

Dorna Sports S.L.  
2022

DORNA




# ISO 20121 Sustainability Report



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In order to pursue continuous improvement, you are invited to provide feedback on any suggestions, improvements and/or comments regarding the contents of this sustainability report to the following email address: [esg@dorna.com](mailto:esg@dorna.com)

# FOREWORD

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During 2021, Dorna Sports S.L. launched its **2021-2024 Sustainability Strategy**, in alignment with company values and inspired by the values of the FIM MotoGP™ World Championship, naming it **Racing Together**. The strategic plan is divided into three main areas related to aspects of sustainability: people and culture, commitment to community, and environment.

Dorna's sustainability strategy was designed with the goal of integrating the commitment towards **sustainable development** with the 360° approach to event management already in place, which applies to all departments of the organisation. With the aim of improving environmental compatibility, social and economic impact, Dorna has undertaken a review of company processes in relation to the activities involved with the FIM MotoGP™ World Championship and the FIM MotoE™ World Cup, additionally to establishing clear, company-wide sustainability goals.

As part of the Racing Together sustainability strategy, Dorna Sports has decided to **extend to its commitment to sustainability in motorsport**, through the design and implementation of a **sustainable management system as organisers of the FIM MotoGP™ World Championship and of the FIM MotoE™ World Cup**, conforming with the international standard ISO 20121

– **Event Sustainability Management.**

In July 2022, Dorna Sports obtained the aforementioned certification, and, since then, the adoption of a certified management system has enabled the company to structure its commitment towards sustainability in an integrated manner across all organisational aspects related to the MotoGP™ World Championship and MotoE™ World Cup. A fundamental part was played by the **Fédération Internationale de Motocyclisme (FIM)**, the **International Road-Racing Teams Association (IRTA)**, **circuits, suppliers, partners, sponsors, teams and providers** – key elements in the execution of the championship, who were actively involved throughout this process; and we thank them for their time and cooperation in this project.

The significance of Dorna's achievement in implementing the sustainable management system for the FIM MotoGP™ World Championship and for the FIM MotoE™ World Cup is not just a landmark, but it represents a starting point in an **organisational journey towards sustainable growth and development in motorsport.**

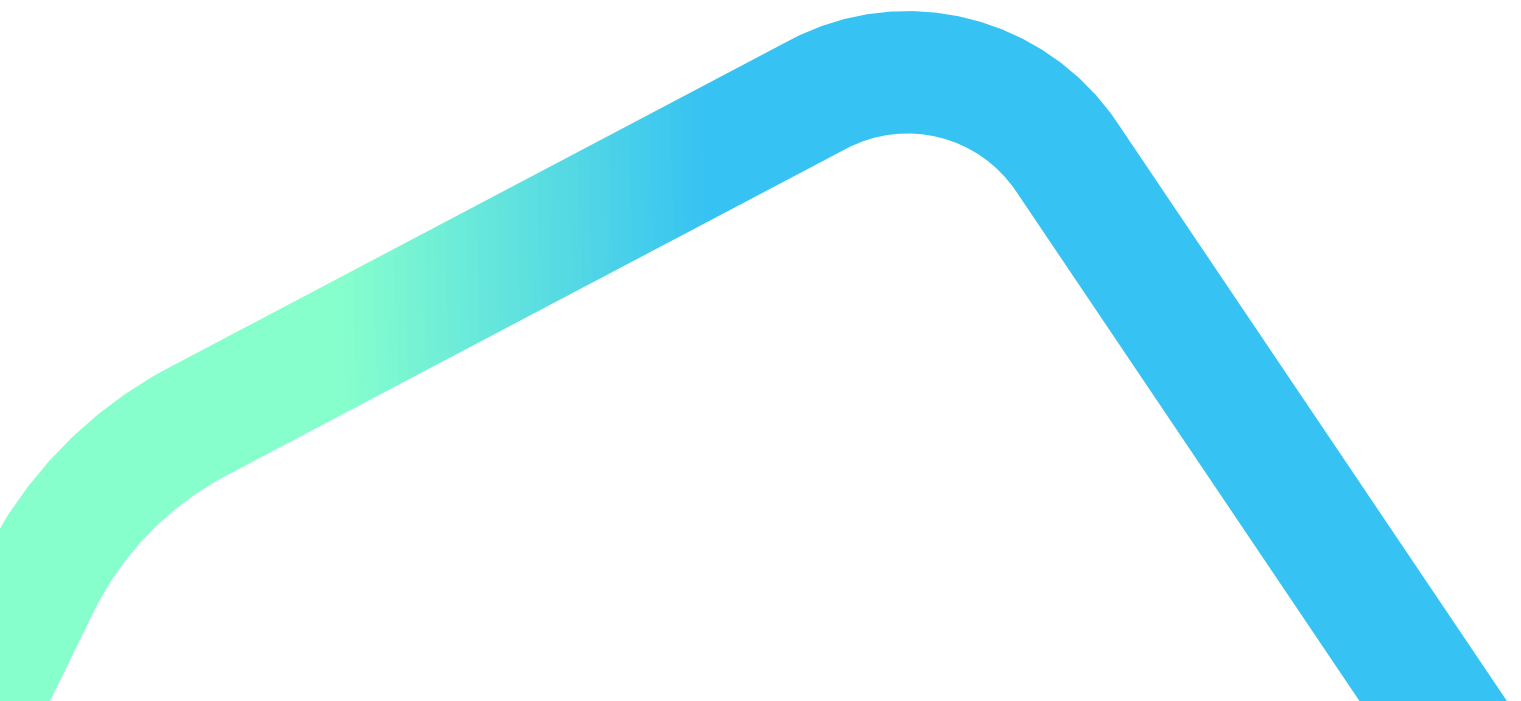
# THE PURPOSE OF THE SUSTAINABILITY REPORT

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The purpose of this report is to summarise and present in detail the predetermined objectives and the results of the actions implemented by Dorna Sports, in order to improve the **environmental, social, and economic impact of the 2022 FIM MotoGP™ World Championship**.

Furthermore, with the aim of transparency, this report is intended as an informational document for all stakeholders involved in the ISO 20121 project, acting as a point of reference and comparison for the development of the sustainability objectives of the organisation as a whole and the future of the FIM MotoGP™ World Championship.

**This report written in February 2023.**



# THE CONTEXT

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## The 2022 FIM MotoGP™ World Championship and FIM MotoE™ World Cup

During the **2022 FIM MotoGP™ World Championship**, 20 Grands Prix took place, showcasing high-adrenaline races in 16 countries across four continents. The MotoGP™, Moto2™ and Moto3™ championship events were held at 20 different circuits, and each event was made up of the following sessions: free practice, qualifying, warm up, and race. Additionally, 6 of the circuits also held events for the **FIM MotoE™ World Cup**, the electric motorcycle championship designed, organised, and managed by Dorna Sports.

In order to establish the impact of the **2022 FIM MotoGP™ World Championship**, Dorna Sports has undertaken an analysis of the operational context, and has identified the stakeholders involved and their impact level. The circuits and local promoters represent a key stakeholder due to their role of hosting each MotoGP™ event.













Additionally, they also have a significant impact on the event in accordance with the environmental, social and economic characteristics and initiatives displayed.











Circuits are selected according to the FIM track homologation, and also conforming to pre-existing contracts in place. The circuits which host the FIM MotoGP™ World Championship are situated all over the world, and, therefore, Dorna Sports has to face varying legal landscapes dependent on the location. In order to determine the differences in legal requirements, Dorna Sports has involved the circuits with a **sustainability self-assessment**, a questionnaire aimed at defining the circuit's sustainability characteristics from an **environmental, social, and economic standpoint**. The information gained from the self-assessment showed us that not all circuits are required by law to implement specific environmental initiatives, such as separating recycling or avoiding the use of single-use plastics. Therefore, the suppliers, teams and service companies operating within the paddock must adapt to the different legal framework based upon the location of the circuit.

In order to help paddock members to adapt with ease to the different legal requirements and as a result of the analysis carried out, for the 2023 FIM MotoGP™ World Championship, Dorna Sports has designed **an operational procedure** aimed at collaborating with circuits and implemented **an integration manual for the promoters**, Dorna's most important document, used to communicate with local circuits and promoters, in order to set sustainability requirements with the objective of reducing the overall environmental impact of the championship. Furthermore, Dorna aims to design further global policies for the organisation of events in the coming years.

# The 2022 FIM MotoGP™ World Championship and FIM MotoE™ World Cup calendar

DATE	COUNTRY	CIRCUIT	MotoE™	CERTIFICATIONS AND ACCREDITATIONS <sup>1</sup>	SUSTAINABILITY INITIATIVES <sup>1</sup>
MARCH 4-6	QATAR	LUSAIL INTERNATIONAL CIRCUIT 			NATIONAL SPORT DAY COMMUNITY EVENT
MARCH 18-20	INDONESIA	PERTAMINA MANDALIKA CIRCUIT 			MICRO, SMALL AND MEDIUM ENTERPRISE ECONOMIC INITIATIVE
APRIL 1-3	ARGENTINA	AUTÓDROMO TERMAS DE RÍO HONDO 			
APRIL 8-10	U.S.A.	CIRCUIT OF THE AMERICAS 			KISS COTA <sup>3</sup> 2014, 2015, 2016
APRIL 22-24	PORTUGAL	AUTÓDROMO INTERNACIONAL DO ALGARVE 			ELECTRIC SOLAR POWER PANELS PLANTS
APRIL 29 MAY 1	SPAIN	CIRCUITO DE JEREZ ÁNGEL NIETO 	X		
MAY 13-15	FRANCE	LE MANS BUGATTI CIRCUIT 	X		AUTOMOBILE CLUB DE L'OUEST SUSTAINABILITY STRATEGY
MAY 27-29	ITALY	AUTODROMO INTERNAZIONALE DEL MUGELLO 	X	ISO 20121, ISO 9001, ISO 14001, ISO 45001, EMAS FIA Environmental Accreditation – 3 stars <sup>2</sup>	KISS MUGELLO <sup>3</sup> 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2022
JUNE 3-5	SPAIN	CIRCUIT DE BARCELONA CATALUNYA 		ISO 20121, ISO 14001 FIA Environmental Accreditation – 3 stars <sup>2</sup>	KISS BARCELONA <sup>3</sup> 2014, 2015, 2016, 2017, 2018, 2019, 2022
JUNE 17-19	GERMANY	SACHSENRING 		DIN 77200 for security services	
JUNE 24-26	NETHERLANDS	TT CIRCUIT ASSEN 	X		SOLAR PANELS INSTALLATION
AUGUST 5-7	U.K.	SILVERSTONE CIRCUIT 		FIA Environmental Accreditation – 2 stars <sup>2</sup>	“SHIFT TO ZERO” SUSTAINABILITY STRATEGY “ZERO FOOD WASTE” POLICY “RACING TOWARDS NET ZERO” INITIATIVE

DATE	COUNTRY	CIRCUIT	MotoE™	CERTIFICATIONS AND ACCREDITATIONS <sup>1</sup>	SUSTAINABILITY INITIATIVES <sup>1</sup>
AUGUST 19-21	AUSTRIA	RED BULL RING 	X		
SEPTEMBER 2-4*	ITALY	MISANO WORLD CIRCUIT MARCO SIMONCELLI* 	X	ISO 20121, ISO 9001 FIA Environmental Accreditation – 2 stars <sup>2</sup>	KISS MISANO <sup>3</sup> 2016, 2017, 2018, 2019, 2020 (DIGITAL)
SEPTEMBER 16-18	SPAIN	MOTORLAND ARAGÓN 			KISS MOTORLAND <sup>3</sup> 2014, 2015, 2016, 2017, 2018, 2022
SEPTEMBER 23-25	JAPAN	MOBILITY RESORT MOTEGI 			
SEPTEMBER 30 OCTOBER 2	THAILAND	CHANG INTERNATIONAL CIRCUIT 			
OCTOBER 14-16	AUSTRALIA	PHILLIP ISLAND CIRCUIT 			2022 SPORTS ENVIRONMENT ALLIANCE SEA CHANGER WINNER
OCTOBER 21-23	MALAYSIA	SEPANG INTERNATIONAL CIRCUIT 		ISO 45001	NATIONAL BUILDING ENERGY LABEL – 4 STAR RATING
NOVEMBER 4-6*	SPAIN	CIRCUIT RICARDO TORMO* 		ISO 9001, ISO 14001, ISO 39001	KISS VALENCIA <sup>3</sup> 2014

\*Surveillance audit

- 1. The certifications, awards and accreditations listed originate from research and self-assessment answers.
- 2. FIA Environmental Accreditation: since 2013, the F.I.A. has in place its own environmental accreditation framework for organizers, teams, circuits, suppliers and clubs. It is released in 3 ratings according to the level of commitment of the candidate (1 or 2 or 3 Star).
- 3. KiSS: the Keep it Shiny and Sustainable programme provides the necessary support to circuits in order to implement various actions aimed at social and environmental sustainability.



# THE ISO 20121 CERTIFICATION

Dorna Sports S.L. has been certified by TÜV NORD Italia as organiser for the design, planning, execution and reporting of the FIM MotoGP™ World Championship in accordance with the ISO 20121 – Event Sustainability Management standard, which defines the requirements for sustainable and responsible management from an environmental, social, and economic standpoint. This standard can be applied to a single event or a series of events, but also to venues hosting the events, event organisers (in the case of Dorna Sports), suppliers of goods and services for events, and to teams participating in events. The ISO 20121 standard is the only international norm that addresses the topic of sustainability with a three-dimensional outlook (environmental, social, and economic), and with a holistic and systemic approach that goes beyond just environmental issues.

Implemented for the first time during the 2012 London Olympics, the ISO 20121 standard establishes the requirements to follow for the organisation of sustainable events, in order to have a minimal impact on the environment and to help strengthen the relationship with each stakeholder, including suppliers, circuits, teams and riders, sponsors and partners, shareholders and investors, local public institutions and communities, spectators and guests, manufacturers and federations, and broadcasting platforms.

For the 2022 FIM MotoGP™ World Championship, each aspect of the environmental, social and economic impact was analysed during the design and the organisation of the championship. Dorna's ISO 20121 certification has a three-year validity; therefore, the organisation is committed to staying on this positive path in the years to come. Sustainability and continuous improvement are two cornerstones of Dorna Sports' values, and therefore, the FIM MotoGP™ World Championship is committed to remaining an example in this field.



# THE SUSTAINABILITY POLICY

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Dorna Sports S.L. has defined a specific **2021-2024 sustainability strategic plan** which also applies to the FIM MotoGP™ World Championship, named Racing Together. The sustainability strategic plan is aimed at improving the social and economic impact of the organisation, and at reducing its environmental impact, not only from the local perspective, but also in relation to all the communities which are involved in MotoGP™ events.

The Racing Together strategy takes into consideration a company-wide philosophy which is aimed at including sustainable development at all levels of the organisation, and it is based on the following key areas:

The **Racing Together** strategy takes into consideration a company-wide philosophy which is aimed at including sustainable development at all levels of the organisation, and it is based on the following key areas:

- **People and culture**

Dorna Sports is committed to becoming a key actor in the transition towards a sustainable future and, in order to do so, it is involving its stakeholders and fans in this organisational effort, by raising their expectations and reporting sustainability initiatives. Additionally, from an internal standpoint, sustainable development is also being considered when issuing company-wide policies and procedures; and best practices are being employed to transform the overall culture.

- **Community Commitment**

Dorna Sports is committed to positively impacting the communities in which it operates, not only in the surroundings of its headquarters, but also all over the world, where the MotoGP™ World Championship takes place and is enjoyed – it's a truly global sport. From a social standpoint, Dorna leads by example in spreading awareness regarding the importance of key sustainability practices and involving local communities in the implementation of such is fundamental in achieving an overall contribution to sustainability.

- **Environment**

Dorna Sports is also employing its technological advancement and expertise to develop innovative sustainable mobility solutions, with reduced environmental impact to benefit communities all over the world. Additionally, the organisation is involving and collaborating with teams and suppliers to achieve this goal.

In order to further explore the commitment of Dorna Sports to each one of the sustainability strategy's pillars, you can read Dorna Sports 2022 ESG Annual Report.

In alignment with the commitment towards sustainable development expressed within their 2021-2024 sustainability strategic plan, Dorna Sports has decided to adopt a sustainable management system for the design, planning, execution and reporting of the FIM MotoGP™ World Championship, in its clearest and most internationally recognised form; by obtaining the ISO 20121 certification, the international standard for the sustainable management of events.

As a result, an **ad-hoc sustainability policy was created for Dorna Sports**, specifically referring to the United Nations Sustainable Development Goals (SDGs) that are outlined below – applicable to the context – and to the core values of the ISO 20121 standard.





**GOAL 2**  
**ZERO HUNGER**

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.



The sustainability initiative in line with SDG 2 is the collection of leftover food, which is also part of the Keep it Shiny and Sustainable (KiSS) programme at circuits which implement the KiSS.



**GOAL 4**  
**QUALITY EDUCATION**

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

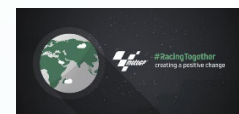


The sustainability initiative supporting SDG 4 is Road to MotoGP™, the talent development programme supported by MotoGP™.



**GOAL 9**  
**INDUSTRY, INNOVATION AND INFRASTRUCTURE**

Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation



The sustainability initiatives involved with SDG 9 are the FIM MotoE™ World Cup, the electric motorcycle championship, and the design and implementation of sustainable fuels.



**GOAL 11**  
**SUSTAINABLE CITIES AND COMMUNITIES**

Make cities and human settlements inclusive, safe, resilient and sustainable.



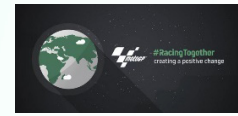
The sustainability initiatives under SDG 11 are represented by MotoGP™'s social and economic impact on local communities at events and the promotion of a circular economy, including initiatives such as FIM Ride Green, Keep it Shiny and Sustainable (KiSS), and those implemented by Two Wheels for Life, the official charity MotoGP™, to positively influence the communities in which it operates.





**GOAL 13  
CLIMATE ACTION**

Take urgent action to combat climate change and its impacts.

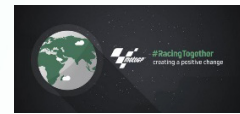


The sustainability initiatives working towards SDG 13 include the design and implementation of sustainable fuels, the FIM MotoE™ World Cup and the environmental initiatives part of the Racing Together sustainability strategy.



**GOAL 17  
PARTNERSHIPS FOR THE GOALS**

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.



The sustainability initiatives supporting SDG 17 include the cooperation with MotoGP™ suppliers, IRTA, FIM and paddock members in the effort towards sustainable development with the implementation of initiatives as part of the FIM Ride Green and KiSS programmes, and of Dorna's sustainability strategy, Racing Together.

# THE ISO 20121 STANDARD AND ITS VALUES

Dorna Sports S.L. has committed to the design, planning, execution and reporting of the FIM MotoGP™ World Championship applying and spreading the intents and values promoted by the ISO 20121 standard, which are the following:



## RESPONSIBLE MANAGEMENT

Management oriented towards the safeguarding of the environment is one of the main objectives of Dorna Sports S.L.'s policy, which is committed to continuously improving the environmental impact of its activities and reducing the consumption of natural resources, while also considering economic viability. Dorna Sports S.L., is focused on saving energy, reducing the production of waste, and promoting a circular economy wherever possible in the design, planning and execution of all events.



## INCLUSIVITY AND ACCESSIBILITY

Dorna Sports S.L. guarantees equal opportunities and equal treatment to all its stakeholders regardless of ethnic origin, gender, religion, nationality, sexual orientation, any disadvantages due to disability, social background, and political orientation, always provided those democratic principles are respected and that there is tolerance towards different ideas and ideologies.



## INTEGRITY

For Dorna Sports S.L., respect for internationally recognized human rights is a fundamental prerequisite for any business relationship.



## TRANSPARENCY

Dorna Sports S.L. maintains communication with its stakeholders in a clear, truthful and fair manner, in compliance with the law and the principles of professional decency.



## PARTICIPATION

Dorna Sports S.L. manages its activities to meet and fulfil the expectations of its stakeholders, involving them as active participants with the aim of propagating our culture of sustainable development.



## LEGACY

Dorna Sports S.L. wants to acknowledge the legacy that its events give to the hosting communities, both present and future, promoting a balanced approach between economic activities, environmental responsibilities, and social progress.

# THE OBJECTIVES, ACTIONS AND PRIORITIES

In compliance with the requirement of the ISO 20121 standard, during the design phase of the 2022 FIM MotoGP™ World Championship, a **careful assessment of the context and of the championship's characteristics** was conducted.

As a result, Dorna Sports has identified determined **matters** which could benefit from an intervention, in order to improve the **environmental, social and economic impact**, by establishing a clear plan of objectives and actions to be achieved. **Three specific matters were identified as priorities**, and, due to having the greatest impact, they have been given particular attention.

Below is the list of all the subject matters which were assessed and were objects of intervention:

## Process re-engineering

Structure a defined process regarding Dorna's operations and activities in order to incorporate sustainability tools and initiatives, and to systemically implement sustainability provisions, requirements, criteria, and objectives.

## Communication, awareness, and involvement of stakeholders

Increase circuits/promoters, suppliers, teams, employees, sponsors and partners, and spectators and guests' awareness regarding the importance of organising and participating in events in a sustainable and responsible way; actively involving them in the accomplishing of sustainability objectives.

## Carbon footprint minimisation

Measure and monitor the environmental impact of the 2022 FIM MotoGP™ World Championship in order to establish a decarbonization roadmap aimed at reducing the carbon footprint of the championship.

## Social and economic impact

Improve the social and economic impact in the territories and communities involved with the 2022 FIM MotoGP™ World Championship events.

## Waste management and circular economy

Ensure waste sorting and management take place favouring circular economy.

## Sustainable procurement

Include environmental and social sustainability criteria when assessing the selection of goods, services, and suppliers.

**Catering services**

Enhance the environmental and social sustainability criteria which apply to the catering services.

**Mobility and logistics**

Reduce the environmental impact of transport of staff and materials.

**Green energy and energy efficiency**

Increase the amount of energy obtained through renewable sources and decrease the energy consumption through efficiency systems.

In order to achieve transparency and to ensure coherent monitoring of results, **key performance indicators (KPIs)** were previously established for each objective. They were systematically collected and analysed during the weeks following each championship event.

## Priority 1

### Process re-engineering

In order to ensure the integration of sustainability as part of the organisational culture, a **comprehensive analysis of the processes** involved in the design, planning and execution of the FIM MotoGP™ World Championship was carried out. Specifically, **7 macro-areas were identified** to make up the main process which Dorna undertakes when building the championship, which are the following:

- **Global preparation**
- **Event Planning**
- **Event Set-up**
- **Event Operations**
- **Post-event Operations**
- **Review Stage**
- **Office Activities**

For each one of the macro-areas, multiple **process steps** were identified in detail, and their connection with the stakeholder categories involved was mapped out. After defining all the process steps necessary to design, plan and execute the FIM MotoGP™ World Championship, the **sustainable management tools** aimed at improving the environmental, social and economic impact of the championship as a whole **were added as part of the re-engineering of the processes**.

Therefore, in order to implement sustainable management as part of Dorna's organisational processes and to progress in alignment with the FIM's Sustainability Strategy 2021-2025, the following documents have been designed and their im-



plementation will take place at 2023 FIM MotoGP™ World Championship events:

Dorna's operational management procedure and the MotoGP™ event sustainability guidelines for entities operating within the paddock. Dorna's **operational management procedure** is aimed at keeping the ISO 20121 management system updated, and streamlining the communications with the circuit in order to cooperate on the implementation of sustainable management practices.

The **MotoGP™ event sustainability guidelines** containing recommendations regarding the three dimensions of sustainable development will be available to all suppliers, teams and service companies operating within the paddock (paddock members). They have been drafted with the support of IRTA (International Road-racing Teams Association). These guidelines also include a section dedicated to health and safety with the objective of properly managing high risks in the paddock.

Finally, the **Promoters Manual**, an internal document used to communicate general requests and necessities to the circuits has also been updated for the 2023 FIM MotoGP™ World Championship, with an expansion of the sustainability section to include sustainable development requests with the objective of reducing the environmental impact and improving the social impact of the events.

The actions involved with priority 1 refer to the following SDGs and ISO 20121 values:



## Priority 2

### Communication, awareness and involvement of stakeholders

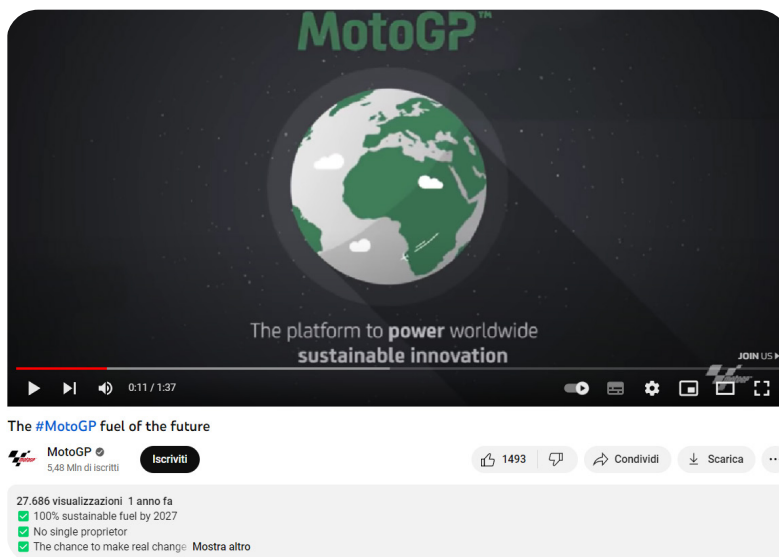
The stakeholders represent all the categories of individuals who are involved in or impacted by the activities of Dorna Sports in relation to the FIM MotoGP™ World Championship.

During the event planning phase of the championship, Dorna Sports mapped out its stakeholders, and defined a series of actions to involve them with the ISO 20121 certification project, in order to increase their awareness regarding sustainable development.

Additionally to being a requirement of the ISO 20121 standard, the active involvement of all stakeholder categories identified has proven to be a necessary condition for **the achievement of Dorna Sports's sustainability goals.**

First of all, one of the sustainable management tools identified when re-engineering Dorna's processes was an ad-hoc [“Sustainability” section](#) on Dorna's website, dedicated to the organisational sustainability strategy, Racing Together, and to the ISO 20121 project. Specifically, this section includes the [ISO 20121 certificate](#) and the [sustainable development policy](#), additionally to the company-wide 2021 Non-financial Report. Furthermore, Dorna has launched an additional website in 2022, [Racing Together](#), named after the 2021-2024 sustainability strategic plan, highlighting some of the key sustainability initiatives in MotoGP™. While, the publication of the [official press release](#) regarding the achievement of the ISO 20121 certification took place on the championship's website. The website and the social media channels of MotoGP™ were also taken advantage of to announce the **ESG communication plan**, made up by articles, videos and media content, which are regularly published and focus on the three dimensions of sustainability. In all cases, the webpages were used to disclose in a direct and authoritative manner the commitment to sustainable management undertaken by Dorna.

As part of Dorna's ESG communication plan, the following content represents an example of the most relevant initiatives published:



### KiSS Mugello returns with action plan for Italian GP

A series of initiatives will help make the event a greener and more sustainable event

### Racing Together: Making A Difference officially launches

Check out the new website to find out how the sport is creating positive change through various initiatives

### MotoGP™ rear tyre compounds reduced to only two from 2023

From next season, Michelin will only bring two rear tyre compounds meaning teams must choose between a softer and a harder option tyre

The claim **“Racing Together”** was also incorporated in the ashtray stands present in the paddock at 11 of the MotoGP™ events which took place during the 2022 season. The ashtray stands also included a QR code linked to the Racing Together website, which includes specific sections regarding the sustainability initiatives put in place by Dorna Sports in relation to the MotoGP™ World Championship.

## 100,000

IMPRESSIONS ON FACEBOOK OF THE  
ISO 20121 PRESS RELEASE

## 33,600

IMPRESSIONS ON TWITTER OF THE ISO 20121  
PRESS RELEASE

The stakeholders which have a greater impact on the achievement of Dorna’s sustainability objectives – **circuits, partners and suppliers, and teams and service companies** – were involved in the ISO 20121 project in a more direct and personalised manner: **through the completion of an online self-assessment**. This questionnaire is an additional sustainable management tool which was implemented in the organisational process, which allowed the **assessment of the stakeholders’ sustainability profiles**, taking into consideration the following aspects: **certifications, internal policies, sustainability criteria in the procurement process and voluntary initiatives for the improvement of the environmental, social and economic impact of products and activities**.

In addition to being a key tool to convey the purpose of the ISO 20121 project to the interested stakeholders, the self-assessment represents a starting point from which additional initiatives can be designed in order to create structural involvement, aimed at improving Dorna’s sustainability performance. A total of **20 circuits, 35 suppliers and partners, 53 teams, and 37 service companies** were involved.



45%

PERCENTAGE OF SUPPLIERS AND PARTNERS WITH A SUSTAINABILITY POLICY OR REPORT<sup>4</sup>

83%

PERCENTAGE OF CIRCUITS WITH A SUSTAINABILITY POLICY OR REPORT<sup>4</sup>

26%

PERCENTAGE OF TEAMS AND SERVICE COMPANIES WITH A SUSTAINABILITY POLICY OR REPORT<sup>4</sup>

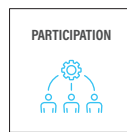
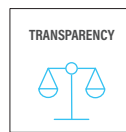
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NUMBER OF CIRCUITS WITH THE ISO 20121 CERTIFICATION

The alignment of Dorna’s staff with the sustainability objectives and the corresponding responsibilities at the organisational level is of crucial importance; therefore, **two dedicated training sessions** were organised regarding ESG themes, the fundamentals of sustainable development and of the ISO 20121 standard, and their application to Dorna’s sustainability project. The training sessions were recorded to make them available for all staff. **450 employees** were involved in the training sessions and their knowledge was tested through an online multiple-choice quiz, which was also translated to Spanish.

Furthermore, in order to evaluate the public perception of MotoGP™, Dorna has designed a **fan engagement survey** available on social media, in which **questions regarding** the championship’s **environmental and social performance** were asked to respondents. The survey was completed by 1,182 people, and 58.3% rated the environmental performance of MotoGP™ as good, while 16.8% rated it as excellent; the social performance was rated as good by 55.2% of respondents and excellent by 24% of them.

The actions involved with priority 2 refer to the following SDGs and ISO 20121 values:



4. Percentages based on circuits (12/20), partners and sponsors (20/35), and teams and service companies (28/90) that answered to the self-assessment



## Priority 3

### Carbon footprint minimization

The **environmental impact** of the FIM MotoGP™ World Championship can be quantified according to its carbon footprint. In order to minimise such number and reduce the CO<sub>2</sub>e emissions, it is necessary to design and implement a structured plan which is aimed at achieving concrete results over the next few years. After measuring the carbon footprint of the 2021 Portuguese Grand Prix, Dorna extended this measurement to the whole championship in 2022, according to the requirements of the **ISO 14067 – Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification standard**. To ensure an accurate measurement, the items taken into consideration are the following: Dorna, circuits, and teams and service companies. While the main aspects which were subject to the measurement are the following:

- **Utilities**
- **Event logistics**
- **Supply of goods**
- **Employees transportation and accommodation**
- **Spectators**

Following the measurement of the carbon footprint of the 2022 FIM MotoGP™ World Championship, Dorna will design a **decarbonisation roadmap**, which will lead to establishing an emissions reduction plan and an emissions offsetting plan.

The actions which Dorna implemented in order to reduce the carbon footprint of the FIM MotoGP™ World Championship include the improvement of waste sorting, the reduction of power consumption, the promotion of sustainable mobility for workers and spectators and of energy from renewable sources.

Additionally, in order to reduce the environmental impact of the staff travelling to the 2022 FIM MotoGP™ World Championship, Dorna has implemented **remote TV production**. In order to do so, the number of video signals was increased from 60 to 110; the use of encrypted feeds distributed via satellite to the remote offices was implemented; and ultra low latency video delivery networks enabling almost instant remote production were employed.

By using these systems, the Dorna HQ **production team operates remotely when doing press conference production and management of the on-board feeds**. The implementation of a remote TV production system, enabled on average 86 workers to operate from Dorna's office per each Grand Prix, which avoided about 3,146 tons of CO<sub>2</sub>e emissions.

**86**

NUMBER OF WORKERS WHICH DO NOT TRAVEL  
DUE TO REMOTE TV PRODUCTION ON AVERAGE  
PER EACH GRAND PRIX

**3,146**

TONS OF CO<sub>2</sub>e EMISSIONS AVOIDED DUE  
TO THE IMPLEMENTATION OF REMOTE  
TV PRODUCTION

Furthermore, in the aim of decreasing the overall carbon footprint of the FIM MotoGP™ World Championship, the following actions have been planned for the year 2023:

- implementation of a carbon footprint management system to collect data from key stakeholders participating in MotoGP™ events;
- Organising the MotoGP™ calendar to reduce distance travelled;
- implementation of a Dorna permanent logistics fleet for European events which runs on biofuel (HVO – Hydrotreated Vegetable Oil);
- improvement of energy efficiency at Dorna headquarters;
- installation of solar photovoltaic system energy in all Dorna permanent facilities.

The actions involved with priority 3 refer to the following SDGs and ISO 20121 values:



# OTHER AREAS OF FOCUS AND COMMITMENT

## Social and economic impact

The social and the economic impact on the territory make up two of the three dimensions of sustainability when managing an event. From a social perspective, the most crucial initiative which Dorna undertook in 2022 was the implementation of the **food surplus collection** at 11 of its events.

The food surplus collection involved Dorna's catering services, the MotoGP VIP Village™'s catering service, the circuits' restaurants, and the teams' hospitalities which collaborated with 12 different non-profit organizations (Do and Co, Restos du Coeur, Pain contre la Faime, Associazione Banco Alimentare Toscana, Fundació El Xiprer, Food Bank Hart van Drenthe, Towcester Community Food, Austrian Caritas, Associazione Papa Giovanni XXIII, Santo Angel residence, Philip Island Community and Learning Centre, Cruz Roja).

18,253 meals were donated during the 2022 season, including 1,143 kg of bread, while 240 litres of water were also collected and donated. In the case of the events which took place at Mugello Circuit, the Circuit de Barcelona-Catalunya and MotorLand Aragon, the food surplus collection was part of the **KiSS (Keep it Shiny and Sustainable)** initiative, which is an environmental and social initiative, which has spread to many other circuits, Grands Prix and motorcycling events.

Furthermore, as part of the KiSS initiative, the Solidarity Pit Lane Walk, dedicated exclusively to local non-profit organisations, which give children with disabilities a chance to visit the circuit, walk along the pit lane and visit the box of the racing teams, took place at the 2022 Italian Grand Prix, at Mugello Circuit.

### 18,253

NUMBER OF **MEALS DONATED** TO NON-PROFIT ORGANISATIONS<sup>5</sup>

### 240

LITRES OF **WATER DONATED** TO NON-PROFIT ORGANISATIONS

Another social initiative which was implemented at 8 Grands Prix is the **Two Wheels for Life Paddock Visit**. Two Wheels for Life is the official charity of the MotoGP™ World Championship and its main objective is to increase the medical assistance provided to people currently living in rural areas of Africa.

■ 5. 0,5 kg of food donated =1 meal donated

To achieve this objective, MotoGP™ has been supplying motorcycles to medical professionals, so they can visit more people in need of assistance.

Thanks to the Two Wheels for Life paddock visits and the sale of selected memorabilia, the funds collected are given entirely to the charity to contribute to its mission.

## €384,690

AMOUNT OF FUNDS RAISED FOR TWO WHEELS FOR LIFE CHARITY IN 2022<sup>6</sup>

Furthermore, in order to involve the new generation of motorcycle riders, Dorna has designed the “Road to MotoGP™” talent program, which is made up of different initiatives to promote the **development of a younger generation within the sport** and multiple young riders’ programs.

“Road to MotoGP™” is directly linked with the value of youth of MotoGP™, and with the value of talent of Dorna Sports; both of these values aim at developing young talents within motorcycle racing, in addition to transferring to the youth the principles of competition. This initiative involves 142 riders in 14 countries located in different continents and the riders participating to this program include motorsport youth participating to the Idemitsu Asia Talent Cup, Honda British Talent Cup, Northern Talent Cup, and European Talent Cup.

## 142

RIDERS INVOLVED IN ROAD TO MotoGP™ TALENT PROGRAMS

## 14

COUNTRIES INVOLVED IN THE ROAD TO MotoGP™ TALENT PROGRAM

The economic impact is identified by the ISO 20121 standard requirements as one of the key aspects when organising events with sustainability characteristics. The FIM Moto- GP™ World Championship has a substantial economic impact on the territories in which its events take place, for example through expenses regarding the booking of accommodation, the vehicles rented, the meals and subsistence allowance. During the course of the 2022 season, Dorna has measured the economic impact of its staff on-site at each MotoGP™ event. The main components of the economic impact generated by Dorna staff are the following:

## €4,901,460

ECONOMIC IMPACT OF ACCOMMODATION EXPENSES FOR DORNA STAFF

## €1,610,380

ECONOMIC IMPACT OF RENTAL VEHICLE EXPENSES FOR DORNA STAFF

## €1,159,800

ECONOMIC IMPACT OF MEALS AND SUBSISTENCE ALLOWANCE EXPENSES FOR DORNA STAFF

## €205,660

ECONOMIC IMPACT OF COLLATERAL EXPENSES CARRIED OUT BY DORNA STAFF

■ 6. Currencies were converted in euros with February 2023 conversion rate



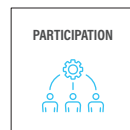
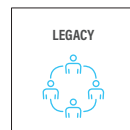
In the local communities involved with MotoGP™ events, Dorna also has an occupational impact; as a matter of fact, 261 people were employed throughout the 20 events of the 2022 FIM MotoGP™ World Championship.

# 261

LOCAL WORKERS EMPLOYED BY DORNA  
SPORTS DURING 2022 MotoGP™ EVENTS

Furthermore, the Andalusian Ministry of Tourism, Regeneration, Justice and Local Administration, has carried out an **economic analysis** in relation to the impact of tourism of the 2022 Spanish Grand Prix, held at the circuit of Jerez de la Frontera. Almost 30,000 tourists travelled to Andalusia for the event, representing 48,3% of the overall attendees, and their total expenditure was of € 9,1 million. In addition, the average daily expenditure per tourist was € 94.15. The most popular types of accommodation were hotels (33%) and rented flats (31.4%). Moreover, 88.6% of the tourists surveyed expressed their will to return to Andalusia as tourists, with one of the main reasons being motorcycling-related activities.

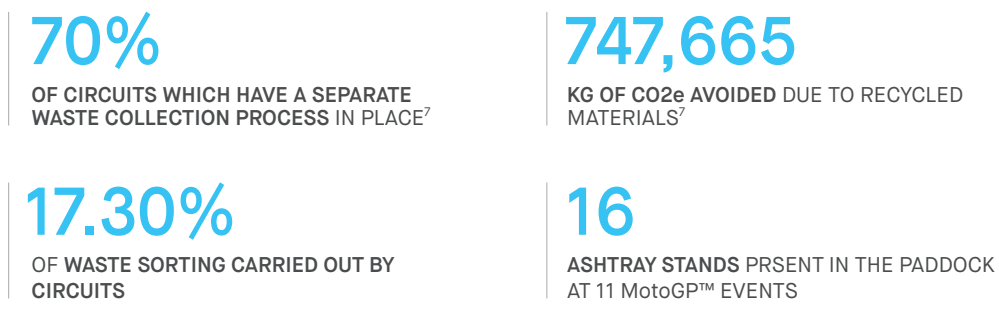
These actions refer to the following SDGs and ISO 20121 values:



## Waste management and circular economy

From an environmental perspective, in addition to the measurement of the carbon footprint, the implementation of **separate waste collection** plays a crucial role. The implementation of a waste management system is fundamental to group municipal waste categories according to their type – commonly being plastic, glass, paper, aluminium, and organic waste. The waste categories are then **recycled**, a process through which raw materials present in waste are recovered and reintroduced into **the productive cycle, aiming at circular economy**. On the other hand, if waste is not separately collected, it will enter a less virtuous end-of-life process in landfills or incinerators. **Separate waste collection benefits the environment, society and economy**, and it is also a sustainability management tool in the fight against **climate change**. To strengthen separate waste collection at circuits, Dorna carried out an analysis regarding the circuits which separate urban waste and implemented a measuring system as part of the carbon footprint project. The management of separate waste collection at the events was entrusted to the teams, catering services, and suppliers present in the paddock, which deliver the waste in containers provided by the circuits hosting the events.

The final disposal of waste is the responsibility of the circuit, which, based on the local and municipal dispositions and regulations, may or may not carry out waste sorting. The materials which were sorted by the circuits which implement a separate waste collection system are glass, plastic, aluminium, mixed green waste, metal, paper and cardboard, wooden pallets, carpet, mixed electronic waste, and organic waste, avoiding a total of **747,665 Kg of CO2e** thanks to the implementation of separate waste collection. Furthermore, at 11 MotoGP™ events, **16 ashtray stands** were placed in the paddock area, in an effort to avoid cigarette butts littering on the ground.



Dorna wishes to emphasise that in light of the results obtained from separate waste collection, starting from the 2023 FIM MotoGP™ World Championship, it will be requiring circuits to prepare a specific waste management plan containing the waste positioning of containers, additionally to encouraging circuits that do not currently have a waste separation system in place to implement the collection of a few specific waste categories. In Dorna’s offices in Barcelona and Madrid, additionally to implementing waste differentiation according to municipal regulations, water dispensers are available for employees in an effort to carry out circular economy initiatives. During 2022, the number of employees operating in the offices has been of 506 workers, for whom 103 water dispenser were used, avoiding the use of 4,067 single-use plastic water bottles. While at MotoGP™ events, 95 water dispensers were used in the Dorna offices located in the paddock, avoiding 3,800 single-use plastic water bottles.



The actions refer to the following SDGs e ISO 20121 values:



11 SUSTAINABLE CITIES AND COMMUNITIES



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS



RESPONSIBLE MANAGEMENT

■ 7. Data based on circuits which completed the event carbon footprint form (12/20)  
 ■ 8. Based on 0,5 liters water bottles

## Sustainable procurement

The implementation of sustainable procurement entails leaning on **suppliers which have environmental and social sustainability characteristics** in the goods and services supplied. More specifically, the suppliers which were involved to a greater extent in the ISO 20121 project were PROMotor and AMG Event Services.

PROMotor is the advertising materials supplier, who, in addition to providing transport, set-up and tear down Dorna's temporary structures. In Europe, PROMotor uses 18 trucks and 5 vans to move material from circuit to circuit. While, at overseas Grand Prix, the company only provides advertising materials.

At European events, PROMotor uses **125 squared meters of floor carpeting and 300 squared meter of Cinta Sol plastic carpeting which are re-used at each MotoGP™ event held across the continent**, in an effort towards circular economy.

To display advertising materials at the circuit, PROMotor uses cellular polycarbonate panels with fireproof characteristics, which have a **product life of 6 years**. In 2022, 37,168.11 squared meters of cellular polycarbonate panels were used, and **29% of the panels were re-used** at each event.

### 37,168

SQUARE METRES OF CELLULAR  
POLYCARBONATE PANELS

### 29%

OF CELLULAR POLYCARBONATE PANELS  
RE-USED AT EACH 2022 GRAND PRIX

### 125

SQUARE METRES OF FLOOR CARPETING  
RE-USED AT EVERY MotoGP™ EVENT IN  
EUROPE

### 300

SQUARE METRES OF CINTA SOL PLASTIC  
CARPETING RE-USED AT EVERY MotoGP™  
EVENT IN EUROPE

Furthermore, PROMotor uses **water-based paints**, with reduced environmental impact, and a modern HP plotter to print materials; its cartridges, once empty, are always given back to the supplier, aiming at a circular economy.

AMG Event Services is the official tent supplier for the MotoGP VIP Village™ at European events. The services provided by AMG include the transport, set-up, and tear down of the corporate hospitality temporary structure, and the supply of additional power generators. In 2022, in an effort to reduce environmental impact, 30% of the aluminium elements of the tents used for the MotoGP VIP Village™ were sent to a **specialised supplier in order to recycle the material** and create new elements. While, the carpeting is disposed of by another specialized supplier.

The modular flooring is made up of Bolon, which contains **recycled vinyl and textile off-cuts** woven together into rugs used as floor finishing. Furthermore, in 2022, **85% of the MotoGP VIP Village™ furniture was re-used** from previous years.

85%

OF FURNITURE RE-USED IN THE MotoGP VIP Village™

57

PEOPLE EMPLOYED LOCALLY DURING THE COURSE OF THE 2022 FIM MotoGP™ WORLD CHAMPIONSHIP BY AMG EVENT SERVICES

50%

OF OPERATIONAL STAFF EMPLOYED LOCALLY BY AMG EVENT SERVICES DURING THE COURSE OF THE 2022 FIM MotoGP™ WORLD CHAMPIONSHIP

96,000 L

OF WATER SAVED BY USING ALTERNATIVE WAYS TO COUNTERWEIGHT THE MotoGP VIP Village™ STRUCTURE

To avoid the use of water containers serving as counterweights for the MotoGP VIP Village™ tents, in 2022 cement blocks were used instead of water, **saving 96,000 litres of this important resource**. Other key initiatives aimed at sustainable development include the implementation of **hybrid gen-sets for the power supply** of the MotoGP VIP Village™, and the use of a pre-set search engine which uses its revenue to **plant trees**.

The actions refer to the following SDGs e ISO 20121 values:



## Catering services

The catering services operating in the paddock during the 2022 MotoGP™ World Championship include those of the teams and service companies' hospitalities; in the hospitality of Dorna's staff catering service provider, Severino & Son; and at the MotoGP VIP Village™, where the catering provider Food & Mambo operated. Both Severino & Son and Food & Mambo provide an inclusive menu which considers **ethical choices, religious denominations and dietary restrictions**.

88%

PERCENTAGE OF TEAMS AND SERVICE COMPANIES USING WASHABLE AND RE-USABLE CUTLERY AND/OR COMPOSTABLE AND BIODEGRADABLE CUTLERY IN THEIR CATERING SERVICE<sup>9</sup>

52%

OF TEAMS AND SERVICE COMPANIES ORGANIZED TO REDUCE SINGLE-USE PLASTIC<sup>9</sup>

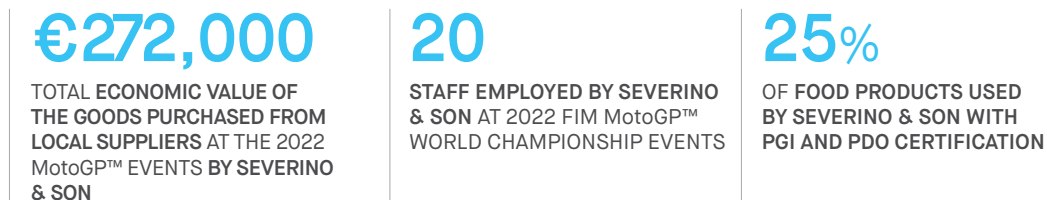
60%

OF TEAMS AND SERVICE COMPANIES ORGANISED TO REDUCE FOOD WASTE BY MINIMISING AND DONATING SURPLUS FOOD<sup>9</sup>

40%

PERCENTAGE OF TEAMS AND SERVICE COMPANIES WHICH UTILISE CLEANING AND HYGIENE PRODUCTS WITH A REDUCED ENVIRONMENTAL IMPACT<sup>9</sup>

Severino & Son is the catering provider for Dorna’s staff, and teams on occasion, at all Mo- toGP™ circuits, serving on average 2,560 people per event. This catering provider follows norms to ensure a **high environmental compatibility regarding the materials used for the cutlery and tableware**, including cellulose pulp and compostable materials. From an economic standpoint, Severino & Son also had a significant impact on the local suppliers, which amounts to €272,000 for the whole 2022 FIM Mo-toGP™ World Championship.



Food & Mambo is the catering supplier for the MotoGP VIP Village™ for European and UK races, averaging around 1,160 people served per event. It has implemented the following sustainability initiatives: video-training provided to employees featuring waste management aspects; production ratios; food packaging aimed at longer product life; materials with high environmental compatibility, such as compostable sugarcane, cardboard paper, bamboo and biodegradable cotton. From an economic standpoint, Food & Mambo has had a significant economic impact in the communities which were involved with the 2022 FIM MotoGP™ World Championship, which amounts to € 43,918.



The actions refer to the following SDGs e ISO 20121 values:



13 CLIMATE ACTION



17 PARTNERSHIPS FOR THE GOALS



INCLUSIVITY AND ACCESSIBILITY

■ 9. Based on answers from teams and service companies (28/90) that answered the self-assessment



## Mobility and logistics

In order to reduce the carbon footprint caused by Dorna logistics due to the transportation of materials on cargo aircrafts between races abroad, it was necessary for all teams, the organisation, suppliers and key stakeholders to take measures in order to **optimise the logistics of cargo transport** for the events.

The use of new **long-haul, fuel-efficient cargo aircraft** options on the market, such as the Boeing 777-F, is of paramount importance. However, the cargo cases previously used to ship materials had to be adapted to the space available in the Boeing 777-F models. So, in 2022, Dorna started the process of designing **standardised cargo cases**, maximising the space used by around 98%. This project, which will be implemented during the 2023 season, will allow the championship to move from the Boeing 747 configuration to the Boeing 777-F equipment, significantly reducing carbon footprint by shifting from 4 engines to a fleet of new generation 2-engine aircrafts.

In addition to this, to maximise capacity, all flight cases are placed on airfreight pallets and built to utilise all available space. This operation occurs at the European GPs before an overseas race or between overseas events. Previously, the build-up of all these pallets took around 8 hours per aircraft, which made the schedule extremely tight in case of back-to-back race scenarios or long distance events.

Furthermore, unusual or oversized containers made this operation considerably more difficult, compromising the schedule, case security, integrity, leaving unoccupied space and increasing prices. Optimising the size of the flight cases has allowed Dorna to speed up this process, improving the safety of the freight and taking advantage of the full volume of the aircraft, reducing the number of cargo planes used, reducing the emissions generated by each trip and increasing the company's profitability.

In regard to the circuits, the **implementation of an ad-hoc traffic plan** to avoid traffic congestion and minimise environmental impact regarding the inflow and outflow of spectators in public areas is a fundamental tool to manage the local mobility during the week during which MotoGP™ events take place. The traffic plan can be used by circuits to include sustainable mobility tips and recommendations to spectators such as the use of public transportation, of hybrid or electric vehicles, and of the circuit's free shuttles, if available, to reach the circuit.

# 70%

OF CIRCUITS WHICH HAVE IMPLEMENTED AN  
AD-HOC TRAFFIC PLAN FOR MotoGP™ EVENTS

Finally, when designing the 2023 calendar Dorna took into consideration the consequential environmental impact and travel costs. In doing so, Dorna has decided to place the 6 MotoGP™ races which take place in Asia towards the end of the season and cluster them together; including the Indonesian Grand Prix, which was held as the second race of the 2022 FIM MotoGP™ World Championship.

The actions refer to the following SDGs e ISO 20121 values:



## Green energy and energy efficiency

MotoGP™ will be used as an innovation platform to test and develop to non-fossil origin fuel technology; MotoGP™ manufacturers have their own fuel suppliers, while, in Moto2™ and Moto3™, there is a single fuel supplier. In addition to progressively introducing the use of renewable energy in the fuel production process, MotoGP™ manufacturers will collaborate with their suppliers to develop their own sustainable fuel. By developing multiple fuels, the knowledge regarding this specific type of technology will be more readily available and will reach motorcycle owners in a faster manner.



To implement sustainable mobility in the near future, Dorna has set the following environmental goals for the FIM MotoGP™ World Championship:

- achieve a minimum of **40% non-fossil origin fuel** in all MotoGP™ classes **by 2024**;
- achieve **100% of non-fossil origin fuel** in all MotoGP™ classes **by 2027**.

The sustainable fuels are being developed for the purpose of being used in a standard internal combustion engine. The methods applied for the development of the non-fossil origin fuels are: laboratory-created using carbon capture scheme components; and municipal waste or non-food biomass derivation. In order to achieve these results, MotoGP™ teams and suppliers are closely working to create **sustainable fuels which can considerably reduce on-track environmental impact** and which could also be a stepping stone in the development of sustainable mobility in urban settings.

Furthermore, starting from 2023, Dorna's permanent logistics fleet operating in Europe will include 13 IVECO S-Way trucks, which have engines compatible with the **second generation of Hydrotreated Vegetable Oil (HVO)**. These trucks are also equipped with **fuel-saving devices**, which include: an anti-idling function, which automatically turns off the engine after the vehicle is parked for a set amount of time; the eco-roll feature, which takes advantage of vehicle inertia in downhill stretches; and other intelligent driving auxiliaries.

The 2022 FIM MotoGP™ World Championship is made up of 20 events which take place all over the world, and at different circuits which host the championship. As a result, the facilities and services related to the events cannot be considered as self-sufficient from an energy standpoint, but they are equipped to use the electricity supplied by the circuit's power grid.

To establish how the circuits manage their energy supply, they were involved in the project through an online self-assessment, which revealed that **36% of circuits** which replied to the sustainability questionnaire **have a photovoltaic system which partly powers their facilities**, and **75% of circuits** which replied to the questionnaire **partly or completely use renewable energy** to power their facilities.

**36%**

OF CIRCUITS WHICH HAVE A PHOTOVOLTAIC SYSTEM TO PARTLY POWER CIRCUIT'S FACILITIES<sup>10</sup>

**75%**

OF CIRCUITS WHICH PARTLY OR COMPLETELY DEPEND ON RENEWABLE ENERGY TO POWER THEIR FACILITIES<sup>10</sup>

As far as on-track energy efficiency, the FIM MotoE™ World Cup has implemented electric chargers. The Juice Roll Race Edition chargers were specifically developed by Enel X for this racing championship, and they were implemented for the first time at the Jerez de la Frontera 2021 race. They can charge the electric motorbikes in about 40 minutes. While charging the bikes in the E-paddock, the charging system can supply up to 1MW across 20 chargers.

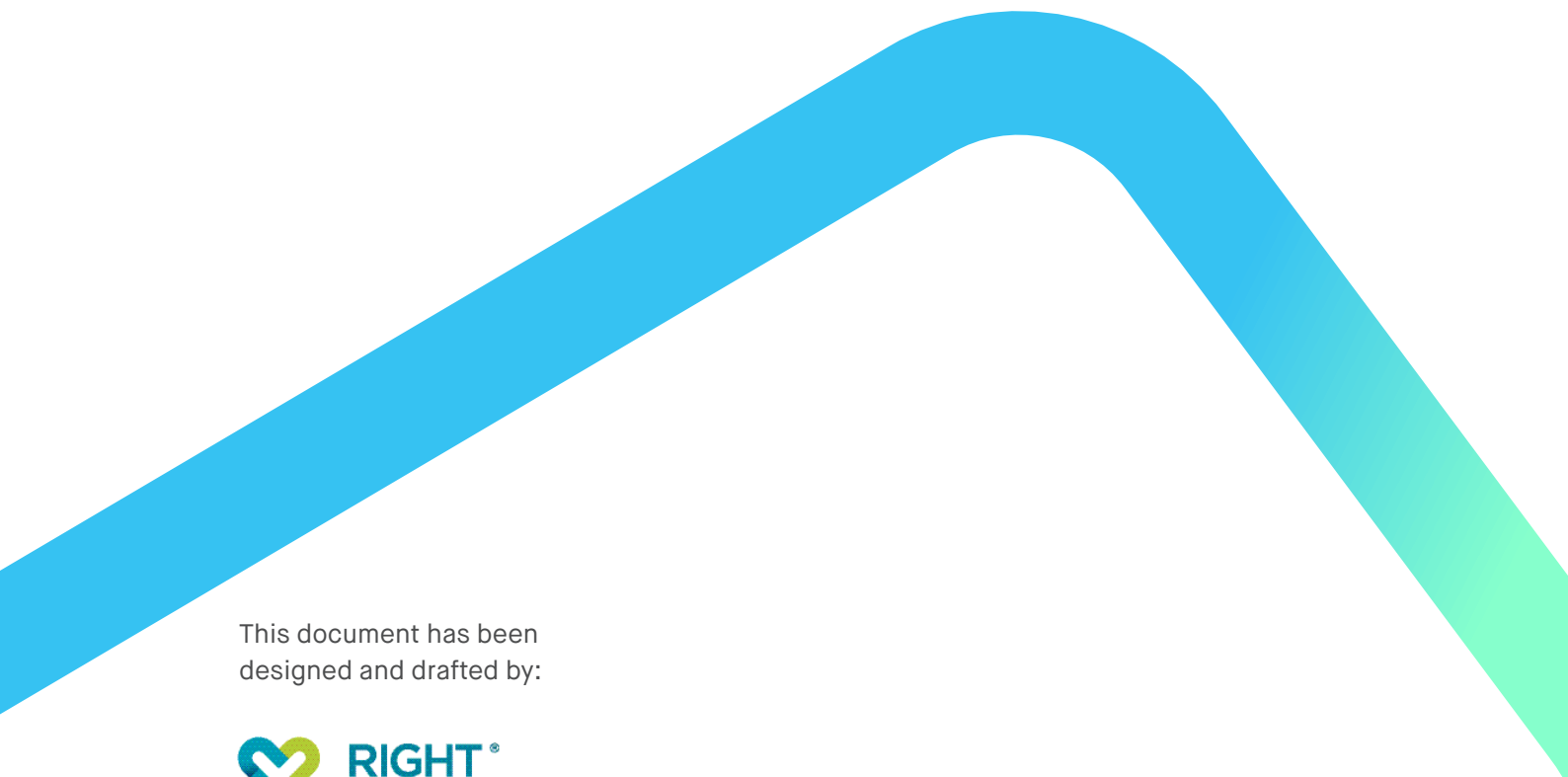
■ 10. According to circuits which completed the self-assessment (12/20)

The Juice Roll Race Edition is made up of two-units: a semi-mobile unit and a mobile unit. The following are the characteristics of the semi-mobile unit (SMU): 50 kW DC output, AC input from the grid of up to 22 kW, 51 kWh embedded storage system, and **additional energy which can be provided by 60 3Sun bifacial solar panels**, for a total installed capacity of 21 kWp. While the characteristics of the mobile unit are: moveable 10 kW DC charger, powered by the SMU, 6 kWh embedded storage system, which can power electric tyre warmers.

Finally, Dorna's Barcelona office is equipped with **panels for thermal insulation** in the façade in addition to **thermal and acoustic insulation glass** to optimize the heating or cooling of the building. There are also **9 charging stations** in the employee parking **for electric vehicles**. Furthermore, the installation of solar panels is being planned, to reduce the environmental impact of the building as well.

The actions refer to the following SDGs e ISO 20121 values:





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