

FIA WORLD RX OF PORTUGAL - LOUSADA



31 MAY - 1 JUN

ORGANIZED BY



Environmental Sustainability Programme

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Introduction

The Clube Automóvel de Lousada (CAL), in collaboration with the Municipality of Lousada, waste management organisations and local sponsors, will implement an Environmental Sustainability Plan for the races held at the Circuito de Lousada.

This plan aims to minimise or eliminate the negative environmental impacts associated with motorsport activities, complying with the Environmental Sustainability Code of the Portuguese Automobile and Karting Federation (FPAK) and the FIA Environmental Strategy 2020-2030, namely in the implementation and development of sustainable practices.

For the 2025 edition, sustainability measures will be implemented in the following areas of action:

1. Noise
2. Waste
3. Water and Energy
4. Fuels and Soil Protection
5. Hygiene and Cleaning
6. Sensitisation
7. Carbon offsetting
8. Post-Event Cleaning and Replenishment

Race Officials

In matters relating to environmental matters, the officials to contact should be:

Race Director:

Vitor de Sousa – Contact: 916 771 936

e-mail: geral@cal.pt

Environmental Manager:

Carlos Pacheco – Contact: 912 555 400

e-mail: geral@cal.pt

Environmental partner representatives

By Ambisousa - Empresa Intermunicipal de Tratamento e Gestão de Resíduos Sólidos, EIM

Daniel Lamas – Contact: 967 054 722

e-mail: daniel.lamas@ambisousa.pt

By FCC Meio Ambiente, S.A.

Ruben Cavaco – Contact: 919 870 542

e-mail: rubencavaco@fccma.pt

NOISE

Noise management is one of the most sensitive aspects of motor racing circuits, especially when they are located close to residential areas or protected natural areas.

Whenever possible, effective measures will be put in place to monitor, control and mitigate the sound levels generated during events. This includes limiting opening hours to avoid disturbances at more sensitive times, such as at night.

Transparent communication with the local community, including publicising event calendars in advance, is key to maintaining a good relationship with residents.

In order to keep the noise from the activities inherent in a motorsport event at bearable levels for everyone, measures will be implemented to moderate the sound levels of the systems used to support the event, as well as the noise of the competition vehicles when they are switched on.

What	Where	When
Volume moderation of sound systems (maximum 83 dB(A))	Main stands and public areas	During events
Sound monitoring with certified sound meters	Complete circuit	During events
Plant/mobile barriers	Limits of the circuit near houses	Permanent
Limited activity hours (8.00-20.00)	Circuit	Always

Contribution to **Sustainable Development Goals (SDGs)**:



WASTE

The waste produced during an event of this nature is a sensitive area, given the number of participants and the public. To this end, measures will be implemented to reduce, collect and dispose of municipal waste, as well as waste from competitors' cars.

This is one of the most critical areas, especially given the diversity of waste generated during the races, vehicle maintenance and operation of the space.

To this end, collection points for undifferentiated and selective waste will be set up in areas where the public is most concentrated, and these will be collected at the end of each event. Ashtrays will also be installed, where possible, in the places where the public is most concentrated, so that cigarette butts can be properly separated and avoided on the ground.

There will be a dedicated area for depositing specific waste such as engine, transmission and lubrication oils (130208*), brake fluids (160113*), air filters (150203), oil filters (160107*), tyres (160103), batteries (160601*), among others.

What	Where	When
Reducing plastic use	Restaurant and public areas	Before and during events
Recycling bins	Grandstands, paddock, boxes	During events
Containers for engine, transmission and lubrication oils (130208*)	boxes and paddock	During events
Oil filters (160107*)	boxes and paddock	During events
Air filters (150203)	boxes and paddock	During events
Batteries (160601*)	boxes and paddock	During events

Contribution to Sustainable Development Goals (SDGs):



WATER AND ENERGY

Various measures will be implemented for the rational use of water and energy, including the washing of all competitors' vehicles at the final connection to the Paddock, using a low-pressure/low-consumption system and without contaminating the soil.

Also noteworthy is the provision of free public transport to Public Transport Zones, which is more environmentally efficient and at the same time helps to relieve congestion in sensitive areas during the race.

What	Where	When
Car washing with a low-pressure system	Authorised service area	During events
LED illumination	Circuit and technical areas	Always
Paper reduction (digital board)	Control tower	During events
	Organisation - Use of low-emission vehicles	During events
Reduced fuel consumption	Public - promoting the use of public transport - providing free transport to the Circuit	Before and during events

Contribution to **Sustainable Development Goals (SDGs)**:



FUELS AND SOIL PROTECTION

Proper fuel management and soil protection are fundamental aspects of a motorway circuit, given the high probability of contamination by hydrocarbons and other dangerous products. Effective fuel storage, handling and refuelling systems are planned, ensuring that these processes take place in properly waterproofed areas and with spill containment systems. Pits, refuelling areas and maintenance areas should, wherever possible, be equipped with emergency kits, absorbent materials and controlled drainage systems, preventing harmful substances from seeping into the ground.

The continuous training of technical teams to act quickly and safely in the event of incidents is also an essential preventative measure.

During the race, measures will be implemented to contain any spillages of fuel or other contaminating fluids, specifically by providing spillage cleaning kits (fire brigade teams at the service of the event) and the use of environmental mats in the most sensitive areas.

What	Where	When
Absorbent carpets	boxes and paddock	During events
Spill containment kits	technical areas	During events
Drainage with a hydrocarbon separator	washing areas	Always

Contribution to **Sustainable Development Goals (SDGs)**:



HYGIENE AND CLEANING

The hygiene and cleanliness of the space are fundamental to maintaining safety, the well-being of users and compliance with good environmental practices on a motor racing circuit.

This should include the regular removal of waste, the washing of technical areas such as pits, paddocks and tracks, as well as the sanitising of common areas, including toilets and catering areas.

It is also important to ensure that the teams responsible are properly trained and equipped, and that there is a defined schedule for cleaning before, during and after events. Continuous monitoring of cleaning, combined with verification and rapid response systems, ensures that the space remains compliant with the required environmental and sanitary standards.

Well-maintained sanitary facilities and regular sanitisation actions are also key to providing adequate conditions for the public and the teams.

WCs will be made available in various locations, with regular cleaning of them.

What	Where	When
Regular waste removal	Various locations	During and after the events
Washing technical areas	boxes and paddock	During and after the events
Mobile and fixed toilets	Various locations	During events
Regular cleaning of communal areas	Circuit and benches	During and after the events

Contribution to **Sustainable Development Goals (SDGs)**:



SENSITISATION

Environmental awareness is a fundamental tool for ensuring the success of sustainable practices on motor racing circuits. Involving and educating all audiences - from the technical teams and organisers to the spectators - is essential for promoting conscious and responsible behaviour. Through information campaigns, educational signage and interactive actions, it is possible to reinforce the importance of environmental preservation inside and outside the event. Initiatives such as the distribution of information materials, the use of explanatory panels and encouraging the separation of waste all contribute to changing attitudes and adopting good practices. Training operational teams in topics such as waste management, rational use of resources and responding to environmental emergencies also strengthens the culture of sustainability.

In addition to information and awareness panels, environmental awareness actions are planned in the public areas and in the service park, as well as the availability of digital environmental guides on the rally's official channels.

What	Where	When
Digital environmental guide	Website and social media	Before and during events
Information panels	Benches and technical areas	During events
"Clean Circuit" campaign	All areas	During events

Contribution to **Sustainable Development Goals (SDGs)**:



CARBON OFFSETTING

Managing carbon emissions is one of the priorities of an effective environmental plan for car circuits, given the use of fossil fuels in this type of activity. It is essential to identify the main sources of emissions, such as the use of competition vehicles, the transport of equipment, the energy consumption of facilities and the travelling of the public. Based on this diagnosis, measures can be implemented to minimise the impact, such as optimising logistics, investing in renewable energies and carbon offsetting through reforestation programmes. In addition, encouraging sustainable mobility for spectators, such as the use of public transport and car sharing, contributes significantly to reducing indirect emissions.

In line with the objective set by the Portuguese Automobile and Karting Federation (FPAK) for carbon neutrality in motorsport, the Municipality of Lousada has launched a programme of environmental actions, namely planting trees and building ponds, as a way of offsetting the carbon produced during the event.

These actions will take place throughout the year, at appropriate times, with activities planned for the days before the races on the circuit.

What	Where	When
Planting indigenous trees	Municipality of Lousada	From November 2024 to April 2025
Pond construction	Municipality of Lousada	all year round

Contribution to **Sustainable Development Goals (SDGs)**:



POST-EVENT CLEANING AND REPLACEMENT

Post-event cleaning and replenishment actions are crucial to ensure that the motor racing circuit and its surrounding areas are returned to their original state, minimising the environmental impacts resulting from the activity. A structured clean-up plan immediately after the event has ended should include the collection and proper separation of all waste, cleaning of tracks, pits, stands and food areas, as well as checking for any contamination by oils, fuels or other chemical products.

It is also important to replace temporary infrastructure and restore green spaces, ensuring that the use of the site is environmentally sustainable in the long term.

The race logistics team is responsible for removing all publicity placed at the race. All the material will be cleaned and put away for use in future events, avoiding wastage of materials. Any plastic tape that may have been placed during the race will also be removed and sent for recycling.

The environmental partners responsible for waste management will collect all the waste produced and all the collection containers used for the event. The waste produced will be sent to the most appropriate final destination for the waste in question, preferably recovery.

At the end of the event, the organisation will do a complete lap of the Lousada international circuit to assess whether all the initial environmental conditions have been met.

Contribution to **Sustainable Development Goals (SDGs)**:



ENVIRONMENTAL INCIDENT REPORT

As soon as any environmental incident is detected during the race, for example related to hygiene and cleanliness in the circuit facilities, the spillage of liquids or the excessive accumulation of waste in a certain place, it must be immediately reported to the organisation for corrective measures to be taken.

Whenever possible, a photographic record should be made of the incident, as well as the action taken to correct it.

In addition, the training of the teams involved should be reinforced and checking routines adjusted to prevent future occurrences.

Contribution to **Sustainable Development Goals (SDGs)**:



ANNEXES

Annex 1 - Circuit plan

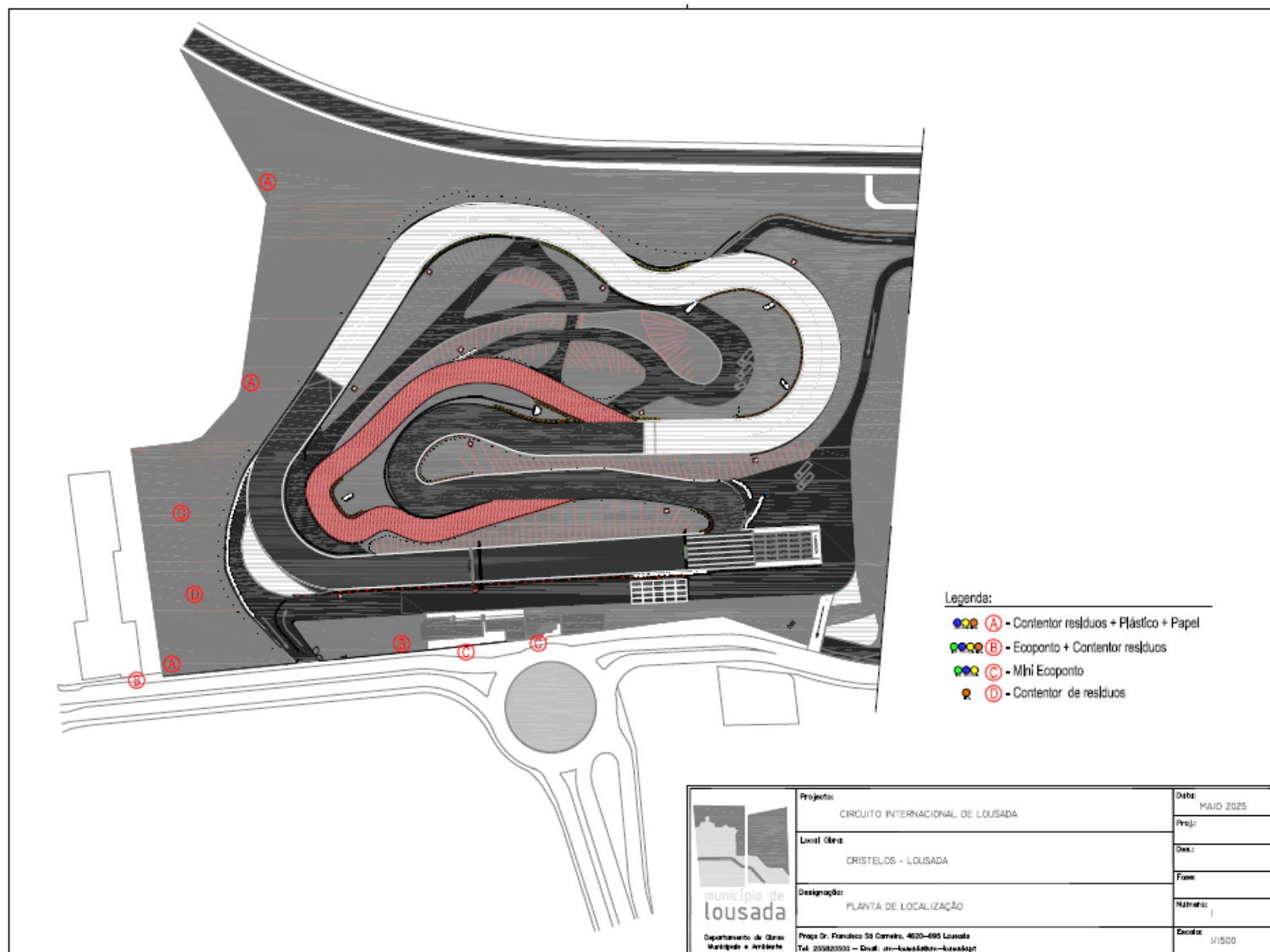
Annex 2 - Paddock plan

Annex 3 - Information/sensitisation panel

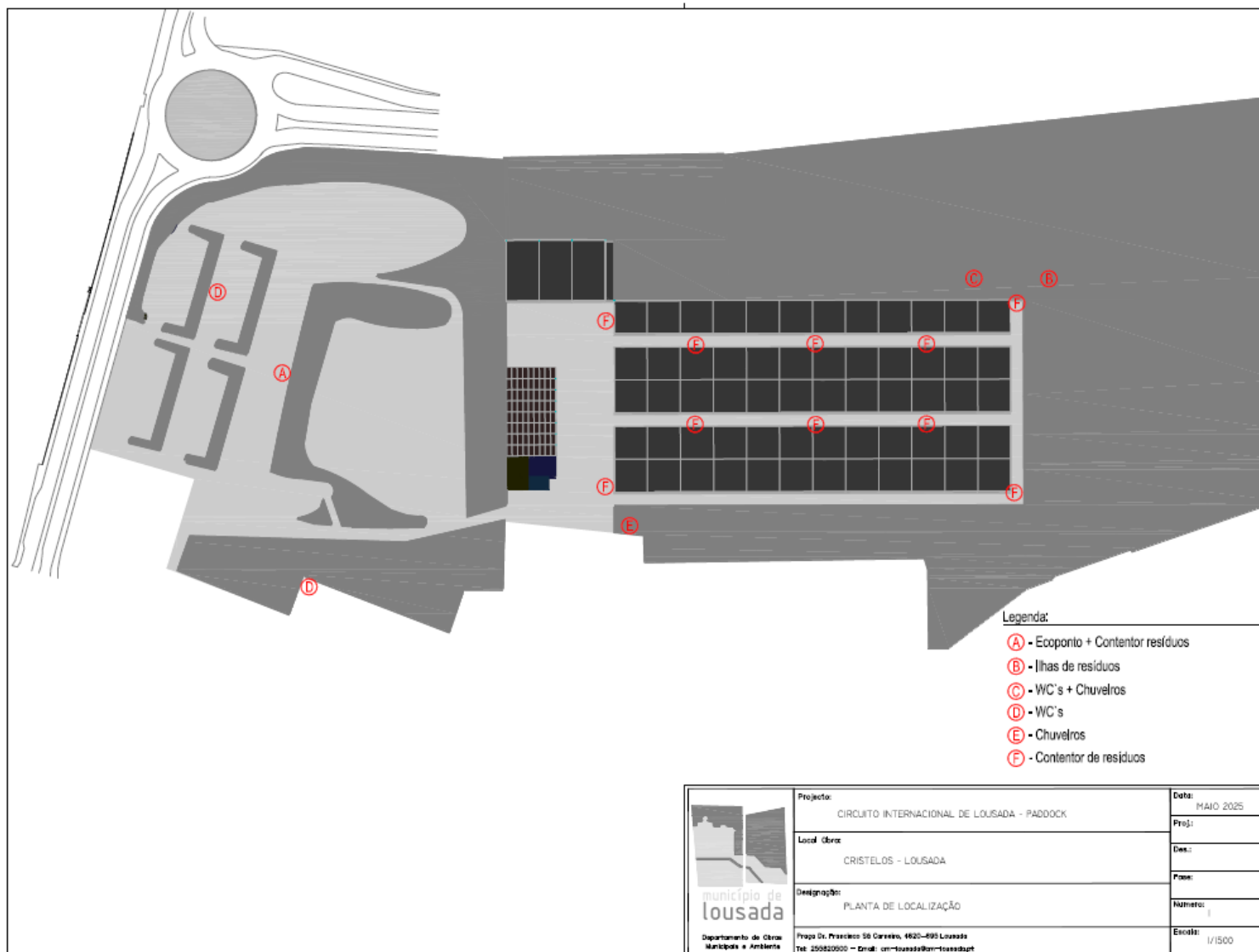
Annex 4 - Panel identifying the public transport pick-up points for the circuit

Annex 5 - Pond construction the day before the test

Annex 1 - Circuit plan



Annex 2 - Paddock plan



Annex 3 - Information/sensitisation panel

CONHECE OS 3 R'S?

Reduzir

Reduzir o consumo ao máximo, ou seja, ao fazermos as nossas compras devemos adquirir apenas produtos que são realmente necessários, eliminando a aquisição de bens supérfluos.

Reutilizar

Dar uma nova vida à embalagem. Utilizá-la para outro fim.

Reciclar

Transformar em algo novo aquilo que não pode ser reduzido nem reutilizado.

Tem dúvidas sobre a reciclagem de embalagens? Descubra as regras neste panfleto e eu esclareço todas as dúvidas!



VISITE AS NOSSAS ESTAÇÕES DE TRIAGEM



Estação de Triagem de Lustosa



Estação de Triagem de Rio Mau

Avenida Sá e Melo n.º 30 Cristelos
4620-009 - Lousada

+351 255 810 750
(Chamada para rede fixa nacional)










ambisousa

ONDE POSSO COLOCAR?



Regras de Separação de Embalagens

sociedade
ponto verde

PLÁSTICO E METAL	VIDRO	PAPEL E CARTÃO
 <p>DEPOSITAR ✓</p>  <p>embalagens de plástico, pacotes de bebida, latas, sacos de plástico</p>	 <p>DEPOSITAR ✓</p>  <p>garrafas, frascos, baldes</p>	 <p>DEPOSITAR ✓</p>  <p>caixas de cartão, revistas e jornais, papel de escrita e impressão</p>
<p>NÃO DEPOSITAR ✗</p>  <p>papel e cartão, pilhas, eletrodomésticos, outros plásticos que não embalagens</p>	<p>NÃO DEPOSITAR ✗</p>  <p>loças e cerâmicas, sacos de plástico, vidro plano e janelas, cristais e espelhos, lâmpadas, frascos de medicamentos</p>	<p>NÃO DEPOSITAR ✗</p>  <p>sacos de plástico, produtos tóxicos, papel sujo, fraldas, papel vegetal, papel plastificado, autocollantes</p>
<p>O SOUSINHA ACRESCENTA...</p> <p>✓ Envelopes, pacotes de leite, embalagens de batatas fritas e aperitivos, biscoitos de misturada e ketchup, corantes, copo de plástico descartável, tabuleiros de alumínio, iogurtes líquidos e sólidos, embalagens de detergentes, margarina e margarinas, frascos de champô, garrafas de vinho, garrafas de óleo alimentar, conservas, tubo de pasta dos dentes, lata de salsicha, fruta em calda, pacote de natas ou molho de tomate</p> <p>✗ Não depositar tupperware, cápsulas de café, canetas, talheres de plástico</p>	<p>O SOUSINHA ACRESCENTA...</p> <p>✓ Frasco de acetona, perfume ou cosmética, campainha, óvelo, cerveja, vinho, baldes de fruta, frasco de pickles, frascos de especiarias</p> <p>✗ Não depositar chávenas, pratos, copos, janelas, espelhos, pires, canecas, jarra</p>	<p>O SOUSINHA ACRESCENTA...</p> <p>✓ Caixas de fósforos, caixa dispensadora de lenços, papel de embrulho, caixas de sapatos, papel de escrita, caixa de cereais ou bolachas, envelopes, interior do rolo de papel higiénico ou de papel absorvente, sacos de papel do pão, caixa de ovos</p> <p>✗ Não depositar caixa de pizza com gordura, guardanapos de papel, papel autocollante, papel de cozinha, saco de chá</p>

Annex 4 - Panel identifying the public transport pick-up points for the circuit

RX FIA WORLD RALLYCROSS CHAMPIONSHIP

CAMPEONATO DO MUNDO FIA DE RALLYCROSS

LOUSADA

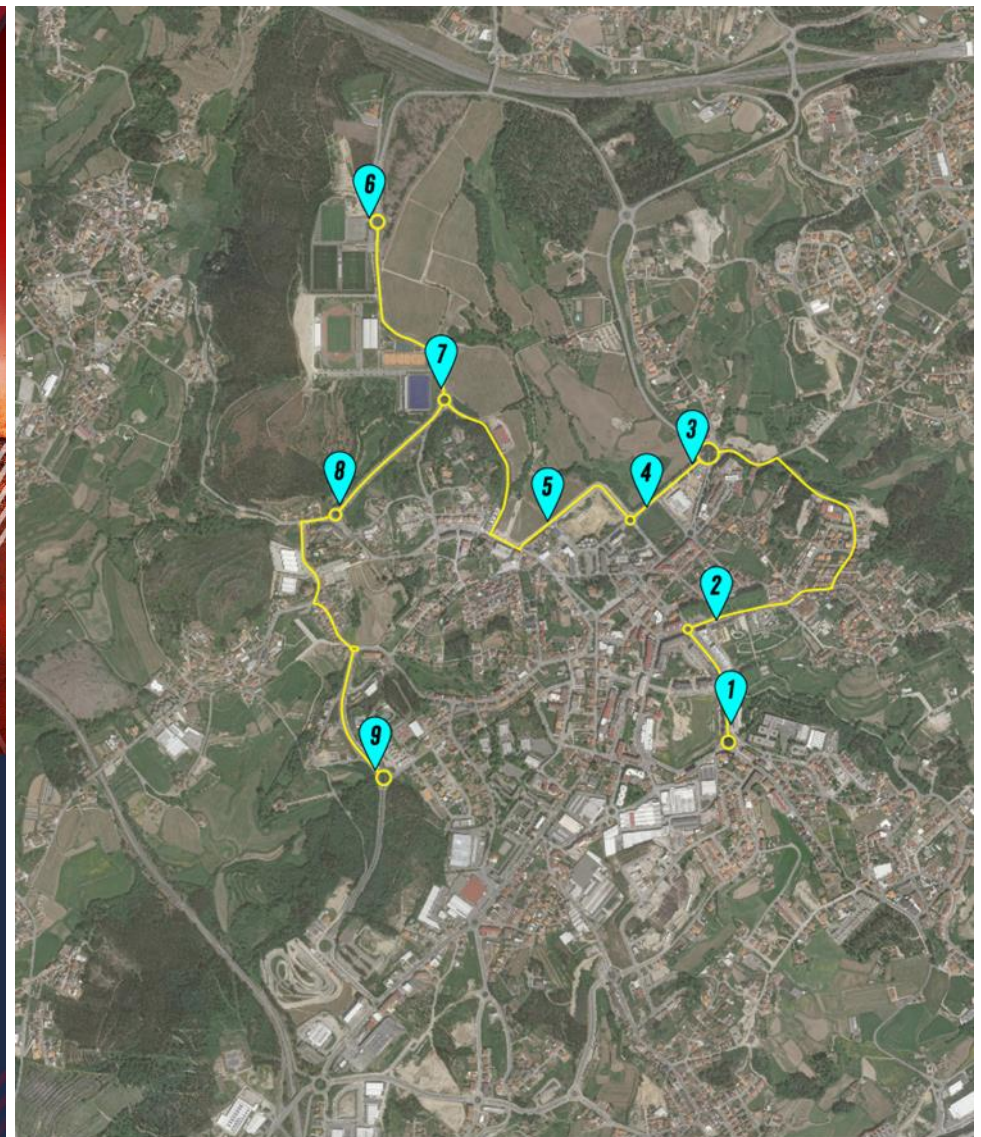
Red Bull
HORSE POWERTRAIN

31 MAIO - 1 JUNHO

ESTACIONAMENTO RECOMENDADO
TRANSPORTE GRATUITO
8H30 > 10H30 | 16H00 > 18H00

ORGANIZADO POR

CIRCUITO INTERNACIONAL DE LOUSADA



Annex 5 - Pond construction the day before the test

