



# ISO 20121 SUSTAINABILITY REPORT

Mugello Circuit  
2021-2022

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With a view to continuous improvement, please send any suggestions, possible improvements or comments regarding the contents of this Sustainability Report to the following email address: [info@mugellocircuit.com](mailto:info@mugellocircuit.com)

# INTRODUCTION

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**Mugello Circuit** is an iconic motoring and racing circuit located in the municipality of **Scarperia e San Piero**, in the Province of Florence, Tuscany. The racetrack, owned by **Ferrari** since 1988, has undergone several extensive renovations, most notably in 2011. The various innovations introduced have made it **one of the best known circuits in the world**. Mugello Circuit has achieved the highest levels of approval with **Grade 1 certification from F.I.A.** (Fédération Internationale de l'Automobile) and **Grade A certification from F.I.M.** (Fédération Internationale de Motocyclisme).

The circuit's commitment to sustainability, on environmental, social and economic levels, aligns closely with the efforts made by **Ferrari N.V.** on this crucial topic. Ferrari has structured its **commitment to sustainable development** through a **Sustainability Strategy**, identifying one of its main challenges as integrating sustainability issues into the decision-making processes across all departments.

**Ferrari places its community at the heart of its production process and racing competitions.** In recent years, the goal of reducing the environmental footprint of products, business processes and activities has been consolidated, alongside a continued commitment to economic and social well-being.

Ferrari is reviewing its entire value chain to improve sustainability at all levels of its business activities in response to global challenges.

Given the strong bond between the Ferrari brand and the circuit that has existed for over 30 years, **Mugello Circuit** has decided to further develop its **commitment to sustainability** through an integrated certification path. This includes adhering to various international standards, such as **EMAS** and **ISO 14001** for environmental factors, **ISO 9001** for quality management processes, and **ISO 45001** for occupational health and safety.

Mugello Circuit's General Management has undertaken a three-year project to create and implement a **management system** that aligns with the internationally recognised standard of **ISO 20121 - Event Sustainability Management**. This Sustainability Report serves as an information document for the purposes of the standard. On 4 September 2020, **Mugello Circuit became the first racetrack in the world to obtain ISO 20121 certification**, around the time of the exceptional Formula 1™ Grand Prix that was hosted by the circuit due to disruptions to the calendar caused by the Covid-19 epidemic.

# PURPOSE OF THE SUSTAINABILITY REPORT

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The aim of this document is to summarise and present in detail the objectives and results of the actions taken to **improve the environmental, social and economic impact of Mugello Circuit over the two-year period 2021-2022**. This report is intended to provide transparency and promote the sharing of information, serving as a point of reference and comparison for the development of sustainability goals for all stakeholders involved in the ISO 20121 project.

*This report was prepared in February 2023.*





# BACKGROUND

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## Introduction

The Autodromo Internazionale del Mugello, also known as **Mugello Circuit**, was built in 1972 on an area of around 170 hectares at the suggestion of the Automobile Club of Florence. The aim was to create a better venue for the region's traditional motor racing competitions, which had become too hazardous.

In 1974 the circuit became a permanent racetrack, and in 1988 it was purchased by **Ferrari S.p.A.**, which went on to upgrade it with the latest technology and amenities. In 2008, the company "**Mugello Circuit S.p.A.**" was founded, a Ferrari S.p.A. subsidiary which manages the Tuscan circuit. Described by many drivers as one of the most impressive and challenging circuits in the world, the **5,245 metre** track winds through the gentle slopes of the Tuscan hills, comprising a total of 15 bends.

## Events

In 2022, Mugello Circuit hosted **239 days of track events**, up from 145 in 2021, and **27 days of off-track events**, compared to 16 in the previous year. The 2021 racing calendar featured 13 main events, with the most prestigious being the **MotoGP™ Italian Grand Prix** at the end of May. Other motorcycling events were Rounds 1 and 5 of the **C.I.V. (Italian Speed Championship)**, while at motor racing level the circuit hosted two rounds of the **A.C.I. (Automobile Club of Italy) Racing Weekend**, and in October the rounds of the Italian F4 and the **Formula Regional Championship** and the **Ferrari Finali Mondiali**. The 2022 racing calendar featured 15 main events. As ever, MotoGP™ Italian Grand Prix was the standout event, with **74,078** fans attending the three-day weekend. The C.I.V. (Italian Speed Championship) and A.C.I. (Automobile Club of Italy) Racing Weekend rounds also continued.

## Facilities

In the vast green area occupied by the circuit, alongside the racetrack there are numerous on-site amenities, the main one being the **Palazzina**, a building located in front of the paddock area. The building is made up of four storeys, with the ground floor fully taken up by the garages, which come complete with all necessary facilities and equipment. The other floors are used for management offices, a press room, and other rooms including a self-service restaurant run by Chef Express (Cremonini Group).

The Palazzina stretches across a large courtyard, known as the **Paddock** – over 40,000 m<sup>2</sup> dedicated to hosting trucks and motorhomes at racing events. This is a multi-purpose space for organising initiatives and events, taking full advantage of the circuit facilities.

In front of the Palazzina lies the **Central Grandstand**, with a capacity of approximately 4,500 seats. This is an open-air two-tier structure that accommodates crowds at large-scale events. The floor of the circuit's central grandstand is covered with a ceramic material that is both **eco-active and anti-bacterial**. It is capable of breaking down the most common air pollutants. Thanks to the micrometric particles of titanium dioxide (TiO<sub>2</sub>) on the floor slabs, this innovative system has the ability to **significantly reduce toxic pollutants**. This technology has been demonstrated to have extraordinary bactericidal activity, as well as the ability to reduce pollution levels below the 40 µg/m<sup>3</sup> threshold in just over three hours - as shown by tests conducted by researchers at the University of Milan. In essence, the laying of more than 4,000 m<sup>2</sup> of these slabs brought the equivalent NOx reduction of more than 1,200 large trees to Mugello Circuit.

In a separate building, located close to the Palazzina and in front of the track, is the **Medical Centre**. It has been fitted out with diagnostic, X-ray and medical emergency equipment, and is exclusively for use in the Circuit's racing activities.



On the other side of the Medical Centre, across the Paddock, there is **“il Mugellino” – an area for go-kart and mini-motorbike racing**, which is run entirely by an external company. There is also a **playground** specifically for children, where they can have fun and interact in a safe environment. The area has been designed with toys that encourage creative thinking in children. Several parking areas are available for those using the circuit, as well as large areas that have been set aside for public use, with associated services.

Mugello Circuit is a huge “oxygen lung”, covering **an area of 170 hectares, with 120 of those hectares being green spaces with plants**. It is estimated that this green lung absorbs **around 3,600 tonnes of CO<sub>2</sub> each year**. In the area, you can find a variety of plants, including oaks, firs, cypresses, and wild fruit trees like apples, plums, and peaches.

Mugello Circuit provides assistance to all individuals who require it, ensuring that they can fully enjoy every event and are accommodated in the best possible manner. The circuit has **three designated parking areas for individuals with disabilities** in close proximity to the Medical Centre, as well as **five parking areas** near to the motorcycles parking lot.

## Commitment to sustainability

Mugello Circuit is one of the leading contenders in the **Sustainable Circuits Index™ (SCI™)**, which is a unique and independent study aimed at evaluating the sustainability performance of 96 of the world's top motor racing tracks. While in the 2021 edition it ranked first, in 2022 it ranked second behind the Circuit de Barcelona in Spain and ahead of the Circuit Paul Ricard in France. In addition, the circuit was the first in the world to achieve 3-star level, the highest level of accreditation according to the **F.I.A. Environmental Accreditation** issued by F.I.A. (Fédération Internationale de l'Automobile) **in 2015**. This award aims to help motorsport stakeholders to measure and improve their environmental performance.

In 2020, Mugello Circuit received certification from TÜV NORD Italia as a “location” for hosting sports and motoring events, conferences, cultural events, music events and photo shoots. This certification was awarded based on the ISO 20121 – Event Sustainability Management System standard, which outlines the requirements for environmentally, socially and economically responsible and sustainable event management.

This standard applies to both individual **events** and **series of events**, as well as to locations that host events, such as Mugello Circuit. It also applies to **event organisers** and **suppliers** of goods and services for events. The ISO 20121 standard is the only international standard that comprehensively covers the concept of **three-dimensional sustainability**: environmental, social and economic. It takes a **systemic and holistic** approach, going beyond the exclusive consideration of environmental issues.

The ISO 20121 standard was first introduced during the 2012 London Olympics to establish guidelines for organising sustainable events. The standard outlines specific requirements to ensure that events have **minimal impact on the environment** and **foster positive relationships with all stakeholders**: suppliers and customers, local authorities and communities, participants and users of events, associations and federations, and the media.

During the two-year period of 2021-2022, all environmental, social and economic impacts were taken into consideration and analysed in the planning and execution of activities. **Sustainability and continuous improvement are two cornerstones of Ferrari N.V. and Mugello Circuit's approach.**





# INTEGRATED POLICY - ENVIRONMENTAL, HEALTH & SAFETY, QUALITY AND SUSTAINABILITY

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Mugello Circuit was already highly aware of and committed to improving the health and safety of workers (certified **ISO 45001**, since **2018**), improving environmental impact (certified **EMAS** since **2019** and **ISO 14001** from **2009**), and improving business process quality (certified **ISO 9001** since **2017**). It has also decided to adopt an additional business management system, implementing and obtaining **ISO 20121** certification in **2020**, an international standard for the sustainable management of events hosted within its facility.

In this regard, the racetrack sets the following primary objectives in its policy:

- **Achieving the best possible occupational health & safety conditions for its employees and collaborators, as well as for contractors** Improvement of business process efficiency and system and equipment reliability, to identify any critical issues and prevent negative effects in the areas of occupational health & safety and environmental impact. Providing adequate information and training on environmental and health & safety matters for internal staff and contractors who carry out work on behalf of Mugello Circuit, to increase their awareness of the risks and the importance of adopting suitable prevention and protection measures.
- **Respect for the environment**  
In compliance with the company's strategic objectives, with the necessary economic resources and the best technology available, Mugello Circuit is committed to constantly and progressively improving the framework of its environmental and health & safety performance, and providing services of appropriate quality at a competitive price. The mission is the reduction of energy and water consumption, and of waste production, promoting its recovery and the reuse of used products, as well as the reduction of the use of hazardous substances in business processes and adoption of all possible measures to avoid accidental pollutant spills. Furthermore, Mugello Circuit is committed to the adoption of ecological criteria in its purchasing policy.
- **User satisfaction with the services offered**  
The circuit is committed to maintaining a high standard of service for both spectators and participants. This standard is tailored to meet user expectations regarding management and activities, while ensuring compliance with the requirements of the certifications obtained. Mugello Circuit always rises to the occasion and successfully engages in every aspect.

- **Improving the facility and the events it hosts with a focus on environmental sustainability, as well as the economic and social impact it has on the surrounding area**

Mugello Circuit aims to gradually increase the engagement of all stakeholders (customers, organisers, federations, employees, suppliers, teams, spectators, media, local community) to encourage all possible actions in the short, medium and long term to minimise environmental impacts and create positive value for the community.

The Integrated Policy – Environmental, Health & Safety, Quality and Sustainability is available in full on the [Mugello Circuit website.](#)

To establish its sustainable development policy and objectives, the General Management of Mugello Circuit has chosen to adopt several of the 17 United Nations *Sustainable Development Goals 2030 (SDGs)* that are relevant to its particular context.

Below are the SDGs - Sustainable Development Goals to which Mugello Circuit contributes.



**GOAL 2  
ZERO HUNGER**

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

**GOAL 3  
GOOD HEALTH AND WELL-BEING**

Ensure healthy lives and promote well-being for all at all ages.

**GOAL 4  
QUALITY EDUCATION**

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

**GOAL 7  
AFFORDABLE AND CLEAN ENERGY**

Ensure access to affordable, reliable, sustainable and modern energy for all.

**GOAL 9  
INDUSTRY, INNOVATION AND INFRASTRUCTURE**

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

**GOAL 10  
REDUCED INEQUALITIES**

Reduce inequality within and among countries.

**GOAL 12  
RESPONSIBLE CONSUMPTION AND PRODUCTION**

Ensure sustainable consumption and production patterns

**GOAL 13  
CLIMATE ACTION**

Take urgent action to combat climate change and its impacts.

**GOAL 15  
LIFE ON LAND**

Protect, restore and promote sustainable use of terrestrial ecosystems.

**GOAL 17  
PARTNERSHIPS FOR THE GOALS**

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

# THE ISO 20121 STANDARD AND ITS VALUES

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Mugello Circuit is dedicated to managing the circuit and its services in accordance with the principles and values advocated by the ISO 20121 standard. This includes:



## RESPONSIBLE MANAGEMENT

Mugello Circuit's policy is focused on environmental protection-oriented management, with the aim of continuously improving the environmental compatibility of its activities and reducing the consumption of natural resources, all the while while ensuring economic profitability. Mugello Circuit's General Management is committed to conserving energy, reducing greenhouse gas emissions, minimising waste production, and recovering waste whenever possible.



## INCLUSIVENESS AND ACCESSIBILITY

Mugello Circuit's General Management ensures that all stakeholders are treated equally and provided with equal opportunities, regardless of their ethnicity, skin colour, gender, religion, nationality, sexual orientation, disability, social background, or political orientation. This commitment is based on the principles of democracy and tolerance towards diverse ideas and ideologies.



## INTEGRITY

The management of Mugello Circuit considers the respect for internationally recognised human rights as a fundamental requirement for any business relationship. The management specifically rejects any form of forced or compulsory labour, including servitude or forced labour for prisoners, as well as the exploitation of child labour.

**TRANSPARENCY**

The General Management of Mugello Circuit is committed to communicating with its stakeholders in a manner that is clear, truthful and fair. This commitment is in accordance with the law and the principles of professional ethics.

**PARTICIPATION**

The General Management of Mugello Circuit operates with the goal of meeting and exceeding the expectations of its stakeholders. They actively involve these stakeholders in their activities to promote a culture of sustainability.

**LEGACY**

The General Management of Mugello Circuit aims to identify the legacy that the circuit leaves to the community, both present and future, characterised by a balanced approach to economic activities, environmental responsibilities and social progress.



# OBJECTIVES, ACTIONS AND PRIORITIES

To comply with the ISO 20121 standard, a **thorough evaluation of the context and features of the events held at Mugello Circuit is conducted**. In this regard, a number of **action areas** have been identified in order to improve **environmental, social and economic** impacts, drawing up a clear plan of **objectives and actions**. **Three specific areas** were given particular attention due to their significant impact, and were thus **identified as priorities**.

Below is a list of all the assessed action areas:

## **Sustainable events and social initiatives**

Organising the K.i.S.S. Mugello programme at the MotoGP™ Italian Grand Prix. Promoting events and activities that foster social inclusion and have a positive impact on the local community.

## **Communication, awareness and stakeholder engagement**

Inform and engage all stakeholders of Mugello Circuit (customers and organisers, federations, employees, suppliers, teams, spectators, media, local community) on matters related to sustainable development and their contribution to the sustainable management of the events in which they participate.

## **Separated waste collection and the circular economy**

Maximise the percentage of separately collected waste and promote the circular economy.

## **Energy efficiency and green energy**

Only use electricity produced from renewable sources.

## **Self-service catering**

Integrate sustainability into the self-service catering facilities.

## **Sustainable procurement management**

Implement a sustainable procurement system and supplier selection process, in close correlation with the decisions taken by the Procurement Department of Ferrari N.V.

In the interests of transparency and in order to ensure a **consistent monitoring of results**, key performance indicators (**KPIs**) have been established for each objective.

## Priority 1

### Sustainable events and social initiatives

Mugello Circuit is dedicated to incorporating activities with a positive **social impact** on the **local community** into its annual calendar of events. As such, it has launched various initiatives aimed at raising awareness among schools, associations, institutions and fans during major events.

During emergency situations, such as the Covid-19 pandemic, there has been an exceptional increase in efforts to support the local community, with a particular emphasis on those who are vulnerable and disadvantaged.

### The K.i.S.S. programme (Keep it Shiny and Sustainable) Mugello

The K.i.S.S. programme began its journey with its first edition at Mugello Circuit during the **2013 MotoGP™ Italian Grand Prix**. It was the first-ever sustainability programme in the world of motorsport, focusing on both environmental and social sustainability. It is supported by F.I.M. (Fédération Internationale de Motocyclisme), I.R.T.A. (International Road-Racing Teams Association) and Dorna Sports, the organiser of the F.I.M. MotoGP™ World Championship (Dorna Sports also obtained ISO 20121 certification as “organiser” in 2022).

The MotoGP™ Italian Grand Prix is the most important event for Mugello Circuit. During this week, the circuit has to manage its highest number of visiting fans, industry professionals, VIPs and television crews from all over the world.

**K.i.S.S. was also held with great success in 2014, 2015, 2016, 2017, 2018, 2019 and 2022.** This initiative was recognised as a best practice in the 2018 report **“Playing for our Planet”**, compiled by **UEFA, WWF and the Green Sports Alliance**. The report highlights **the world’s most effective environmental initiatives in sports**.

At the 2022 MotoGP™ Italian Grand Prix, the **K.i.S.S. Mugello** initiative was once again carried out, featuring the **“Pit Lane Walk Solidale”** event. Over 30 individuals with disabilities, accompanied by approximately 15 companions, were given the unique opportunity to tour the teams’ pits and meet with MotoGP™ riders and team managers.

**Furthermore, approximately 2,500 meals were collected and donated to Villaggio San Francesco in the municipality of Scarperia e San Piero (Florence)** and to Caritas in Florence – partner organisations of Banco Alimentare Toscana. The initiative involved the teams inside the paddock, the MotoGP VIP Village™, F.I.M. hospitality and Mugello Circuit’s hospitality areas and restaurant.

Past initiatives of the K.i.S.S. programme, in addition to the “Pit Lane Walk Solidale” and the meal donation, include:

- the distribution of about **20,000 separated waste collection kits to campers**, including one biodegradable bag, two coloured recycled plastic bags and instructions printed on **FSC®-certified paper (Forest Stewardship Council®)**. The kits were assembled by workers with disabilities employed by the **social cooperative Spazio Aperto**, based in Milan;
- a plan to **promote sustainable mobility awareness**, aimed at encouraging spectators to use public transport or carpooling, disseminated through Mugello Circuit's social media channels and website;
- a campaign to raise awareness about the issue of **cigarette butt littering**, with several cigarette-butt bins placed in the paddock and pocket cigarette-butt holders distributed for free to spectators;
- the **“K.i.S.S. Recycle and Win”** project was organised in the paddock area in collaboration with **COREPLA (National Consortium for the Collection, Recycling and Recovery of Plastic Packaging)**, to raise awareness among spectators about the proper disposal of PET plastic bottles, encouraging them to recycle them for use in new products. An **eco-compactor** has been installed that provides an incentive to users by returning a receipt saying whether or not they have won a recycled PET gadget when they deposit a PET bottle;
- the project **“Raccolta Solidale” of aluminium cans** in collaboration with **CIAL (Consorzio Nazionale Imballaggi Alluminio)** to support the **Meyer Children's Hospital Foundation**. The initiative **“+ We Recycle, + We Donate”**, with the aim of raising awareness among spectators for better recycling during the Grand Prix. The result in 2017 was a **donation of €5,000** to the “Support for Health Activities” project, specifically for the clinical development of the Meyer Children's Hospital in Florence;



- the **collection of coffee grounds** for the purpose of creating a circular economy, with the grounds to be transformed into compost by the **social cooperative “il Giardinone”** in Milan; the compost will then be used to produce the **“Fungo Box”, a compost box for growing edible mushrooms at home. A total of 40 kg of coffee grounds were collected in 2019, which produced 50 Fungo Boxes.**

The **K.i.S.S. Mugello programme will mark its tenth anniversary in 2023**. To make the occasion truly unforgettable, a range of engaging and inclusive activities are being planned.

**2500**

**approx.**

MEALS DONATED  
DURING  
K.I.S.S. MUGELLO 2022

**30**

PEOPLE WITH DISABILITIES  
(WITH 15 ACCOMPANYING  
PERSONS) INVOLVED IN  
THE “PIT LANE WALK  
SOLIDALE” DURING K.I.S.S.  
MUGELLO 2022

**7**

EDITIONS OF K.I.S.S. MUGELLO

## Social initiatives

Mugello Circuit has always been committed to fostering relationships with both public and private entities in the surrounding area. The collaboration between the **Carabinieri Corps** and Mugello Circuit features a range of activities: promoting education and law-abiding behaviour, as well as respect for the rules of the highway code, with specific initiatives to encourage safe driving towards the ultimate goal of improving safety for all road users, particularly the youngest. At times, the circuit is exclusively reserved for the **safe driving course of the Tuscany Carabinieri corps**. This course is conducted by Carabinieri instructors who are appropriately trained.

These activities are part of a high-level qualified training course that caters to the operational requirements of emergency response. The courses are designed for all Carabinieri drivers in the Nucleo Radiomobile and the S.O.S., which are newly established Operational Support Teams of the Mobile Battalions, responsible for countering terrorist events.

Other initiatives held in 2022 included the **C.I.V.** (Italian Speed Championship) in collaboration with **F.I.M.** (Fédération Internationale de Motocyclisme). As part of this collaboration, a minibike driving course was conducted for 50 children between the ages of 6 and 12. Other notable activities included 350 students from **Enrico Fermi High School** in Sesto Fiorentino visiting the circuit, as well as 60 seniors from the **Livorno Sports Association**.

Furthermore, twice a week, the circuit opens its doors to young cyclists from the **Club Ciclo Appenninico 1907** of Borgo San Lorenzo, providing them with a safe environment to train. Students from the Scarperia and San Piero Secondary School are frequently invited to the circuit for guided tours focused on **environmental education**. These tours allow students to explore the diverse array of trees, plants and birdlife that inhabit the green spaces of the circuit. This is a chance to demonstrate to children the process of constructing and installing **artificial nests**, which has transformed the Mugello Circuit **park into a suitable environment for migratory birds to reproduce**.

## Combating Covid-19

During the challenging period of the **Coronavirus epidemic** in Italy and across the globe, Mugello Circuit **played a significant role in supporting the emergency response efforts**. The circuit provided donations to the Region of Tuscany **of two ventilators, two intensive care monitors, four defibrillator monitors, a digital ECG machine and other resuscitation kit**.

In June 2021, a **Vaccine Hub** was established at the Circuit with the capacity to administer 360 doses per day, open 14 hours a day, including Sundays. This Hub was set up to ensure complete coverage for the Mugello population and provide an additional option for all patients under the care of the **Central Tuscany health service**. The establishment of the Hub at the circuit was made possible through the joint efforts of the Società della Salute Mugello, the Municipality of Scarperia and San Piero, Mugello Circuit and various voluntary associations.

The actions in Priority 1 refer to the following SDGs and ISO 20121 values:





## Priority 2

# Communication, awareness and stakeholder engagement

**Stakeholders means all individuals or groups who are involved in or impacted by the activities of Mugello Circuit.** The ISO 20121 project began with **stakeholder mapping** and identifying suitable actions to engage with them and increase their understanding of sustainable development issues. In addition to being a requirement of the ISO 20121 standard, the active participation of all stakeholders has been found to be a crucial factor in **achieving the sustainability objectives of Mugello Circuit.**

The [Mugello Circuit website](#) has a dedicated section on sustainability, which clearly and authoritatively informs all stakeholders of the commitment made to sustainable management. In this section, you can find several downloadable documents, including the **sustainability policy**, the **ISO 20121 certificate** and the **Sustainable Circuits Index™ (SCI™)**.

To enhance stakeholder engagement, a set of guidelines for sustainable events has been developed for the organisers of activities at Mugello Circuit. These guidelines have been included as an annex to the circuit regulations to ensure that all stakeholders are aware of them and can provide their feedback. A guideline or [“vademecum” for sustainable spectators](#) is also providing advice on how to act responsibly both during events and in everyday life.

Nine companies, who are the primary suppliers of goods and services, **were involved in a more direct and customised form of online self-assessment.** A questionnaire was used to **assess the sustainability profile of the company.** The questionnaire considered various aspects such as **certifications, company policies, sustainability criteria in the supply chain, and voluntary initiatives aimed at improving the environmental, social and economic impact of products and activities.**

As well as being as a crucial means of communicating the objectives of the ISO 20121 project to stakeholders, the self-assessment also acts as a foundation for developing additional initiatives that encourage their active participation in enhancing Mugello Circuit's sustainability performance.

Below are some of the main data points collected.

**67%**

OF SUPPLIERS HAVE AN ENVIRONMENTAL AND/OR SOCIAL SUSTAINABILITY POLICY

**83%**

OF SUPPLIERS HAVE A PROCUREMENT PROCESS THAT TAKES INTO ACCOUNT ENVIRONMENTAL AND SOCIAL CRITERIA

**67%**

OF SUPPLIERS PROVIDE GOODS/SERVICES THAT HAVE ENVIRONMENTAL/SOCIAL CERTIFICATIONS AND/OR CONTRIBUTE TO REDUCING ENVIRONMENTAL IMPACT/IMPROVING SOCIAL IMPACT

**83%**

OF SUPPLIERS ARE PLANNING SPECIFIC INITIATIVES TO IMPROVE THEIR ENVIRONMENTAL, SOCIAL AND ECONOMIC IMPACT OVER THE NEXT TWO YEARS

The actions in Priority 2 refer to the following SDGs and ISO 20121 values:



## Priority 3

### Separated waste collection and circular economy

When it comes to caring for the environment, **waste separation** plays a crucial role. Once waste is sorted, it is then sent for recycling. This process involves recovering the raw materials that make up the waste and reintroducing them into the **production cycle, promoting a circular economy**. On the other hand, if waste is collected without proper separation, it will ultimately end up in a less environmentally friendly end-of-life process, such as landfills or incinerators.

**The practice of separated waste collection offers numerous benefits to the environment, society and the economy;** it is a powerful tool in the battle against **climate change**. Therefore, Mugello Circuit saw it as essential to install a waste separation system on its premises.

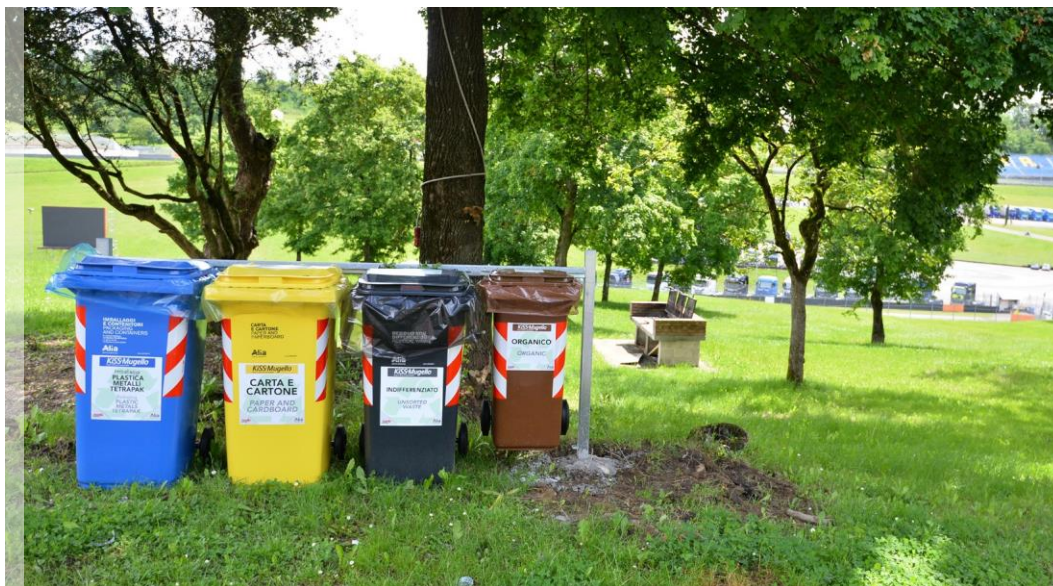
Within the circuit, there are **43 “micro ecological islands”** designated for separate waste collection, as well as **49 bins for cigarette butts**. Mugello Circuit has outsourced waste management to **Cooperativa L'Orologio**, which is responsible for ensuring the proper allocation of waste. The method used to divide and relocate the containers in both the paddock and spectator areas was particularly effective.

Each “micro ecological island” is organised into four 120-litre bins: paper and cardboard, packaging (plastic, glass and metal), organic waste, and other non-separated waste. The bins are placed on a metal platform that is specifically constructed for this purpose, which can be easily moved using a forklift truck (but not by hand). This means that two fundamental aspects can be taken care of in the management of waste collection during events: the containers can only be moved by workers, and the containers on each island cannot be separated, resolving the issue where users tend to dispose of waste in the nearest bin instead of the correct one.

The meticulous management of separated waste collection has yielded an outstanding result, with **43% of waste being collected separately during the 2022 MotoGP™ Italian Grand Prix**. In annual terms, 165 tonnes of sorted waste were recovered in 2021 and 167 tonnes in 2022.

To reduce the usage of 500 ml PET bottles, multiple 18-litre water dispensers have been installed in the communal areas of the Palazzina. Additionally, over the course of two years, **75 Tritan water bottles** have been distributed to employees of Mugello Circuit. Tritan is a material that is environmentally friendly due to its 100% recyclability and lack of harmful components. Ninety-four water dispensers were consumed in 2022, which corresponds to a total of 1,692 litres. This is equivalent to avoiding the use of **3,384 500 ml PET bottles in a year**. Additionally, it is estimated that this reduction in plastic bottle usage will result in the **avoidance of approximately 290 kg of CO<sub>2</sub>e emissions<sup>1</sup>**.

In terms of water supply, the entire circuit is equipped with drinking water. Additionally, there are **120 drinking water dispensers available to the public free of charge**. It was **estimated that this avoided the use of approximately 75,000 500 ml PET bottles during the 2022 MotoGP™ Grand Prix** – equivalent to avoiding an estimated **6,450 kg of CO<sub>2</sub>e<sup>1</sup>**.



■ 1. According to the Life Cycle Assessment approach, an estimated 86 g of CO<sub>2</sub>e is emitted per 500 ml PET bottle.

In terms of managing **waste associated with track and road sweeping residues** at the circuit, Alia Servizi Ambientali S.p.A. is responsible for collecting and delivering the material to the Ecocentro plant located in Montemurlo, Province of Prato. The waste undergoes mechanical sorting and selection, and the resulting fractions are allocated as follows: organic fractions (e.g. leaves) are composted; metals are sent to smelters, while sludge accumulations are sent to furnaces; sand and gravel is collected and reused. In 2021, a total of 21 tonnes of waste was delivered, whereas in 2022, the amount decreased to 18 tonnes.

# 43

NUMBER OF MICRO ECOLOGICAL ISLANDS FOR SEPARATED WASTE COLLECTION

# 43 %

PERCENTAGE OF SEPARATED WASTE COLLECTION DURING THE MOTOGP™ ITALIAN GRAND PRIX 2022

# 3,384

500 ML PET BOTTLES AVOIDED IN OFFICE AND PUBLIC/SPECTATOR AREAS

# 290 kg CO<sub>2</sub>e

AMOUNT OF CO<sub>2</sub>e AVOIDED BY USING 75 TRITAN BOTTLES

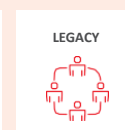
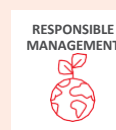
# 75,000

500 ML PET BOTTLES AVOIDED DURING THE MOTOGP™ ITALIAN GRAND PRIX 2022

# 6,450 kg CO<sub>2</sub>e

THE AMOUNT OF CO<sub>2</sub>e AVOIDED THANKS TO 120 WATER DISPENSERS

The actions in Priority 3 refer to the following SDGs and ISO 20121 values:



# OTHER AREAS OF FOCUS AND COMMITMENT

## Energy efficiency and green energy

The procurement of energy and optimisation of energy consumption is a fundamental aspect of Mugello Circuit's sustainability practices. The Central Grandstand is equipped with more than 2000 photovoltaic panels, each with a capacity of 252 kWp, installed on its roof. This installation allows the circuit to meet approximately 10% of its total energy requirements as of now. **The racetrack services were supplied with 129,120 kW of power from the photovoltaic system in 2021, and 120,000 kW in the first half of 2022. The aim of this initiative was to prevent approximately 211 tonnes of CO<sub>2</sub>e emissions from the system's first year of operation in 2011.** The energy generated by photovoltaic panels, which have been in use since 2011, is gradually decreasing following a peak in 2013. This decline is attributed to the ageing of the panels over time. Mugello Circuit is considering replacing the current system with a newer technology that offers higher performance.

Furthermore, **Mugello Circuit has ensured that all of its energy is certified as "green"**, with 100% of the energy being purchased from the operator Enel Energia under a contract signed in June 2020. Green energy refers to electricity that is generated from renewable sources such as solar, wind, hydro and biomass. Furthermore, there are plans to install two new-generation micro wind turbines at the main entrance. These turbines will provide renewable electricity to meet the needs of the concierge office. The hospitality terrace uses an **LED system**, which has resulted in additional energy savings. LED luminaires were used for all new installations of the outdoor lighting system in the San Donato area, which includes 10 floodlights for the internal road network. Additionally, 7 floodlights and 3 street lights were installed in the Luco-Portineria entrance area using the same LED technology.

### 120,000 kW

ENERGY SUPPLIED BY THE  
PHOTOVOLTAIC SYSTEM IN  
2022

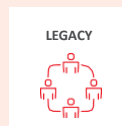
### 129,120 kW

ENERGY SUPPLIED BY THE  
PHOTOVOLTAIC SYSTEM IN  
2021

### 100 %

GREEN ENERGY  
PROCURED

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





## Self-service catering

Self-service catering is available at the main building. This facility is accessible to guests, operators, teams, drivers, staff, media and journalists on track days. In collaboration with the catering service provider, a set of measures has been implemented to guarantee the usage of **environmentally friendly materials**. All the **detergents and g products used for cleaning and hygiene are certified EU Ecolabel®**.

Self-service catering is run by **Chef Express (Cremonini Group)**, which is also responsible for providing catering services for the hospitality areas:

- Alternative menus are available for those with **coeliac disease, food allergies, and those following a vegetarian or vegan diet**.
- Chef Express runs a **system for collecting used cooking oil, which is then regenerated into vegetable oil**, totalling approximately **1,200 litres** over the last two years.
- **Local produce accounts for 15%** of total expenditure.
- **Metal cutlery, glassware and ceramic plates** are used, avoiding single-use items.

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



## Sustainable procurement management

Mugello Circuit is committed to implementing a **sustainable purchasing management system** in accordance with the policy of Ferrari N.V.'s Procurement Department. To this end, a supplier selection process has been established that entails adhering to several requirements. **The process of selecting suppliers is not solely based on the quality and competitiveness of their products and services. It also takes into account their commitment to social, ethical and environmental principles.** Key suppliers undergo a risk analysis process, which is designed to identify critical aspects. This process involves evaluating their financial compliance and reliability in terms of ethics, integrity and reputation.

The starting point of the practice is the application of the **Code of Conduct** for suppliers. Developed by Ferrari itself, the Code aims to promote the use and sharing of sustainable practices among business partners, suppliers and dealers.

All suppliers are required to adhere to the **Code of Conduct**, which encompasses the values that Mugello Circuit recognises, respects and promotes.

Key suppliers are assessed through a risk analysis which includes an economic and financial component, as well as an evaluation of their corporate structure.

Mugello Circuit purchases only **FSC®-certified paper for the printing materials used in its offices**. All **sanitisers and soaps** used have been selected based on sustainability criteria and are labelled with the **EU Ecolabel®** to certify their environmentally friendly nature.

Mugello Circuit has two main suppliers providing services at the circuit who employ **disadvantaged workers, including those with disabilities or legal immigrants**:

- **Cooperativa L'Orologio (Pontassieve, Florence)** is responsible for waste collection, cleaning and plumbing maintenance activities. Throughout the year, approximately five individuals are involved in these tasks. However, during the MotoGP™ Italian Grand Prix, the workforce increases to approximately 100;
- **Tecnostrade (Perugia)** is engaged in gardening and building maintenance services with a team of approximately 10 individuals, including five legal immigrants.

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



# FIGURES AT A GLANCE

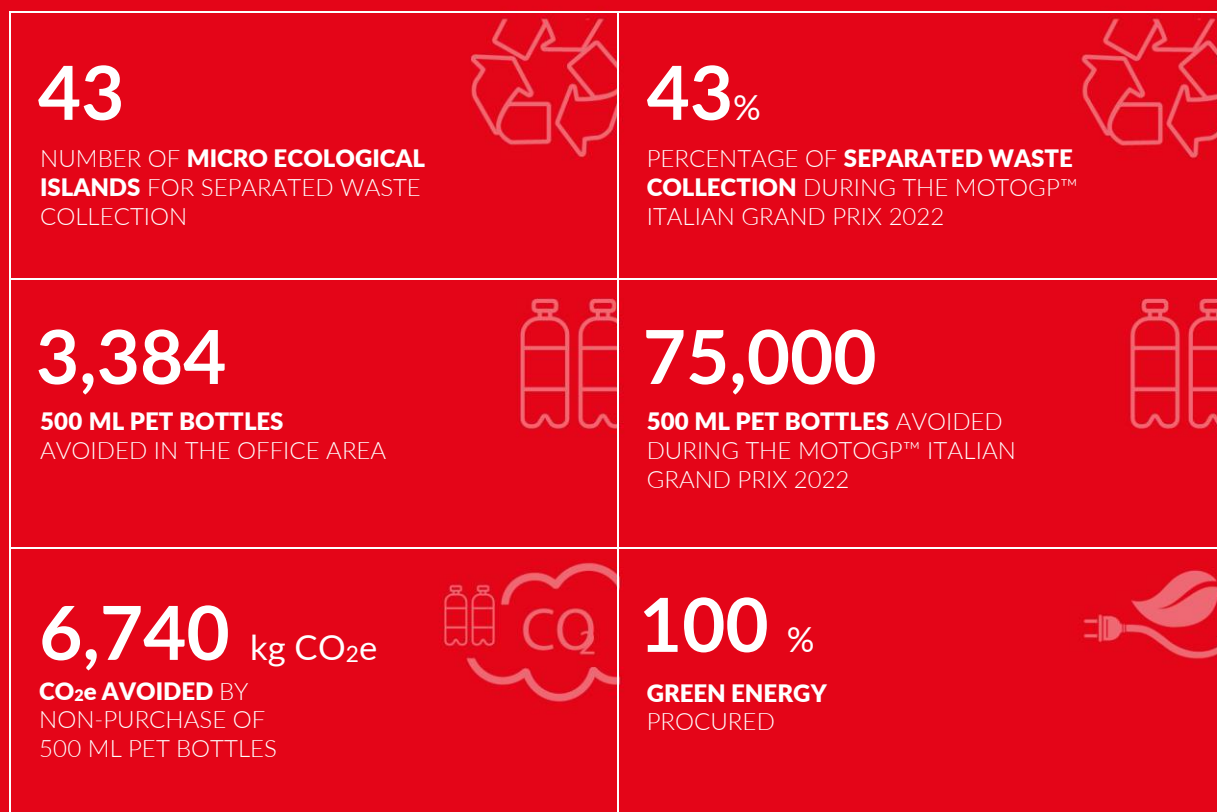
## Mugello Circuit



## Social Impact



## Environmental impact



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