

ECO GRAND PRIX – PERPIGNAN 2023

RULES AND REGULATIONS

// SCHEDULE //

28.05.2023

- 10:00** Parade of EV in Perpignan center (organized by Roue Libre, Lame 66, Tesla Club Occitanie)
- 11:00** Registration starts at the Palais des Congrès or Automobile Club Roussillon
- 14:00** Technical inspection of cars
- 15:30** Registration finish
- 16:00** Briefing at the Palais des Congrès
- 18:00** Line up at the start – Odometer photo
- 19:00** Start of first round
- 00:00** Finish of first round – drive to parc fermé – Odometer & battery photo

29.05.2023

- 06:15** Line up at the start in the ranking sequence – Odometer & battery photo
- 07:00** Start second round
- 10:00** Finish of ecoGP – drive to parc fermé – Odometer & battery photo
- 10:15** Networking meeting
- 11:00** Ranking calculation
- 11:30** Award ceremony
- 12:30** Good bye lunch (preregistration needed)

ecoGP is pleased to be back in France after our premiere in 2019 in Alès, with RIVE event.

Perpignan now comes with a huge mobility event with a lot of different activities around the track, where the special thrill is not only that the competitors are driving laps in the city center: the thrill is that the streets will be closed for ecoGP!

First time ever for ecoGP in the middle of the city!
Come and get Formula E feeling at the traditional Grand Prix racetrack from 1946 to 1949 (Circuit des Platanes).

// GENERAL RULES //

Only 100% electric vehicles are allowed to start. It is the first competition of the 2023 season. This challenge is part of the international eco Grand Prix ranking, so you will collect eco GP points added to your total amount.

The challenge is to drive as many laps as possible, within the 8h duration, charging included. One lap is about 2.5 km long.

Each team has to register with the car and minimum 1 pilot and confirm the registration by paying the fees before **May 25, 2023**. The captain and pilots must attend the briefing session on **May 28, 2023**.

Helmet is mandatory for the driver. Drivers may switch anytime and as often as wanted. Only one person may sit in the competing car.

Cars should start with max. 50kWh battery capacity, or 100% (if the battery capacity is less than 50kW).

Charging may be done at any time and as often as the team decides.

Charging points: 11kW on the red three-phase plug. If you don't have the appropriate adapter with you, each team should rent or buy one.

Some rules may change, depending on the weather and other conditions decided by authorities or Roue Libre organizer. The final rules, for all participants, will be published on May 28, 2023.

Security signs

Red phase / flag: stopping in progress for serious security reasons

Yellow phase / flag: cars must slow down for other security reasons

The maximum speed in the pit lane is 20km/h, exceeding it will trigger penalties.

Briefing session

- participants will be briefed by the ecoGP initiator Rafael de Mestre – simultaneously translated into French by Camelia Rusu (ecoGP France Country Manager).
- rules will be detailed in the presentation
- teams may ask questions for clarifications

Eco Grand Prix challenges are aimed to incite people to **use electric cars**.

We expect all teams and drivers to observe the general & local rules, helping each other to have fun and make an awesome event for everyone.

// REGISTRATION & DRIVING //

Only accredited pilots are allowed to drive the cars.

Overtaking on the pit lane is not allowed.

Overtaking during yellow or red phases is forbidden.

Overtaking the safety car is strictly forbidden when driving with warning lights / blinking yellow light.

Cars should start with max. 50kWh battery capacity.

Please note: We do not calculate degradation of the battery. The value specified in the car papers counts.

Penalties:

- Speeding more than 20km/h on the pit lane leads to penalty stops decided by independent marshals (in minutes).
- Cars running out of battery and not being able to reach the finish line = 5 laps subtracted.
- Start with battery charged more than 50kW leads to a subtraction of 2 laps per kW. e.g 60kW battery charged = minus 20 laps
- ecoGP organizers will apply penalties which will be communicated for the final ranking

Failure to observe the penalties leads to harder penalties till disqualification.

Pilots & car:

Final Registration mandatory on site at the Automobile Club du Rousillon or Palais des Congrès.

Team drivers have to present their driving license and have to sign the waiver.

One driver per team has to show his or the team's helmet at the ecoGP registration desk.

Car paper is checked in terms of battery capacity. After everything is done, every driver will get the bracelet allowing to drive as official ecoGP participant.

One of our ecoGP team members will give the ecoGP car plates, car stickers and all things needed to get access to the paddock (parc fermée).

Only teams who joined the briefing will be allowed to start.

Drivers can be changed at any time and as often as wanted.

In case a car is stuck or ran out of battery, the challenge may be stopped (red flag) until the car is towed out of the track.

// TECHNICAL INSPECTION //

Any kind of full electric cars are allowed to start. The inspection will be done by the “ecoGP Pit Bulls”, the members of the organization team paying attention to compliance with the rules. After the registration you have to drive your car to the parc fermée to go through the technical inspection where you may get some technical items mounted.

The cars have to be at the paddock/parc fermée on May 28, 2023 between 14:00 and 15:00.

Car owners have to allow the Pit Bulls to stick the car of the participant with stickers from sponsors (after the event the owners can keep them or take

them off).

If required, the owner of the car has to give access to a Pit Bull to mount lights, cameras or any other technical equipment needed to perform the competition or test the charging.

Cars failing to be there on time risk to be disqualified.

Owners not allowing access to the Pit Bulls to check or mount the needed equipment won't get the clearance to start.

// HOW TO WIN //

DRIVE as many laps as possible in the 8 hours, charging included!!!
Avoid penalties!!!

Every car category will set its own record, so BMW i3 will compete vs BMW i3, Renault ZOE vs Renault ZOE, Tesla 3 vs Tesla 3 ...

All car models starting will set the record to be beaten next time.

Another way to win is to check the participants list, to take a car model no one has and come to the start. If your car is the only one you will win in your category automatically but you should take care to make as many laps as possible because you wouldn't like your record to be beaten easily next year.

And then the thrill begins ... perfect team strategy, flexible charge stop strategy adapting to weather conditions, heating, cooling, a lot of factors which can make some laps more.

As you could see on TV at several channels like ZDF, NTV or MDR, www.youtube.com/watch?v=6sGw8W-wtjg, the ones driving faster than 80km/h lost the competition so, an energy efficient pace will make the winner.

// PARKING //

Only participating cars are allowed to be on the pit lane (even in the nighttime).

Guests & media should use Perpignan city public parking and parking areas.

// CHARGING //

The charging capacity is of 11kW and there is a limited number of plugs available.
There is no dedicated socket.

Participating cars will get access to a limited amount of 16A CEE sockets on the pit lane which will be shared following first come, first serve rule. In case there is a queue you have to unplug after one hour.

Some cars need an adapter to be able to charge 11kW. Some cars like Tesla have the needed 16A CEE charge cable on board. Please take care to bring your own chargers and adapters to be able to charge or rent them with a lead time of 2 weeks minimum. The mobile Charger NRG kick <http://www.nrgkick.com> can be plugged in 32 or 16A sockets (with adapter) and having a Type 2 plug for electric cars.

For AC one phase charging cars it is recommended to bring AC/DC converters available to rent at <https://shop.ecograndprix.com/collections/ev-charging>,

but please be informed that they are fast sold out. Battery buffering or swapping is forbidden. This would not reflect real life charging situation. We recommend that Tesla cars be charged at the Superchargers nearby before coming to the event.

No external heating or cooling system is allowed to be placed in the car during the whole competition. The rule is to be understood that no additional system, even battery powered is allowed to be in the car.

The only exception are power banks attached to video cameras or filming smartphones.

// ACCESS //

Participants and teams will get ecoGP bracelets.

Media: Media will get the media accreditation bracelet. They have to join the briefing to get the instructions and safety jackets before getting the permit to film or get photos, same rule applies to Youtubers.

// EXTRA INFO for accommodation in Perpignan //

May 27-28-29, 2023

Participants can get 10% discount at the following hotels, using promo code "ROUE LIBRE", for booking over the phone or by email (not online):

- Mercure Perpignan Centre
- Ibis Style Canet en Roussillon
- B&B Polygone Nord
- Campanile Perpignan Aéroport
- Kyriad Direct Perpignan Nord
- Première Classe Perpignan Nord