

# ECO GRAND PRIX – CALAFAT 2019

## RULES AND REGULATIONS

### // SCHEDULE //

#### 20.09

- 18:00** ecoGP team briefing at Circuit de Calafat
- 19:00** ecoGP team registration at Circuit de Calafat
- 20:00** Technical inspection & team photo shoot
- 20:30** Hotel shuttle service
- 21:00** Dinner at Hotel Llorca

#### 21.09

- 06:00** ecoGP breakfast & lunch packet pick up
- 06:15** Shuttle service
- 07:00** Line up cars at the pit lane
- 07:30** Introduction lap to the starting grid
- 08:00** ecoGP start 1
- 11:00** ecoGP finish 1
- 11:15** Optional test drives
- 12:00** Line up cars at the pit lane
- 12:15** Introduction lap to start grid
- 12:30** ecoGP start 2
- 18:30** ecoGP end
- 19:00** ecoGP Award Ceremony
- 21:00** Dinner at Hotel Llorca

#### 21.09 ecoGP 4 kids

- 11:00** ecoGP 4 kids registration
- 11:30** ecoGP 4 kids training
- 12:00** ecoGP 4 kids run 1
- 14:00** ecoGP 4 kids run 2
- 15:00** ecoGP 4 kids finals
- 16:00** ecoGP 4 kids Awards

## // HOW TO WIN //

The aim of this competition is to show to the world that electric cars can drive a lot of km more than expected even under the windy conditions near the sea at Calafat. In the last years records have been set up and broken. Your aim should be to set up a new record for your car brand or to come and set up a new one with a car which didn't start so far. The infrastructure in Calafat is not very strong so the CEE 32A sockets like I found them all around the world in the [www.80edays.com](http://www.80edays.com) rallies at the hotels I added to [www.chargehotels.com](http://www.chargehotels.com) are not as powerful as you would expect. So better to calculate 20kW and not 22kW. As on every eco Grand Prix here every car category will set its own record too, so BMW i3 will compete vs BMW i3, eGolf vs eGolf and Kia Soul E vs Kia Soul E and so on.

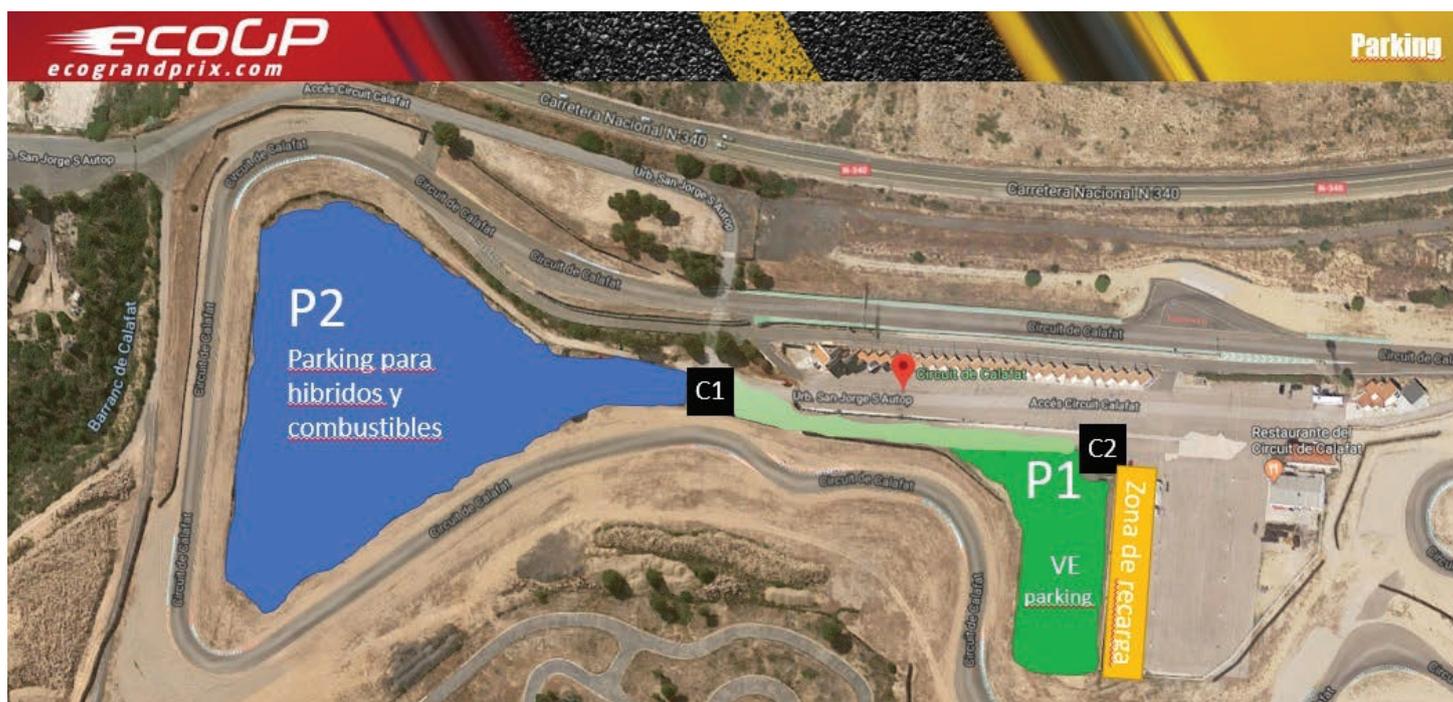
The easiest way to win is to check the website for the cars already started and to take a car no one other is taking. If you are the only one you will win in your category automatically but you should take care to make as many laps as possible to set up the record mark because you would not like your record to be beaten easily next year.

In case there is another car starting in your category you should take care that you can charge 22kW. If you don't have the appropriate adaptor with you, you should rent or buy one. 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 ...

## // PARKING //

Gas and Hybrid cars have to park at the P2 parking spaces. Parking at P1 is only allowed for 100% electric cars. You will be instructed at the entrance by a marshal at checkpoint C1 where to drive.





All electric cars will get access to 220V plugs if needed to charge their car during the day.

This way staying for instance 10 hours can give you a range of about 150km.

Gas cars belonging to exhibitors or teams have to leave the area at 8AM in the morning. Only caravans from teams are allowed to stay at P1 without having the motor running between 8AM and 8PM, these caravans have to get the P1 access sticker at the accreditation one day before the race. See Access section for details.

## // ACCESS //

**Guests** are welcome simply coming with their cars park and walk to the entrance C2 (see parking section) where they may pay the entrance fee in case they don't have a free ticket. The fee is 5€ starting by 16 years. Free tickets are only valid in paper form.

Children wanting to participate on kid's eco GP pay 5€ for participating at the registration office and can win a price.

**Participants** have to come to the Hotel Llorca <http://www.hotelllorca.com> one day before start on Friday 20.9.19 at 4PM (16:00) to the driver briefing and team registration. Please be informed that at the hotel there is no charging possible. It is 2 km away from the race track where you can leave your car to charge overnight if you want (recommended).

There will be an EV shuttle service:  
20.9. 8PM to 9PM  
21.9. 6AM to 7AM  
21.9. 8PM to 9PM

Access to the race track is only permitted wearing a helmet in a technical inspected, approved car alone without co-driver. If you want to rent a helmet please announce it upfront.

There will be no introduction lap for guests.

The team captains shall bring a deposit of 100€ in cash for the registration which he will get back after giving back the plates and other things he got lend from eco GP.

**Exhibitors** will get free entry tickets and bracelets at the entrance C2 and should wear the bracelets the whole day to be able to enter and exit the area for test driving or other purposes without repeating to have to register again and again.

**Media** have to send the online accreditation <https://ecograndprix.com/accreditation> one day before the event latest so that they can pick up their free entry bracelet.

**ecoGP crew** members meet at Hotel Llorca one day before start at lunch time at Hotel Llorca.

### GENERAL

It is strictly forbidden for anyone but the marshals to enter the race track, only participating cars are allowed to enter. Drivers are not allowed to leave the car till they are instructed by the marshals.

## // CHARGING //

There are **eight 32A CEE sockets** available at the pit lane to be shared by the teams.

eco Grand Prix recommends not to charge faster than 20kW/h due to the fuse could jump and you would lose time for the charging. 22kW/h is the maximum allowed charging speed.

In case more than 16 cars will inscribe to the eco GP up to 10 additional CEE at the exhibition area can be opened to be used.

Modern cars need an adaptor to be able to charge at a CEE (Cetac) three phase socket. Some cars like Teslas have a 16A CEE charger on board. Please be informed 16A CEE won't be available so even if you're wanting to charge slowly you would need an adaptor (available at hardware stores). Be informed that this is charging half speed in comparison to 32A.

Please take care to bring your own chargers and adaptors to be able to charge if you don't want to queue in front of one having an adaptor.

You will find the CEE sockets looking like this:



The mobile Charger NRG kick [www.nrgkick.com](http://www.nrgkick.com) is supporting to be plugged in to 32A sockets and having a Type 2 plug for electric cars.

Teams are allowed to take their own charging equipment. For one phase charging cars it is recommended to bring AC/DC converters available at Ladetechnik Nord [www.ladetechnik-nord.de](http://www.ladetechnik-nord.de) or other producers to be able to charge at maximum 22kW speed. Neither battery buffering nor battery swapping is allowed. Please be aware not to overstress the power line.

## // TECHNICAL INSPECTION //

Only 100% not modified standard electric cars are allowed to start.

The inspection will be done by the “eco Grand Prix Pit Bulls” the members of the organization team paying attention to compliance with the rules.

If required the owner of the car has to give access to a **Pit Bull** to mount lights or cameras to the car and test the charging.

All participating cars have to be at Hotel Llorca at 4PM on 20.9.2019. Cars failing to be there in time risk to be disqualified. The driver briefing will start

at 4PM sharp. Drivers not being at the briefing will not get the clearance to start.

Car owners have to allow the **Pit Bulls** to stick the participating car with stickers from sponsors. After the event the owner can keep them or take them off himself.

Eco Grand Prix plates will have to be mounted over the original plates so that no one will be able to take pictures of the cars with the original plates. The mounting shall be done in the evening or at 7AM in the morning of 21.9. latest.

## // DRIVING //

Only accredited pilots are allowed to drive the cars.

Overtaking at the pit lane is not allowed. The maximum speed in the pit lane is 20km/h. Overtaking in yellow or red phases is not allowed. Overtaking of the safety car is not allowed if it is driving with warning lights.

Everyone who is intending to sit in a car driving at the race track is obliged to wear a helmet.

At 7:30AM the drivers shall be sitting in their cars in the pit lane ready to get led to their starting slot. The sequence of the starting is following the sequence of the starting number. If someone wants to start more in front he can donate money

to eco Grand Prix. The one who pays most is the front car.

The **Pit Bulls** will take photos from the odometers and the charge status of every car at the starting place and post it online so that the live streaming followers will be included into the information flow.

The competition starts 21.9.2019 at 8AM and ends 7PM same day with the award ceremony. See the schedule for details.

There is no charging allowed during the pauses of the competition, all charging has to be done during the competition.

In case a car runs out of battery at the race track, the driver has to sit in the car till the safety car is coming to toe him to the pit lane. As soon a car is identified by the marshals not to drive at the race track the competition is stopped and all cars have to leave to the pit lane. The stuck car will be pushed to the pit lane and will get 5 laps subtracted from the total laps driven. During red phases no charging is allowed.

Any kind of rule breaking will be investigated by the stewards and will lead to penalties in extreme cases to disqualifications.

## **// GENERAL //**

At the briefing session the participants will be informed regarding the flag policy, will be able to ask questions and will get a presentation where the rules will be presented again in detail. Some rules may change depending on the weather conditions so the final rules written and hand over the day 21.9.2019 at the briefing will be the agreed ones for all participants.