motorsport UK

Environmental Management System (EMS)

shmc
south hams motor club devon

- Reduce waste
- Save energy
- Protect wildlife, flora, and fauna
- Control air pollution
- Protect land from erosion
- Purchase responsibly

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Introduction

This document has been compiled to provide South Hams Motor Club (SHMC) with a practical and realistic Environmental Management System (EMS) which is based upon the FIA Environmental programme. This is aimed at helping increase awareness of environmental management issues within the motorsport community.

The FIA have set out the 7 core principles of environmental management, they are:

- Leadership & Organisation
- Objectives and Targets
- Communication, training and consultation
- Compliance
- Measurement & Monitoring
- Documentation and auditing
- Managing Environmental Impacts

The FIA have a Best Practice Environmental Framework which covers these ten environmental impact areas:

1. Energy use
2. Water use
3. Waste managements
4. Ground and water pollution control
5. Materials and design
6. Transport
7. Biodiversity and heritage
8. Noise
9. Air quality
10. Carbon management

The FIA envisage that, in the longer term, stakeholders who wish to conduct major motorsport activities will be required to be accredited against the framework. This remains voluntary but acknowledge that this can only hep with the future sustainability of our sport.

Chapter 1 – Environmental Benefits

Sports across all sectors and of all sizes can have a huge impact on the world around us with damage to the environment through waste, pollution, and general lack of duty of care and environmental awareness.

It is our responsibility not only to ensure the success and safety of our sport but also to minimise the **environmental** impact to the natural environment, **reduce** air pollution and noise, **control** energy consumption, reduce the use of natural resources, and reduce **waste** and refuse.

Environment & Sustainability Programme – Environmental benefits to SHMC	
Environmental Benefit	Benefit to SHMC
Waste reduction	Less waste makes a better operating environment Only buy what we need – saves money Take less time / energy to clear up post-event Reduce overall club carbon footprint
Reduction in air pollution	Cleaner air means better health and wellbeing for members and communities where we run events Complying with sporting and governmental regs. Supporting a better environment
Reduction in energy consumption	Reduces reliance on fossil fuels Using less energy helps decrease carbon emissions Use renewable energy if possible – improve public image
Protection of the natural environment, plants, trees, watercourses, animals, insects, fish.	Ensures a positive environment for future events Continued regulatory compliance Supports positive relationships with the local community. EG. Dartmoor National Park Authority and Dartmoor Commoners.
Recycling and use of recycled materials	Reduces pollution / conserves resources / saves energy / potential cost savings Ensures compliance of regulations Engage club members on new and innovative ideas Presents a positive public image

Responsible waste-tyre management	Positive reputation with the communities where we run event Ensures compliance with regulations
Reduction in pollution to land (fuel spills, etc.)	Ensures land / venues remains in use for years to come Supports a positive relationship with the communities where we run our events Helps meet regulatory requirements
Reduction in land erosion	Ensures land / venues remains available for years to come Supports a positive relationship with the communities where we run our events Helps meet regulatory requirements
Noise reduction	Supports a positive relationship with the communities where we run our events Good for health and wellbeing Helps retain routes for future events Regulatory requirements
Improvement in public image	Supports a positive relationship with the communities where we run our events – especially helpful when conducting "PR" for our night navigation rally events Ensures sustainability of our sport May help attract new members and sponsors
Verification of compliance with environmental legislation	Supports a positive relationship with the communities where we run our events – especially helpful when conducting "PR" for our night navigation rally events Helps to maintain routes / venues for future use
Minimise financial losses and reduce costs	Ensures the future of the club Be mindful of all purchases – don't waste money.
Have in place a programme of continuous improvement	Supports a positive relationship with the communities where we run our events Cost savings can be maximised Reduce future risks of harming the environment Show how we are managing sustainability to our members / stakeholders

Chapter 2 – Organisation Structure

Top level commitment is essential for the success of the Environmental Management System. The Club President generates the vision for this EMS

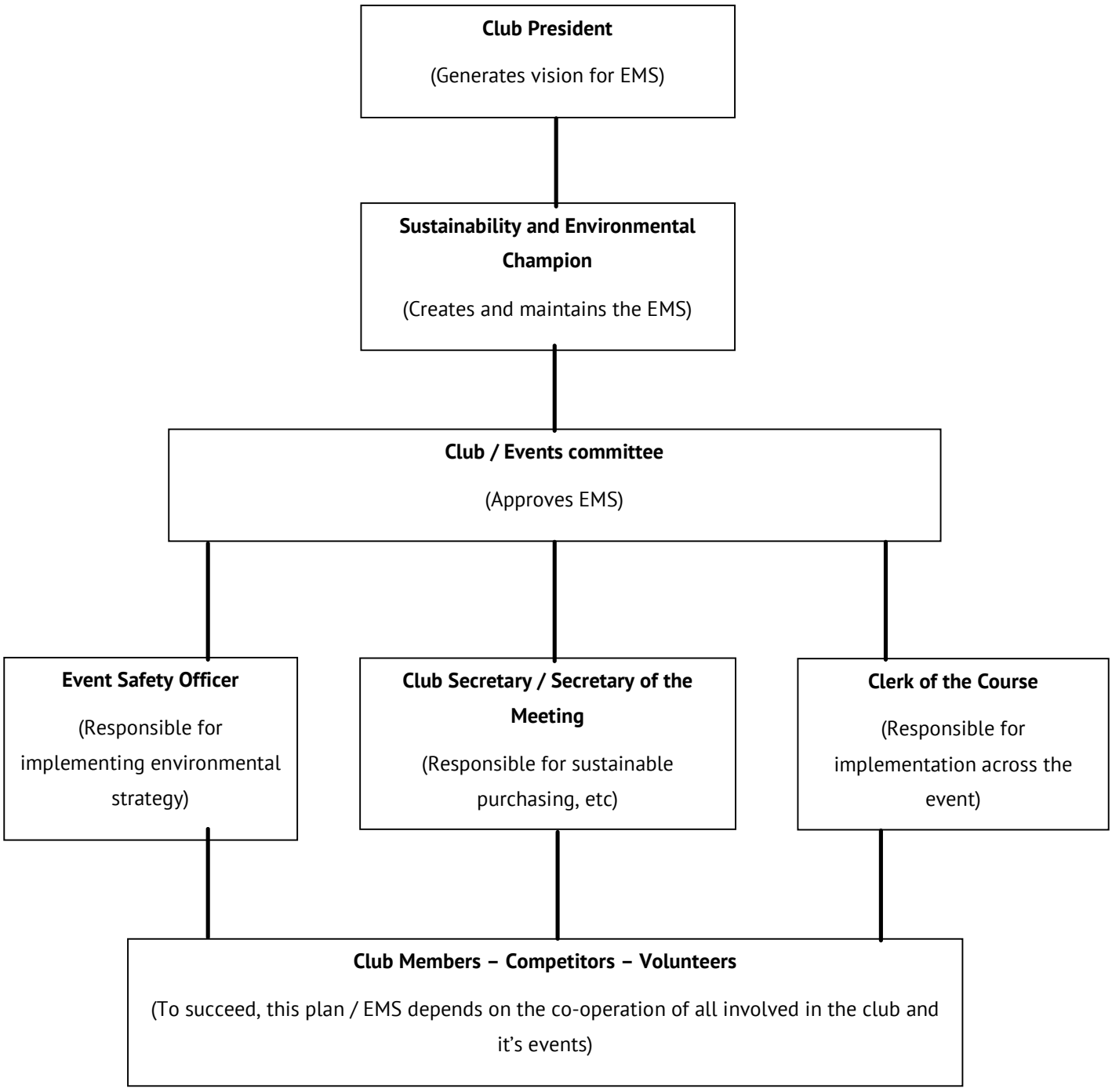
The Club's Environment and Sustainability Officer is the designated Environmental Champion, they will be responsible for the identification and implementation of key environmental initiatives. The Environmental Champion will be responsible for ensuring that the environmental management system (EMS) is in place, that it continues to be practical and realistic, and to ensure that top team/club committee know what is happening in order that they can reset priorities, adjust resources, and amend plans as necessary.

In addition, specific roles will be allocated to assist the 'Champion' in the execution of their duties.

Structure layout on next page.

South Hams Motor Club

Organisation Structure



Chapter 3 – Policy Statement

Environment & Sustainability Programme – Policy Statement
South Hams Motor Club is a motor club in the southwest of England affiliated with Motorsport UK. Our primary activities are rallying and autocross. South Hams Motor Club is committed to protecting the local and global environment as impacted by its activities, events, and actions.
To minimise environmental impacts and to promote sustainability we will: • Comply with applicable legal requirements which relate to our environmental aspects. • Include the consideration of environmental issues in our club/events strategies and initiatives. • South Hams Motor Club senior management are committed to ensure that protection of the environment is firmly embedded in the culture of the club/event. • Prevent pollution, reduce waste, and minimise the consumption of resources. • Consider the wider global impact of all our activities including those of our suppliers and sub-contractors • Educate, train, and motivate our teams, competitors, officials and volunteers to be environmentally responsible. • Take action to prevent pollution, protect the ecosystem, biodiversity, management of natural resources, wildlife, and ancient species. Encourage and enhance biodiversity and ecology. • Implement an energy conservation policy. • Control waste materials and seek opportunities for waste minimisation and recycling. • Control of the use of toxic substances • Control of human activities to ensure protection of the environment • Practice responsible resourcing. • Recognise our commitment to the Motorsport UK Environmental Sustainability Programme The South Hams Motor Club is committed to continual improvement in environmental performance. This policy will be communicated to all club members, competitors, officials, marshals, contractors, and suppliers. It will be published on the motor club website www.shmc.co.uk
Signed Date *Andrew Bulpin* - Club President 25 October 2025
Updated and amended: Signed *Andrew Bulpin* - Club President Date 3 November 2026

Chapter 4 – Environmental Interactions

Environment & Sustainability Programme – Environmental Laws to consider	
Relevant Legislation	Action of relevant legislation
Motorsport UK Environmental Strategy /Policy	Ensure club activities align with Motorsport UK's environmental goals and policy commitments.
Club Constitution	Incorporate environmental responsibilities within the constitution to reinforce compliance.
Motorsport UK Regulations (NCR: National Competition Rule, including regulations around Rally liaison officers and forestry liaison officers).	Adhere to specific regulations related to rallies and autocross, including noise testing, oil spill management, and waste disposal.
Sustainability Rally Charter	Follow the guidelines for sustainability and sign the charter.
Sustainability Policy	Develop and implement a policy tailored to our club's environmental goals and practices.
The Waste (England and Wales) (Amendment) Regulations 2011	Manage and dispose of waste responsibly, ensuring compliance with amended regulations.
Environment Act 2021	Ensure compliance with all environmental improvement targets and regulations outlined in the Act.
Duty of care	Maintain a robust system for waste management and environmental protection as per legal obligations.
Hazardous Waste Regulations 2005	Safely manage, store, and dispose of hazardous materials, maintaining appropriate records.
The Waste Electrical and Electronic Equipment Regulations 2013	Dispose of electronic and electrical waste in compliance with WEEE regulations.
FIA and Motorsport UK Regulations on Sustainable Fuel	Ensure all fuels meet FIA and Motorsport UK sustainability standards.
Venue Guidelines and Contract Adherence	Comply with venue-specific, EG RRH Portreath, environmental requirements and contractual obligations
Health & Safety at Work Act 1974	Integrate health and safety practices with environmental considerations during club activities.
Climate Change Act 2022 (Northern Island)	Support and adhere to measures targeting carbon reduction and climate resilience.
The Water Resources Act	Prevent water pollution and ensure the sustainable use of water resources at events.

Chapter 5 – Environmental Aspects and Impacts

One of the most important elements when of an Environmental Management System is the recognition of the way SHMC activities impact on the environment. This is a form of environmental assessment, which follows a similar pattern to a health & safety assessment in the identification of hazard and risk.

Environment & Sustainability Programme – Environmental Aspects & Impacts						
No.	**Activity, Service, Product**	**Environmental Aspect**	**Environmental Impact**	**Level of Impact on the environment**		
				High	**Med**	**Low**
1	Competition	Burning fossil fuels (petrol and diesel)	Creation of carbon emissions		YES	
2	Competition	Air pollution at events	Negative impact on air quality and noise			YES
3	Re-fuelling	Potential for leakage or spill	Contamination of soil and ground water		YES	
4	Noise	High decibel levels from engines	Impact on local community		YES	
5	Lights	Powerful headlights on night rallies	Impact on local community			YES
6	Signage	Large amount of signage or event materials being produced	Increases scope three emissions Increase waste potentially			YES
7	Tyre usage	Potential for improper disposal	Too much waste to landfill			YES
8	Committee meetings	Vehicle Emissions from committee members attending	Creation of carbon emissions			YES
9	Social events	Groups of people travelling for the events	Creation of carbon emissions			YES
10	Off-road activities / Autocross	Damage to flora and fauna	Negative impact on biodiversity		YES	
11	Service crew / activities	Generators or equipment required to support the competitor	Increased waste potential and emissions from generators			YES
12	Travel to/from events by car/van	Burning fossil fuels (petrol and diesel)	Creation of carbon emissions		YES	

Chapter 6 – Desired State of Sustainability

We aim to become a net zero motor club, with clear evidence of our efforts to measure and reduce emissions, which we can proudly share with our stakeholders. Our club will attract a steady flow of new members, and we will foster strong connections with the local community, who actively support our events. Our events will be recognised for their positive environmental impact, with few complaints, and we will be known for setting the standard in sustainable motorsport.

Here is South Hams Motor Club's full statement:

The Path to Becoming a Net Zero Motor Club

Our Vision of Sustainability and Community Engagement

Our Commitment to Net Zero

We are steadfast in our pursuit to become a net zero motor club. This commitment stems from our recognition of the urgent need to address climate change and align with the global transition to sustainability. To achieve this, we are dedicated to measuring and reducing our emissions comprehensively. Transparency will be central to our approach, enabling us to share evidence of our progress confidently with stakeholders and demonstrate our genuine efforts in combating environmental challenges.

Attracting New Members to a Sustainable Club

Our vision extends beyond environmental impact; we aspire to create an inclusive and dynamic community. By establishing ourselves as leaders in sustainability, we aim to draw a steady flow of new members who are passionate about motorsport and share our values. Our commitment to eco-friendly practices will be a distinguishing feature, making membership in our club a source of pride and mutual purpose.

Strengthening Local Connections

An integral part of our journey involves cultivating strong relationships with the local community. We envision a vibrant partnership where the community actively supports our events and engages with our mission. By prioritising accessibility and inclusivity, we aim to create opportunities for collaboration, allowing local residents to feel invested in our club's success and environmental stewardship.

Recognising Positive Environmental Impact

Our events will stand out for their positive environmental influence. We are committed to embedding sustainable practices into every aspect of event planning and execution, from energy-efficient operations to waste reduction strategies. Through careful management and innovative approaches, we will minimise complaints while maximising our contribution to environmental conservation. Our reputation will be built upon the tangible benefits our activities bring to both motorsport and the planet.

Setting the Standard in Sustainable Motorsport

We aspire to lead by example and establish a benchmark for sustainability in motorsport. This means pushing boundaries, innovating, and consistently improving our practices to inspire other clubs and organisations. By fostering a culture of environmental responsibility and showcasing the feasibility of sustainable motorsport, we will pave the way for broader industry transformation.

Conclusion

Achieving our goal of becoming a net zero motor club requires dedication, collaboration, and innovation. By aligning our environmental ambitions with community engagement and member inclusion, we aim to transform our club into a beacon of sustainability. As we continue on this journey, we look forward to sharing our progress and celebrating the milestones that will define our legacy in sustainable motorsport.

Chapter 7 & 8 – Action on Aspects and Impacts: Goals, Objectives & Action Plan

Environment & Sustainability Programme – Goal
Our overall goal is to minimise the environmental impact to the environment, reduce air pollution and noise, control energy consumption, reduce the use of natural resources and reduce waste from all of our activities.

Environment & Sustainability Programme – Action Plan					
Environment Impact objective	**Specific Objective**	**Target. Measurable Achievable Realistic**	**Owner Capable Available**	**Start date**	**Finish Date**
Reduce waste	Eliminate unnecessary paper from event	No paper to be used by 2027 (unless required by regulations)	Event Secretary	January 2026 (Already started)	December 2027
Reduced emissions (competition)	Incentivise competitors to use a sustainable fuel by providing extra points for sustainability efforts in our (stage rally) events	50% of competitors using sustainable fuel by the end of 2028	Committee / Chair	January 2026	December 2028
Reduced emissions (event)	Encourage Marshals to car share	Reduce Marshal travel emissions 20% by 2027 based on a 2025 baseline	Environmental Champion	November 2025	December 2027
Increased awareness and education	All committee members to complete Motorsport UK's Environmental Module	100% completion record by February 2026	Chair	October 2025	February 2026

Support relationship with local community	Regular community liaison work to include action on environment	Update website to include information on sustainability that is shared with all key stakeholders in 2026	Environmental Champion	October 2025	December 2026

Chapter 9 – Action Already Undertaken

Environment & Sustainability Programme – Action already undertaken
1) Our compliance with Motorsport UK regulations has helped us keep noise levels to a minimum. 2) By reducing printed materials and transitioning online, we are actively supporting our commitment to waste reduction. EG. In 2025 our monthly magazine has moved from print/mail to online delivery / PDF for most members. 3) We returned to the tree planting scheme in 2022 (started in 2009) as part of our efforts to offset carbon emissions and reduce our impact on the environment. The Club has engaged with South Brent based charity MOOR TREES who are proud to be more than just tree planters – they are restoring entire landscapes, creating thriving habitats and sequestering carbon for generations to come. Our club's support doesn't just plant trees, it nurtures hundreds more, ensuring a vibrant, biodiverse future for Dartmoor. 4) We have communicated our sustainability strategy to stakeholders to keep them informed and engaged. 5) We have utilised Motorsport UK's carbon calculator to establish a baseline for the emissions from our events. 6) The club website is hosted on a server powered with "green energy".

Chapter 10 – Communication Plan

Environment & Sustainability Programme – Communication Plan				
Communication	**Audience**	**How does this support you to spread your message**	**Frequency**	**Owner**
Club Website	All stakeholders (members and potential members, public, Motorsport UK, competitors)	Editable digital channel, that allows us to promote our environmental policy, strategy and actions and provide regular updates.	Whenever relevant, annual update of policies	Webmaster / Editor
Chequered Flag – club magazine	Club members - those that have signed up to receive it, includes competitors and volunteers.	Allows us to showcase specific achievements such has achieving MotorsportUK's sustainability accreditation	Monthly	Editor - checking with the environmental champion
Social Media - Facebook	Club members plus all those that have followed to receive it, includes competitors and volunteers and residents with an interest in our club.	Event and weekly specifics such as incentives, training available and guidance before events	As required / relevant	Facebook Administrator - checking with the environmental champion
Events	Individuals in attendance at our events	In pre or post event material or signage / posters at events	Whenever relevant	Event Secretary - checking with the environmental champion
Word of mouth (conferences, panels etc)	Invited attendees / those present	Through trained individuals explaining our sustainability work or via presentation	Whenever relevant	Committee or environmental champion / sustainability lead
Meetings	Committee members / those attending	More one on one time or small groups enable us to go into more detail on our strategy	Whenever relevant	Environmental champion / sustainability lead

Other Areas to Consider:

Monitoring and Measuring to Achieve Objectives and Monitor Performance

Once we have the action plan in place the next step is to monitor and measure the progress and level of performance towards reaching the goals, followed by an evaluation of the results to determine if the planned programme is working and if not, to consider the potential causes and identify solutions.

There are six steps to the decision process:

1. What needs to be monitored and measured e.g. waste?
2. What methods are to be used for the measurement e.g. quantity or using bills?
3. When the measurements will take place e.g. monthly, annually?
4. When will the results be analysed e.g. quarterly?
5. Who will make the evaluation of the results, e.g. the environmental team?
6. How will the results be communicated, e.g. by meeting / email?



Continuous Improvement in environmental performance.

The previous chapters have identified the stages in the Motorsport UK Environment and Sustainability Programme as it is being rolled out to member clubs and events. All these processes, and the 'Plan Do Check Act' approach, lead to the opportunity for continuous improvement, as generally, all of the environmental issues cannot be resolved immediately.

An important part of continuous improvement is checking by auditing, either internally or by external auditors to measure how the organisation is performing against the standard.

This is normally in three phases:

- Preaudit activity- pertaining to collection of information.
- Activity at the location pertaining to evaluation of information collected.
- Post audit activity pertaining to drawing conclusion and identifying areas of improvement if any.

A simple cycle of continuous improvement is a loop of four stages as in the example below:

1. Identify the opportunity for improvement, e.g. increase waste recycling by 5%?
2. Plan how the current arrangements can be improved, e.g. by greater segregation of waste?
3. Implement the changes e.g. by providing more bins for waste segregation?
4. Review how the change is working, e.g. by monitoring the waste segregation streams on a regular basis?

This document has been developed with the help of Motorsport UK

https://www.motorsportuk.org/about-us/environmental-sustainability/

