

# ECO GRAND PRIX – THE 24H OF GERMANY 2019

## RULES AND REGULATIONS

### // SCHEDULE //

without parallel events

**28.11**

- 12:00** ecoGP crew check in at Hotel Motorsport Arena Oschersleben
- 13:00** ecoGP crew briefing and lunch at Hotel Motorsport Arena Oschersleben
- 14:00** ecoGP office set up
- 18:00** ecoGP banner and flag set up – ramp up start for exhibitors
- 21:00** ecoGP crew dinner

**29.11**

in parallel with Racing for Future event and exhibition

- 09:00** ecoGP participant briefing (location: concert hall beside hotel)
- 10:00** Technical inspection & photo shootings
- 12:00** Introduction laps for all drivers
- 14:00** Charging
- 15:00** ecoGP line up to start
- 16:00** ecoGP 24h challenge start
- 20:00** Concert in the concert hall

**30.11**

- 16:00** ecoGP finish
- 16:30** TOP 3 award ceremony – 24h of Germany, Germany Cup, Series Winner
- 18:00** Award ceremony of all winners at the concert hall.
- 20:00** Party at the concert hall with music, beer and fun.

## // HOW TO WIN //

The aim is to show to the world that electric cars can drive a lot of km in 24h. You should try to beat the records which have been set up last year. The track will be the same so it is now your task to be better than the teams of last year. 2018 the best team drove 495 laps, so if you aim to beat the 500 mark you should be on the right way. As on all eco Grand Prix you will have CEE 32A sockets like I found them all around the world at the hotels I added to [www.chargehotels.com](http://www.chargehotels.com) available, but because of the huge interest and the power limitations of the track you will share a socket with another team. Please inform us which team you want to be paired so that we can distribute the starting numbers accordingly. In case you are not placing a wish, we will assign you to your brother team.

As always at ecoGP, every car category will set or break its own record, so BMW i3 will compete vs BMW i3, eGolf vs eGolf and Kia Soul E vs Kia Soul E and so on.

So, the easiest way to win is to check the cars already started and will start and to take a car no one else is taking. If you are the only one you will win in your category 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.

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 ...

The competition starts 29.11.2019 at 4PM and ends 30.11.2019 4PM so that the crossing of the finish line one second after 4PM on 30.11. won't count.

## // PARKING //

### **Gas and Hybrid cars have to park at the outside parking spaces.**

Parking at the inner area is only allowed for 100% electric cars and caravans of teams or exhibitors. During the ramp up and ramp down phase exceptionally the gas cars and trucks are allowed to enter the inner area.

After ramping up all trucks and gas cars have to leave the inner area and are allowed to enter the inner area not before 6PM.

You have to obey the instructions of the marshals at the entrance and the inner area.

All participating cars shall enter the inner area not before 29.11.19 9 AM. Please drive to the control tower where you will get the info how to get to the briefing room at the eco GP office.



## // ACCESS //

Drive to Oschersleben over the A14 and take the Exit Oschersleben, otherwise it is really complicated to reach the Motorsport Arena.

**Guests** not driving an electric car just park at the parking and come walking to the gate. Show there your free entry ticket printed on paper. Guests not having the paper printed free entry have to pay the entrance fee of ...€ per person (the money will be donated to the eco Grand Prix NGO caring for supporting clean air projects). Children under 16 years and pupils wearing a Fridays for Future bracelet will get a free entry. Guests coming with an electric car have to pay too but they can enter with their car to the internal area and charge their car with 200V sockets prepared for EV divers in the EV charging area for free.

**Children** wanting to participate on ecoGP 4 kids shall pay 5€ for participating not at the entry but at the registration office and can win a price if they win the ecoGP 4 kids remote control car race.

**Participants** are welcome to book their room at the Hotel Motorsport Arena Oschersleben <https://www.hotel-motorsportarena.com/> on 28.11.19 to be relaxed and full of energy on 29.11. in the morning where they can enter the gate at 9AM and shall drive to the command tower where the eco GP is in the first floor.

At 10 AM all participants shall be in the briefing room where they will get the instructions regarding flag rules and regulations. After the briefing the team drivers will be registered. 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.

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 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. All exhibitor team members have to be registered online at <https://ecograndprix.com/sponsors> and will be on a list at the entrance. Not registered people will have to pay the entrance.

**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 Motorsport Arena Oschersleben one day before start at lunch time.

### 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. During the competition no child is having the right to cross the indicated white line at the pit lane.

## // CHARGING //

Every team will get access to one shared 32A CEE socket at a shared box.

Modern cars need an adaptor to be able to charge there. Some cars like Teslas have a 16A CEE charger on board. 16A CEE are available too but 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. You will find the sockets 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.

It is obligatory to have a 10m CEE extension cable to extend the socket to reach the pit lane to allow to charge the car at the pit lane without to drive into the box.

You can buy this cable online (take care to take the 6mm<sup>2</sup> version) or rent it at the race track for 10€ depositing 100€ in cash. Alternatively, you can buy the cable also at the race track for 69€ VAT included.

## // 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 the pit lane at 11AM on 29.11.2019. Cars failing to be there in time risk to be disqualified.

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 before the technical inspection.

## // 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.
- Charging in reg phases is not allowed.
- Overtaking of the safety car is not allowed in case 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 12AM the pilots will be leaded over the track and should drive behind the safety car in a distance of 2 cars maximum. After the introduction lap all cars will drive to the pit lane where all co drivers have to leave the cars. Now all drivers have to prove to have driven one whole lap minimum to get the clearance to start. Drivers already driven one time just have to show their award certificate to get the clearance to start. Only cleared drivers will get the bracelet identifying her/him to be allowed to enter the race track. Every team will be allowed to make its measurements till 2PM latest.

At 3 PM the drivers shall be sitting in their cars in the pit lane ready to get leaded to their starting slot. The sequence of the starting is following the sequence of the starting numbers.

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 challenge will start 4PM sharp with the change of the light on the race track.

Latest after 4 hours a driver has to change.

No driver is allowed to drive more than 8 hours in total. After 4 hours driving the pause shall be 2 hours minimum. The time is counting from the moment the driver is checking in and out at the eco GP office.

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 (red flag phase) and all cars have to leave to the pit lane. The stuck car will be toed and will get 5 laps subtracted from the total laps driven. During red flag phases no charging is allowed, charging cars have to unplug as soon as red flag is announced, this means the car should not be left alone charging to avoid being plugged off by the marshals adding a penalty.

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 29.11.2019 at the briefing will be the agreed ones for all participants.