of new products and services which are more sustainable

# 2 INCREASED COST SAVINGS AND IMPROVED MANAGEMENT EFFICIENCY

(OPTIMUM UTILISATION OF RESOURCES AND MINIMUM WASTE OF RESOURCES)

- > Small actions can lead to substantial changes
- 3 INCREASE POSITIVE PERCEPTION AND ACCEPTANCE OF MOTOR SPORT IN THE PUBLIC DOMAIN
  - > Raising environmental awareness and inspiring change
  - > Attracting sponsors to support the sustainable mission

# 5 BUILD STRONGER RAPPORT WITH SUPPLY CHAIN TO ACHIEVE COMMON GOALS

> Increasing credibility during the event

# DEVELOP A LEGACY WITHIN THE LOCAL COMMUNITY AND ENHANCE POSITIVE BRAND PERCEPTION

> Development and growth of local economy and business

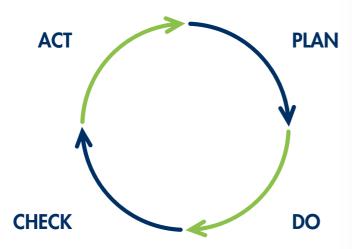
# PRINCIPLES OF SUSTAINABLE MANAGEMENT



#### / EVENT ORGANISATION

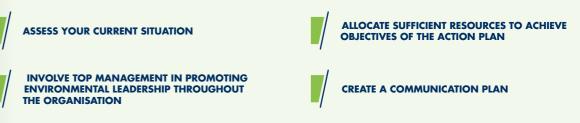
This chapter describes how to set up an efficient and robust management system, which will support the event organisers in achieving continuous improvements towards sustainable events. The event organisers shall establish, implement, maintain, and continually improve an event sustainability management system.

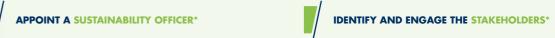
The event organization part provides the organisers with key principles, that they need to follow to set up an effective management system, focusing on delivering a sustainable event. The proper planning of facilities and services, requires a good estimation of the event size and the number of all the people involved, including stakeholders and spectators.



Environmental Management Plan

#### / KEY PRINCIPLES FOR PLANNING A SUSTAINABLE EVENT













#### \*THE ROLE OF THE SUSTAINABILITY OFFICER

For effective planning and implementation of sustainable objectives and actions, the organisers should assign a responsible person with responsibilities and credentials to enforce and manage the sustainable initiatives at the event, of which they should inform all the stakeholders of the event. The sustainability officer plays an essential role in the development and implementation of a management system. Creates new sustainability procedures and improves existing ones.

#### \*THE ROLE OF THE STAKEHOLDERS

By engaging stakeholders, you are raising the profile of the diverse groups contributing to the event, which will make the event more successful. Engagement makes it possible to inspire change and create legacy that will last long after the event.

FIA Introductory Guide For Sustainable Events

FIA Introductory Guide For Sustainable Events

FIA Introductory Guide For Sustainable Events



# **COMMUNICATION STRATEGY**



## / OBJECTIVES

- > Organise a safe, sustainable, and accessible motor sport event
- > Reduce the environmental impact of the event
- Spread awareness about sustainable motor sport and its impact on climate change
- > Achieve/ the FIA Environmental Accreditation for the event
- > Contribute to the FIA Environmental Strategy

# / KEY MESSAGES

- > Sustainable development is a high priority in all motor sport events
- Organisation of a sustainable event should ensure that the motor sport event works in a harmonious way with the environment
- > To be more sustainable motor sport event can implement actions in the main key impact areas: Energy, Transport & air quality, waste, Social responsibility, supply chain and Water& Biodiversity
- > The event serves to raise awareness about environmental issues and sustainable development.
- > The event is considering the environmental, social, and economic impact on the location

# **TACTICAL STEPS**

## / BEFORE THE EVENT

- > Announcement should state "XXXXX Sustainable Event"
- > Highlight the key sustainable focal points
- > Distribute action plans to the people responsible, with specific actions assigned to each person
- Communicate your sustainability strategy to all your stakeholders
- Meet with the drivers/teams/officials/ event organisers to ensure awareness and understanding of sustainable initiatives

- > Post information about the sustainable event, on the organizers' webpage
- > Announce if the event is accessible to everyone
- > Prepare social media posts with environmental focus
- > Choose a key message connected to sustainability
- > Produce the hashtag

# OURING THE EVENT

- Meet with the drivers/teams/officials/event organisers for sufficient share of required information regarding sustainable initiatives at the event Communicate the sustainable partnerships through various channels (website, social media, newspapers)
- > Post on social media with an environmental focus
- > Include the hashtag in all your posts.

- > Set up visible signs and visual representation of all your actions
- > Create a call for action video to spread awareness and educate the general public
- > Promote the chosen sustainability slogan
- > Create a map identifying the specific environmental locations of the event are. For example, recycling points, toilets, refuelling, water stations, etc.

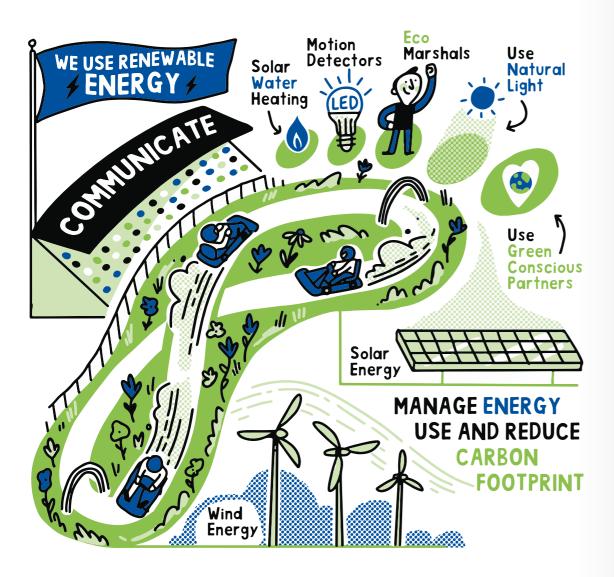
# AFTER THE EVENT

- > Prepare the evaluation report and include all sustainable and environmental actions both positive and negative
- > Debrief and Share what you have learned
- Include the achieved results and commitment in your speeches, interviews, and press releases.
- Communicate through all the channels whether the targets and objectives have been achieved and commit to continues improvement in the future



# **ENERGY USE**

Managing and reducing energy consumption not only saves money but also helps to improve the image and reputation of FIA and their events, by paying attention to the needs of the environment and climate change. The primary objective of energy management is to achieve and maintain optimum energy procurement and utilisation throughout the event, which may help minimising energy costs whilst balancing the effects both positive and negative on the environment.



FIA Introductory Guide For Sustainable Events

# General approach

- > Identify your energy sources, are they sustainable?
- > Identify your energy usage, how much, for what purpose?
- > Set reduction targets to reduce your energy consumption
- > Monitor your progress, have you reached your objective?

# **Key actions**

- > Use energy saving devices (LEDs, thermostats, motion detectors)
- > Choose energy conscious partners to help reduce emissions at the event
- > Choose a green energy supplier if possible
- Consider installing renewable energy sources (solar panels, solar water heaters etc.)
- Promote accommodation that complies with green energy standard, or national equivalents
- > Encourage everyone to switch off lights, thermostats or computers when leaving premises / facilities
- Rely on natural light and ventilation for heating/cooling systems whenever possible

# Communication

- > Your energy comes from a renewal source? Communicate it!
- > Share information about how participants can save energy
- > You have defined an energy reduction plan over a period of time. Report it.

19



Gather More info on how to choose a green energy supplier

Develop an Energy Management Plan

Calculate your carbon footprint, including the emissions related to energy use

FIA Introductory Guide For Sustainable Events

# AIR QUALITY & TRANSPORT @

Transportation is considered the primary contributor to an event's footprint as the event industry strongly relies on the mobility of goods and people. Promoting alternative modes of transport and ensuring that your event is accessible can drastically reduce the event's emissions footprint. In addition to carbon emissions, bigger events can cause disruption and congestion to local traffic, which may cause additional air quality issues. For the above reasons, event organisers should make sustainable transport means a more convenient option.



# **General approach**

- > Gather logistical information how much is shipped to the event and via which routes?
- > What trips can be reduced? The best trip is the one we do not have to make!
- How can the transport efficiency be improved?
- > Gather travel information how will people arrive at the event?
- > Consider a Logistics Manager

# **Key actions**

- > Review if it is possible to access the event by public transport
- Book accommodation close to the event and provide information on how to get from the hotel to the event using public transport
- > Encourage micro-mobility on and off siter: bikes, scooters, etc.
- > Make public transport/bikes the most convenient option to arrive at the event
- Consider organizing green transport if the event is taking place in a less accessible place
- > Issue tickets for the event that entitle their holders to free public transit rides
- > Avoid holding the event during peak congestion hours

# Communication

- > Promote the use of public transport social media, website posts, signs, etc...
- Indicate how people can access the event by foot, by bike, or by public transport
- > Increase awareness on air quality amongst stakeholders
- Show how much pollution participants can save using a more sustainable transport means
- Promote the use of electric vehicles and provide charging points where possible

21

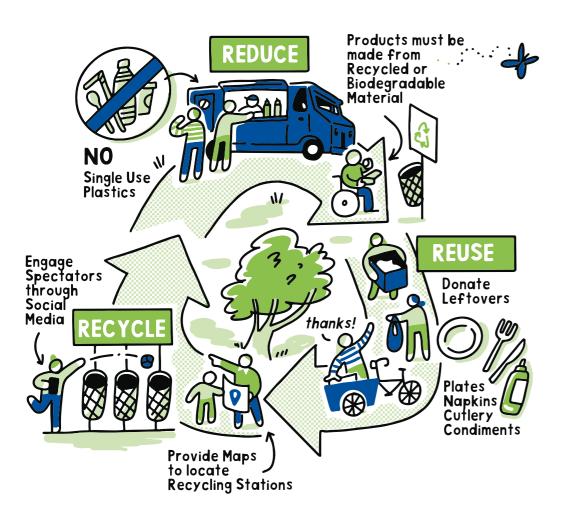


Calculate your carbon footprint, including the emissions related to transport

Once you have reduced what you can, offset your residual emissions, but **only** after looking at the options available.

# WASTE MANAGEMENT

Sporting events generate large quantities of waste, something which always raises concerns and challenges for the environment and local communities, as well as projecting a negative image to the public. It is also a great financial burden. The largest source of waste is usually generated by packaging, single-use products as well as promotional materials from partners and sponsors. The organiser needs to follow the international principle of **REDUCE, REUSE, RECYCLE** – the 3Rs – to minimise the amount of waste produced with the aim of achieving Vision Zero at sporting events. To ensure that this is efficiently managed, a plan should be developed to maximise potential and implement the desired waste reduction management plan.



# General approach

- What waste can be avoided?
- > Have you identified the main sources of waste?
- > Who is responsible for controlling the waste before, during and after the event?
- Has the waste management plan been created?
- How much waste is expected to be created? Set reduction targets, to minimize the waste

- Ensure there are enough bins for recycling dispersed around the event area
- > Reduce paper use to a minimum and encourage the use of technology
- > Establish recycling stations
- Order less food and serve smaller portions
- Protect areas where hazardous wastes can harm the environment
- > Contact the relevant authorities for the authorisation to manage waste properly and according to standards.
- > Donate leftover food, paper napkins, plates, condiments or decorations to local food banks and charities
- > Check with your suppliers for reusable branding or décor (whenever possible, do not add a date so you can reuse)
- > Distribute rubbish waste bags to spectators and organise a competition around recycling

# Communication

**Key actions** 

> Communicate the location of recycling stations in maps and visual signage

23

- Encourage spectators to recycle and dispose of waste correctly
- > Communicate the initiative on social media, the website, proper signs
- > Explain the rules of recycling
- > Engage spectators to act responsibly regarding waste

# WATER & BIODIVERSITY

Motor sport and other sporting events can potentially have a serious impact on the natural environment and harm local biodiversity, placing a high demand on natural resources such water, land, and forests. Maintaining quality drinking water, without which there is no life, is one of the central areas of sustainable development and the subject of fundamental intergenerational responsibility. Sporting events are large consumers of water and certain events (for example rural rally stages) can present a great danger to the quality of water supplies.



FIA Introductory Guide For Sustainable Events

# **General approach**

- > Set water reduction targets- How do you plan to reduce the water consumption?
- > Do the event participants have access to fresh drinking water, and how can they access it?
- > Does the event have a potential to harm or disrupt natural habitats?
- Have protected areas been respected and rules followed?
- > Did the event organisers prepare educational material regarding regional ecosystems and biodiversity

# Key actions

- > Protect any source of water (spring, river, lake, sea)
- > Identify areas that may be vulnerable and ensure their protection
- > Prevent any kind of leakage
- > Use reusable bottles and cups and encourage refilling them
- > Ensure environmental mats for ground protection
- Protect the soil from electricity generator leaks or any other possible oil/fuel contamination
- > Containers or tanks need to be placed on concrete level ground
- > Designate special areas for car washing
- Use biodegradable soaps
- Provide washing bays with concrete surfaces and proper drainage, preferably with an oil separator
- > Use leftover ice to water plants

# Communication

- > Communicate to the spectators that water should be used with care
- > Communicate the designated areas for car washing
- > In summary good signage must be used
- Raise public awareness about biodiversity
- Clearly Indicate water refill stations



Conduct an analysis of biodiversity in the area

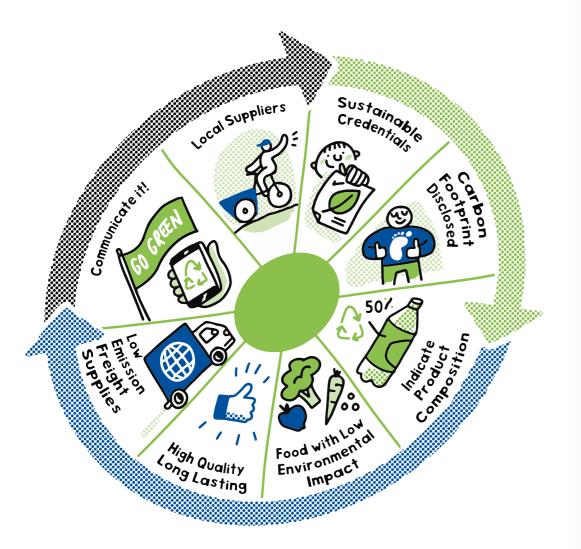
Test water potability

Generate funds for financing protected areas and heritage sites

FIA Introductory Guide For Sustainable Events

# **SUPPLY CHAIN**

One of the most effective ways of reducing the environmental impact of an event and showing the sustainable credentials is through the choice of the suppliers and sponsors. It is the area where the event organisers have the most influence and choice. The goods and services the organiser decides to buy, rent or license has an impact on the environment, people, and local businesses.



# **General approach**

- > Map your supply chain: what services/products are you looking for?
- > Communicate expectations: disclose a supplier code of conduct- How did you include sustainability as a key part of the selection criteria
- > Engage stakeholders: How will the suppliers be informed and involved in embracing the sustainable vision of the event?
- > How will you measure your success and improve the objectives in the future?
- Check environmental performance: Do they have any environmental accreditation themselves and if so, ask for their Environmental Policy.

  Ask for a copy of their environmental management system

# Key actions

- > Develop a pre-event and a post-event evaluation process to assess thevsustainability performance of your supply chain
- > Prioritise local suppliers over international ones, whenever possible
- > Use products with green labels or that are certified (see below)
- Only buy products that contain recycled material and whose packaging is fully or partially recyclable
- Only purchase from companies that disclose their carbon footprints, where
  or if possible
- > Switch from a product to a service
- Encourage food with less environmental impact: vegetarian, seasonal, locally sourced, local supplies
- > Select freight suppliers that operate low-emission fleets, optimise their transport, and compensate their carbon footprint

# Communication

- Communicate partnerships with sustainable suppliers and indicate what benefits do they contribute
- Communicate choosing products that are produced ethically and ecologically
- > Inform the suppliers how they can help you make the event more sustainable
- > Set and communicate clear expectations from suppliers



Develop a supplier code of conduct

Officially add sustainability as part of your selection criteria

Build the case to purchase goods that are more sustainable by calculating the total cost of ownership of your product



26

# SOCIAL RESPONSIBILITY

Economic and social elements are key components of sustainability. By using local businesses for services and supplies, event organisers can provide substantial support to the local economy. The organiser should always consider how their event can benefit local communities and what value the event brings to people's lives.



# General approach

- > How are you ensuring the positive image of the event at the local/regional level?
- > Did you consider involving local communities, businesses, and authorities to embrace your sustainable commitment?
- Does the event adhere to the championship regulations regarding noise control and its measures?
- > How are you ensuring continuous improvement of your event?

# **Key actions**

- > Follow the legislative requirements of the area and ensure your event fully complies with all health and safety requirements
- Make your event accessible to all and do not tolerate any discriminatory behaviour
- > Provide adequate safety equipment to people exposed to loud noises
- > Conduct sound level tests
- > Separate the loud noisy areas from other areas of the event
- > Hire local staff and purchase from local suppliers where possible
- > Involve the event host city's youth and senior citizens and local sports clubs as volunteers. Theme here is Caring About the Local Environment.

## **Communication**

FIA Introductory Guide For Sustainable Events

- Advertise the event in the local newspaper/magazine
- > Promote the local/regional sustainable actions
- > Give local groups the chance to gain exposure by involving them in your event and communication/publicity
- > Inform spectators about the use of responsible behaviour at the event, and a zero-tolerance policy for no compliance



Organise a "Girls on track" event, to promote female participation in motorsport and push for gender equality

<u>Create a side event dedicated to the children from the area (e.g.a workshop on motor sport, or environmental management, etc.)</u>

FIA Introductory Guide For Sustainable Events

28

# FIA ENVIRONMENTAL INITIATIVES



#### 1989

Creation of the FIA ALTERNATIVE ENERGY COMMISSION

## 2002

FIA becomes member of CLEAN FUEL AND VEHICLES Partnership

#### 2008

Launch of MAKE CARS GREEN campaign

#### 2009

Introduction of KERS - FIRST ENERGY RECOVERY SYSTEM

#### 2013

FIA ENVIRONMENTAL ACCREDITATION PROGRAMME

### 2014

Introduction of new HYBRID ENGINE Launch of FORMULA E

#### 2016

Launch of the FIA SUSTAINABLE MOBILITY PROGRAMME WRC makes FIA accreditation compulsory for all its championship events

#### 2017

Creation of the FIA ENVIRONMENTAL AND SUSTAINABILITY COMMISSION Implementation FIA SMART CITIES initiative

#### 2018

FIA supports Green NCAP programme

### 2020

Launch of FIA Environmental grant
FIA joins UNFCCC SPORTS FOR CLIMATE ACTION

#### / FIA ENVIRONMENTAL ACCREDITATION PROGRAMME

The FIA has developed a wider environmental accreditation framework aimed at increasing awareness of environmental management issues and providing guidance to motor sport stakeholders worldwide to measure and improve their environmental performance. By introducing clear and consistent environmental management into motor sport, it provides stakeholders with a three-level framework, against which to accredit their activities.

One-Star and Two-Star accredited stakeholders will be encouraged to progress toward the next level of accreditation.

The FIA's long-term objective is to bring all stakeholders on board through a continuous process, of raising collective awareness and improving overall understanding and environmental performance, balancing motor sport needs with the global ecosystem.

This guide has introduced you to the main principles of environmental management. Should your event be compliant with the key principles explained in this guide, you will be eligible for a Two-Star accreditation.

Please get in touch in order to start the accreditation process. The FIA Sustainability team will accompany you through the steps necessary to become eligible:

- > The formalisation of your commitment to an environmental policy.
- > The set-up of key objectives for relevant impact areas
- > The gathering of a key legal framework for relevant impact areas







## / CONTACT

www.fia.com/environmental-accreditation-programme
AFE@FIA.COM





# ADDITIONAL RESOURCES

#### / REFERENCES AND FURTHER GUIDELINES



## **SUSTAINABILITY:** The big picture

- IOC Sustainability Strategy
- IOC Sustainability Essentials
- IOC Sustainability Report 2020 Objectives
- IOC Sustainability Management in Sport
- IOC Sport for Climate Change
- UNFCCC Sport for Climate Action Framework
- The United Nations Environment Programme and the 2030 Agenda
- <u>IUCN Mitigating Biodiversity Impacts of Sports Events</u>
- <u>UN Sustainable Development Goals</u>
- 2030 Agenda for Sustainable Development
- Key planning recommendations for mass gatherings during COVID-19

#### CORE PRINCIPLES OF SUSTAINABLE EVENT MANAGEMENT

- FIM Guide for Preparing an Environmental Management Plan
- Guide to Developing an Environmental Management System Plan
- ISO 20121:2019 Event Sustainability Management Systems
- ISO 14001: 2015 Environmental Management Systems

#### KEY SUSTAINABILITY IMPACT AREAS KEY SUSTAINABILITY IMPACT AREAS

- Energy Efficient Outdoor Events Temporary Power
- Moving Towards A Climate Neutral Un
- Sustainable Mobility In Sports
- Guidelines For Developing A Mobility Plan
- Plastic-Game-Plan-For-Sport-Guide
- Unleash Your Waste
- Water Risk In Agricultural Supply Chains
- FISA Environmental Sustainability Policy & Guidelines
- Buying Responsibly
- Sustainable Sourcing In Sport

#### / SUPPORTING DOCUMENTS

The following templates have been prepared and are freely available upon request in order to support you in running a sustainable event



## Sustainable event action plan

Developing a sustainability action plan helps the organiser turn their vision into reality. It increases efficiency and accountability within the organisation. The action plan shows how and when the objectives will be met through concrete action steps. It is important to connect your action plan to your strategy, which will ensure you stay on track, in parallel with ensure compliance to FIA's Mission and Vision.



## Waste management plan

An effective waste management plan helps the organisers define where the waste comes from and how it will be handled. By establishing a plan, the organiser delivers a safer and more welcoming event for all involved.



# **Event sustainability report**

Creating a sustainability report helps the organisers understand and evaluate their sustainable performance. The report allows the organisers to communicate what they have learnt and what they can improve at their future events. A copy of this report should be sent to the FIA in order to track sustainable practices and encourage future assistance of all FIA event organisers.



AFE@FIA.COM



33

# / SUSTAINABLE SUPPLIERS

Using credible sustainability standards can be an easy way to improve sustainable procurement practices.

Examples of common suppliers' certifications and labels to look for:







Forest Stewardship Council

ISEAL Alliance

The EU Organic



Rainforest Alliance



Faitrade



Electronic Product Environmental Assessment Tool



Eco-Management and Audit Scheme



EU Ecolabel



Better Cotton Initiative





Please consider the environment before printing this document. If you must print, please print double-sided, black & white and on recycled paper. Thank you.