

ECO GRAND PRIX – MEPPEN 2023

24H RULES AND REGULATIONS

We are pleased that we are back in Meppen after our premiere in 2022, <https://ecograndprix.com/season-2022/meppen>.

The challenge is to drive the maximum number of laps having CEE 16A sockets, like you can find it everywhere in the world, proving that no one has to fear that they won't be able to charge somewhere. The initiator of the ecoGP idea, Rafael de Mestre, proved that you can find these sockets on many racetracks and all around the world, at hotels. In 2012 he started to register these charging points at www.chargehotels.com, during his first race around the world in an electric production car (<https://80edays.com/genesis/#route>).

Rafael de Mestre will sponsor out of his pocket all the charging stations for the hotel infrastructure during this 10th anniversary year of ecoGP. Any hotel is welcome to apply for this program (please visit www.chargehotels.eu).

// HOW TO WIN //

Every car category will set its own record, so Dacia Spring will compete vs Dacia Spring, Kia Soul E vs Kia Soul E and Tesla Model 3 vs Tesla Model 3.

All car models taking the start will set the record to be beaten next time. So, easiest way to win is to check the participant list, to take a car nobody else is taking 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 charging stop strategy adapting to weather conditions, heating, cooling, a lot of factors which can make some laps more.

Hint: driving faster than 80km/h is not leading to a win, so a very energy efficient pace will make the winner. This is also the reason why this event is super safe.

During the competition only one person can sit in a competing car. First lap will be led by the safety car to allow the drivers familiarize with the track. During the lap(s) led by the safety car more than one person can sit in the car.

Cars can start fully charged. Please note: degradation of the battery gives no advantage. One lap is about 2.2 km long.

Speeding in the pit lane leads to penalty stops decided by independent marshals.

Cars running out of battery or not being able to reach the finish line will get a 3 laps deduction no matter if during or after the competition. **Every car has to reach the pit lane after the race and is not allowed to drive any kind of shortcut to do it.**

This competition enters into the international eco Grand Prix Ranking, so you will collect eco GP points which will be added to the total amount of collected points. This is the final competition of the 2023 season.

Eco Grand Prix competitions should convince people to buy electric cars. We expect all teams and drivers to drive fair, to observe this higher goal, helping each other to make the event an awesome one for everyone.

// PARKING //

During the event only participating competition cars are allowed to be in the pit lane. Team cars are not allowed to be in the pit lane under no circumstance, not even during nighttime.

There is no charging infrastructure available for guests or other team cars. In case an emergency charging is needed, the car driver has to prove the battery is less than 20% discharged.

For emergency charging, the guest the drivers have to come to the race office to ask a marshal to buy a charge ticket. The charging costs EUR 10. The charging speed will be about 20kW.

In case there are several cars wanting to charge, they have to queue. The charging marshal will stop the charging after 30 minutes and let the next in line to charge.

There are several charging stations available nearby and with 30 min of charging you will be able to reach any of them. Parking for guests will be possible in the designated areas, guests coming with motorhomes shall announce it in advance and will be able to rent a power line for EUR 25.

// ACCESS //

Participants:

All participants have to pre-register the team and the drivers on the Ongrid platform (<https://www.myongrid.com/>). In case you are already registered, the captain can simply add you to his team and register the team and the car. Only registered teams/drivers will be able to get the clearance at the race office to start. On the event date one member of the team has to come to the race office to show one helmet which will be marked as registered. Without getting a sticker on at least one team helmet, the team will get no clearance to start. Team drivers will have to come personally to get the bracelet allowing them to drive on the racetrack as an official ecoGP participant. One of our ecoGP team members will give you the car plates, car stickers and all things needed to get access to the paddock. The ecoGP office will be located in the pit lane.

Registration of drivers on the event date will bear an additional fee of EUR 10 per person.

After the registration you have to drive your car to the technical inspection box to go through the technical inspection. You will be able to charge

your car before start, but be aware the charge capacity is of 11kW only and there are a limited number of these plugs available.

In case there is a queue, you have to unplug after 30 minutes and go back in line. If you are coming late, you risk to start with a battery not properly charged. Only teams who joined the briefing will be allowed to start.

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 take photos, same rule applies to Youtubers or Influencers.

It is strictly forbidden for anyone but the marshals to enter the pit lane or paddock besides the participating cars, even during breaks or after the competition. During the competition no guest is allowed to cross the indicated barriers.



// CHARGING //

Participant cars will get access to a limited number of 16A CEE sockets in the pit lane, which will be shared following first come, first served rule. The ecoGP ranking leader of the season, Silver and Gold Teams will get dedicated 16A CEE sockets. All other teams will be able to reserve their own socket only if the team car is intending to enter the pit lane on the running lap after it passed the pit lane.

Some cars need an adapter to be able to charge 11kW. A number of cars like Tesla have the needed 16A CEE charger 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 minimum 2 weeks. The mobile Charger NRG kick, www.nrgkick.com, supports being plugged in to 32 or 16A sockets (with adapter) and has a Type 2 plug for electric cars.

For AC one phase charging cars it is recommended to bring AC/DC converters available for rent at <https://shop.ecograndprix.com/collections/ev-charging>, but please be informed that they sell out pretty fast. Battery buffering or swapping is not allowed. This would not reflect real life charging situation.

We recommend to charge the cars nearby before coming to the event.

The 16A three phase sockets at the pit lane will not be accessible for anyone but participating cars, neither before, nor after 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.

// DRIVING //

Drivers have to change every 4 hours and are allowed to drive max. 8 hours. You can change drivers at any time and as often as wanted. The team has to observe the announcements if their driver has to come to the box. Speeding in the pit lane leads to penalties.

Failing to comply with the penalties triggers harder penalties till disqualification. The active safety car (blinking yellow light) is not allowed to be overtaken in any case. In case a car is stuck or runs out of battery, the challenge can be stopped (red flag) until the car is towed to the paddock.

In case of yellow flag status, no car is allowed to be overtaken. The flag status can be seen during the competition at ranking.eco.gp.

// TECHNICAL INSPECTION //

Any kind of electric car is allowed to start. The inspection will be conducted by the “ecoGP 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 install lights, cameras or any other technical equipment needed to perform the competition or test the charging.

The cars have to be at the paddock on 30.9.2023, at 10:00 AM, at the latest. Cars not arriving there on time risk to be disqualified. Car owners have to allow the Pit Bulls to stick stickers from sponsors on the participant's car. After the event, the owners can keep them or take them off themselves. Owners not allowing the Pit Bulls' access to check or install the needed equipment won't get the clearance to start.

// SCHEDULE V1 //

11H on Saturday + 13H on Sunday

	ECOGP	WORLD RECORD	ADDITIONAL EVENTS
29.9.23			
14:00	Gate opening		
15:00	Team registrations		Ramp up time for exhibitors
18:00	Car charging option		
19:00	Team briefing		Ramp up time for exhibitors
20:00	Gate closing		
30.9.23			
08:00	line up at the pit lane		Gate opening for exhibitors
08:30	Introduction laps		
09:00	ecoGP start		
10:00			Gate opening for public
10:00		Line up start	EV test driving
10:30			Presentations
11:00			ecoGP4kids
13:00		Line up finish	Finish of ecoGP4kids
13:30	finish of 4,5h stint		Finish of presentations
14:00		WR parade start	
14:30			Kids event
15:30	line up at the pit lane		
16:00	Drive to the grid	WR parade finish	
16:30	ecoGP start	WR proclamation	
17:00		Come together	
22:00	finish of second stint		
1.10.23			
08:00	line up at the pit lane		
09:00	ecoGP restart		
10:00			EV test driving
11:00			Presentations / Q&A sessions
12:00			Scooter challenge
14:00			Bicycle challenge
15:00			Lottery drawing
17:00			End of Exhibition
17:00			Ramp down time for exhibitors
22:00	ecoGP finish		

// SCHEDULE V3 //

24H starting at 17:00 on Saturday

	ECOGP	WORLD RECORD	ADDITIONAL EVENTS
29.9.23			
14:00			Gate opening
15:00			Ramp up time for exhibitors
19:00			Ramp up time for exhibitors
20:00			Gate closing
30.9.23			
09:00			Gate opening for exhibitors
10:00	Team registrations		Gate opening for public
10:00	Car charging option	Line up start	EV test driving
10:30			Presentations
11:00	Team briefing		ecoGP4kids
13:00		Line up finish	Finish of ecoGP4kids
13:30			Finish of presentations
14:00		WR parade start	
14:30			Kids event
15:30			
16:00	line up at the pit lane	WR parade finish	
16:30	Drive to the grid	WR proclamation	
17:00	ecoGP start	Come together	
22:00			
1.10.23			
10:00			EV test driving
11:00			Presentations / Q&A sessions
12:00			Scooter challenge
14:00			Bicycle challenge
15:00			Lottery drawing
17:00	ecoGP finish		End of Exhibition
17:00			Ramp down time for exhibitors
18:00		Gate closed	Gate closed