



SHELL ECO-MARATHON EUROPE 2018

OFFICIAL RULES

CHAPTER II

Shell
Eco-marathon



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FOREWORD



Dear Shell Eco-marathon participants, friends and enthusiasts.

Welcome to **Shell Eco-marathon Europe 2018**. From July 5 - 8, 2018 Shell Eco-marathon Europe will again hit the streets of London, UK, with 150 teams trying to push the boundaries of energy efficiency.

After two successful years at the Queen Elizabeth Olympic Park, it is with great anticipation that we come back to this iconic venue.

The grassroots of Shell Eco-marathon are based on the ingenuity, hard work and dedication of students from around the world. I would like to remind you that all activities related to your Shell Eco-marathon project must be carried out by the registered teams and its participants. The organisers reserve the right to withhold technical inspection approval for teams which show substantial knowledge gaps over the design of their vehicle and the functional principles of its component parts.

Remember that you need to come to the competition prepared, with your vehicle ready. So it's highly important to:

- **Read the Shell Eco-marathon 2018 Global Rules, Chapter I carefully.** The document presents all technical and safety rules applied to both Prototype and UrbanConcept classes.
- **Watch the Tech Tips on YouTube.** These videos explain the technical rules in an easy-to-understand way.
- **Read this document carefully.** The Chapter II Rules include specific information you need ahead of Shell Eco-marathon Europe 2018.
- **Come prepared!** Your car should be ready for technical inspection upon arrival. All required documentation listed in **Article 58** should be printed and ready.

Good luck, I look forward to seeing you from July 2 to 8, 2018 in London!

Gilles Vanier

Shell Eco-marathon Europe Technical Director

1. GENERAL

The Shell Eco-marathon 2018 Global Rules, [Chapter I](#) and the Shell Eco-marathon Europe 2018 Rules, Chapter II apply during the entire duration of the participants' presence on site. The organisers reserve the right to modify any article of the present rules in both documents.

Shell International Limited (which is incorporated and registered in England with company number 3075807, address: Shell Centre, York Road, London, SE1 7NA, UK), hereafter known as "Event Organiser" or "Organiser" is the organiser of Shell Eco-marathon Europe 2018, the "Event".

The Event will be open to participants from July 2 - 8, 2018 at Queen Elizabeth Olympic Park in London, United Kingdom (the "Site"). The Site is owned by the London Legacy Development Corporation, hereafter known as "Site Owner".

Teams will have access to the paddock from Monday, July 2 at 09:00 after they have checked in and must clear their garage in the paddock area by 22:00 on Sunday, July 8 at the latest. Access to any part of the Site will NOT be authorised on Monday, July 9.

Teams may invite guests to come to the Make the Future Live featuring Shell Eco-marathon Europe Event Site on public opening days, which are from July 5 - 8, 2018. Admission to the Event is free.

ARTICLE 200: PARTICIPANTS

Teams will be allowed to bring a maximum of 20 (twenty) participants to the competition. All participating team members must be registered in Phase 3. Only these twenty registered team members will receive a light green wristband giving them access to the paddock area. The team manager, driver and reserve driver must also register at technical inspection upon arrival.

Teams with four or more participants under the age of 18 must be accompanied by at least one adult per four underage participants, in addition to the professor, teacher or adult leader. Chaperones must register as team members in order to receive credentials for paddock and campsite access.

Each team is responsible for all costs and expenses associated with participating in the Event i.e. travel from home country to the UK and back, airport transfer, hotel/accommodation, building, shipping and freight cost for vehicle, etc. The Organisers will provide travel allowance to each team (See [Article 236](#)).

The team manager is the team's sole official liaison with the Organisers. The team manager must be a student. All information will be addressed to him/her. For the purposes of the Event, he/she will be responsible for and speak on behalf of the team. If the team members are under 18 years of age, the team manager may be a faculty advisor.

The Organisers will provide the following for the teams:

- Coach shuttle services from the campsite to Make the Future festival site;
- Ten participant goodie-bags;
- Vehicle stickers (see [Chapter I Rules Appendix 1](#));
- Participant badges and lanyards (1 per registered team member);
- Two yellow armbands for start/finish access;
- Light green participant wristbands to access the paddock (proving they have attended the HSSE induction, 1 per team member); and

- Team manager, driver and reserve driver wristbands equipped with individual RFID codes, to be collected at technical inspection front desk.

ARTICLE 201: DRIVERS

Drivers must be at least 16 years old on the day of the competition. In all cases, drivers must be students of the educational institution in question. Proof of enrolment must be provided upon request. A driver's license is not mandatory.

ARTICLE 202: MANDATORY DOCUMENTS

At participant check-in on Monday, July 2 and Tuesday, July 3, the team manager must present official identification (national identity card or passport), and must have completed and uploaded the documents requested in Phase 3 Logistics. The Organisers will not authorise entry to the Event if Phase 3 has not been successfully submitted. The mandatory documents are the following:

- A copy of each of the team members' valid passport or photo ID (driver's license, student ID, national ID card);
- Individually signed copies of the Terms and Conditions of participation from all team members; and
- A signed copy of the team's financial information, consisting of:
 - a. Deposit guarantee letter: an agreement allowing the Organisers to charge teams the corresponding amount in case of damage or loss of the following items:
 - Transponder;
 - Electrical connections and accessories;
 - Telemetry equipment;
 - Joulemeter;
 - Event facilities (Exhibition area and assets);
 - Track facilities
 - b. Bank details: After the Event, any applicable travel allowances and prize money will be credited to this bank account. The deposit shall be debited in the above cases of damage or loss. Once the Organisers have made all such transfers successfully, the Organisers shall not be liable for any disputes between participants thereafter and no correspondence shall be entertained.

Participants will only be issued with their Certificate of Participation for Shell Eco-marathon Europe 2018 provided they have submitted the required information and documents, and passed technical inspection.

ARTICLE 203: ORDERING MANDATORY EQUIPMENT

This article applies to teams that do not yet have the required equipment in their possession. The following equipment is mandatory and must be purchased via the Organiser (see the Shell Eco-marathon E-shop [here](#)):

- Fuel tanks (petrol or diesel fuel): Standard fuel tanks must be obtained from the Organiser. These tanks are mandatory and shall not be modified.
 - Prototype: 30, 100 or 250 cc

- UrbanConcept: 30, 100, 250 or 350 cc
- Flowmeter for hydrogen vehicles only.

ARTICLE 204: INSURANCE

The Organiser has as a standard procedure and liability insurance for large scale events.

Damages concerning theft or other damage occurring to teams' vehicles, personal belongings and/or equipment are not covered by this insurance policy.

Damages coming from inappropriate behaviour will not be covered. Personal injuries are also not covered by this insurance policy. Teams are urged to get sufficient insurance coverage both for themselves and their vehicles for the duration of the Event.

The Organiser shall not be held liable in the event of unauthorised use of the track (this includes the main track and the test track) outside the regularly scheduled hours for testing and competition, or in any case of unauthorised driving outside the stipulated areas (see [Article 19](#)).

ARTICLE 205: DAMAGES NOT COVERED BY THE ORGANISERS

Any damage caused by participants to track facilities and surroundings and/or to Shell Eco-marathon facilities and/or the Site shall be charged to the teams having caused said damage. Notwithstanding any other right and remedies available to the Organisers, the Organisers reserve the right to deduct or set off any such damages from the travel allowance and/or prize money (if applicable) (see [Article 234](#)), but liability shall not be limited to this amount.

ARTICLE 206: PENALTIES

The Organisers have the right, at their discretion, to exclude, disqualify or otherwise penalise any participant/team who, in the judgment of the Organisers, has violated any of the Shell Eco-marathon 2018 Global Rules, Chapter I and the Shell Eco-marathon Europe 2018 Rules, Chapter II, or is displaying unsafe behaviour or behaviour that goes against the spirit of the competition, including but not limited to:

- Non-compliance with on-track safety or driving rules (unsafe or unwise behaviour);
- Non-compliance with off-track safety rules including but not limited to the paddocks, participant amenities area, participant accommodation (campsite) and other off-track facilities.

Unless otherwise specified, the Organisers will apply the following penalties for the following infractions:

- 1st infraction: Formal warning to the team manager;
- 2nd infraction: Best overall attempt invalidated at the end of the competition; and
- 3rd infraction: Immediate team disqualification.

The Organisers reserve the right to disqualify the team immediately, depending on the gravity of the offense, without recourse to warnings.

2. HEALTH, SAFETY, SECURITY AND ENVIRONMENT (HSSE)

The Organisers are determined to achieve GOAL ZERO, NO HARM, NO LEAKS. Goal Zero means carrying out the Event safely so that we ensure that there is no harm to people, no damages to assets, and no detriment to the environment.

To achieve this and fulfil our duty of care to both participants and visitors, the Organisers will work with all relevant agencies (including local government, national regulators and venue related stakeholders) to put plans, policies and procedures in place to manage risk and potential emergency situations that arise.

The Organisers will ensure that these procedures and policies are communicated to the teams, and compliance with all these rules, including safe driving, general behaviour and sporting rules, will be **mandatory for everyone**. All participants must comply with safety measures and notify the Organisers about any anomalies or incidents.

Participants are required to play their part in achieving Goal Zero by applying the Health, Safety, Security and Environment (HSSE) Golden Rules.

The three HSSE Golden Rules are, YOU and I:

- Comply with the law, standards and procedures;
- Intervene in unsafe and non-compliant situations; and
- Respect our neighbours.

The Organisers will monitor and manage the Event using a safety team. The purpose of the safety team is to promote good practices, challenge unsafe conditions and behaviours, and assist the teams any way that they can. If a participant is asked for cooperation by the safety team then they should treat this with seriousness and comply with all reasonable requests.

The Organisers reserve the right to disqualify a team and to order them to either “stop work” until the matter in question is rectified or to be “dismissed from the competition area” for not complying with any safety rules; and teams that are found to be in violation of any of these rules will be issued a formal written warning and this will be registered against the team in question. If a team receives three (3) of such warnings, they will be automatically disqualified from the competition.

Any regulatory non-compliances will be subject to the penalties stated in [Article 206](#). The Organisers reserve the right to disqualify the team immediately, depending on the gravity of the offense, without recourse to warnings.

Health is also a main concern. If you are currently under medication, please bring enough medicine for the duration of the Event. Please tell us of any specific medication needs/allergies in the “Special Requirements” box in Phase 3.

ARTICLE 207: SMOKING

Smoking (including the use of electronic cigarettes) is only allowed in the external designated smoking areas.

ARTICLE 208: DRUGS AND NARCOTICS

UK law strictly forbids the possession, distribution and the consumption of illegal drugs. The Organisers strictly forbid the use and distribution of narcotics for anyone attending or participating in this Event.

Law enforcement officers may intervene anywhere within the Site premises to carry out searches for narcotics. In addition to legal prosecutions from the authorities, any drug and narcotics related breach of the regulations will be treated as equivalent to a third infraction of the team which will result in immediate team disqualification (see [Article 206](#)), even if no prior violation has occurred.

ARTICLE 209: ALCOHOL

Alcohol is strictly prohibited at any time in the paddock area. No alcohol consumption is allowed at the campsite after midnight. Access to the paddock area is strictly prohibited for anyone under the influence of alcohol.

The Organisers reserve the right to intervene and remove from Site (campsite included) any person(s) found to be, in their sole and absolute determination, in a state unfit to participate. Any behaviour deemed by the Organisers to be unfit and/or inappropriate may be subject to the penalties laid out in [Article 206](#) up to and including, immediate team disqualification even if no prior violation has occurred.

ARTICLE 210: SHIPPING DANGEROUS GOODS

Shipping dangerous goods, such as aerosol cans and any battery, is a very serious matter and your team must address the safety concerns for commercially transporting your vehicle crate.

If a team is commercially shipping a crate to the Site, the team must engage a Dangerous Goods Packer (DGP). The DGP must inspect and/or pack your crate.

Agility Fairs & Events Logistics is the global freighting partner for Shell Eco-marathon and they can assist you with the requirements of packing and shipping your Shell Eco-marathon vehicle crates through commercial carriers. Teams must send proof of inspection (Certificate, Shippers Declaration, or Invoice, etc.) to their Agility Fairs & Events contact (SEMEstudents@agility.com) before the Event in order to compete.

Teams who bypass the requirements for commercially shipping dangerous goods may be excluded from the competition and asked to leave the venue immediately (according to [Article 206](#)).

More information can be found in the [Agility Dangerous Goods Shipping Instructions](#).

ARTICLE 211: TOOLS AND WORK EQUIPMENT

As the Event will be held in the UK, the Organisers and Site Owner have to ensure that work equipment at the venue is tested to the standards required by UK legislation. Teams must ensure that the tools and equipment that they bring to the Event are compliant to such standards. The following tools and equipment must have certification to prove that they are in a good working order as deemed by the Organisers:

- Electrical equipment: this must be properly rated for the UK and have a suitable test certificate to show that it is fit for use. During the Event, the safety team will be patrolling the paddock to check for compliance;

- Cutting or grinding equipment: e.g. Safety guards protecting the cutting wheel must be in place and fixed for use;
- All air compressors must have a suitable test certificate; notwithstanding such test certificates, in the event the Organisers are of the view that such tools and equipment is/are unsafe, the Organisers have the sole and absolute right to require the immediate removal of the item.
- Knives and/or blades are not permitted on the festival site at any time. The only exception are knives with retractable blade e.g. Stanley knives. Knives with a blade of 3 inches or more or “flick” knives are illegal in the UK. Any knives found by the safety or security team on-site will be confiscated and destroyed.

Participants are required to use the services of the on-site welding team located close to the paddock. Teams are not authorised to bring their own welding equipment to Queen Elizabeth Olympic Park or the campsite. Any welding equipment found will be confiscated for the duration of the event.

ARTICLE 212: PEDESTRIANS

With the exception of the track marshals or any other person duly authorised by them and under their control, no pedestrian is allowed on the track. Track reconnaissance by foot is forbidden. However, the Organisers understand the need for teams to view the track, and a suitable time will be designated for this, and this will be advised during the mandatory briefing.

Scooters, bicycles, roller skates, skateboards, hoverboards, or similar are not permitted within the festival site.

ARTICLE 213: PARTICIPANT DRONES

Unmanned aerial vehicles (UAVs), commonly known as drones, belonging to any private individual participant, are strictly prohibited on Site and on the campsite.

3. Paddock Rules

ARTICLE 214: Paddock Access

Access to the paddock area is permitted from 09:00 to 20:00 on Monday, July 2 and from 06:00 to 22:30 on July 3 - 7, and from 06:00 to 22:00 on July 8 for participants with the appropriate wristbands.

The paddock will be closed between 22:30 and 06:00. This means that the paddock area remains closed overnight, and nobody is allowed indoors during this time.

UrbanConcept teams not qualified for the Drivers' World Championship may check-out on Saturday, July 7 from 19:00. Other teams are forbidden from loading their vehicles before the end of the Event on Sunday, July 8 at 19:00. The paddock will not be accessible for trucks, forklifts or other similar equipment.

ARTICLE 215: Paddock Safety and Housekeeping

Shell requires participants to exercise care in their garages, particularly in the following aspects:

- Good housekeeping practices will be required; garages must be kept clean and tidy at all times;
- Duct tape to secure any cords or cables lying on the pit floor;
- Proper use of portable electric equipment and its protection;
- Electrical connections (e.g. cabling on ground to be duct-taped or appropriately secured);
- Hot works (drilling, cutting, or grinding work) may only be carried out in the designated area;
- Only the professional welder in the designated welding tent may undertake any welding works;
- Lift stands or appropriate raised platforms for vehicle tuning and repairs;
- Fire blankets or battery bags should be used when charging batteries (please refer to [Article 24h](#) in the Chapter I rules);
- Food/drink and hazardous (toxic/noxious/flammable/solvent) products should be clearly separated. Flammable products must be stored in a closed metal box; and
- Food preparation is strictly forbidden in the paddock area. Teams will have a dedicated area near the paddock to prepare food.

ARTICLE 216: Personal Protective Equipment

Teams share responsibility for safety matters and are required to provide adequate safety gear ('Personal Protective Equipment') including but not limited to the following for use at the Event:

- Gloves for general work: leather or canvas; participants are required to wear protective gloves at all times when moving/pushing their vehicle;
- Gloves for handling fuel or motor oil: chemical resistant material (nitrile gloves are recommended);
- Safety glasses for all participants (disposable types are permitted) or impact-resistant glasses or goggles when necessary;

- Hearing protection for all participants (approved ear plugs or muffs);
- Dust masks when required for work generating airborne particles; and
- Closed shoes must be worn at all times in the paddock and track area (sandals and flip-flops will not be permitted).

ARTICLE 217: FIRE SAFETY

In line with the UK Regulations that govern the Event, the Organiser will assess and submit a policy and procedure for managing fire associated risks.

In light of previous fire-related incidents, the Organisers stress that teams must take managing fire risks with utmost seriousness. Any improper fuel storage or poorly mitigated fire risks deemed to contribute to an unsafe condition will lead to the removal and disposal of the offending items. At the Event, teams will be briefed on rules and guidelines for fire safety. Team managers will be required to ensure that their team strictly adheres to the rules and guidance provided.

Each team must have a working fire extinguisher in their garage in the paddock.

ARTICLE 218: ELECTRICAL SAFETY

Teams must ensure that the tools and equipment that they bring to the Event are safe for use in the UK (220V / 240V, 50Hz) and without defects. Example of defects include but are not limited to: damaged plugs, exposed wires and malfunctioning parts. If the equipment is rated for a different voltage, please use it with an appropriate voltage adaptor.

A professional electrical engineer will be patrolling the paddocks to inspect the equipment to ensure compliance. In the event the Organisers are of the view that such tools and equipment is/are unsafe, the Organisers have the sole and absolute right to confiscate the item for return at the end of the Event.

Additionally, teams must comply with the following regulations:

- Fire blankets or lithium polymer battery bags must be used when charging lithium batteries (see [Article 24h](#)); and only chargers specifically made for the type of battery should be used. Programmable chargers should be set at the right setting before charging. Batteries must not be left to charge unattended.
- All electrical equipment used must be properly fused. All cables must be in good condition and appropriate for the equipment it is intended for. High wattage electrical appliances must not be plugged into a multiple plug strip. If you are using a multi plug strip, each must have internal overcurrent protection. (see [Article 24j](#))

ARTICLE 219: SAFETY DATA SHEETS (SDS)

Except for approved race fuels or energy sources, upon request by the Organisers, all teams should be able to provide the SDS of any products they use in their garages, e.g. solvents, cleaning agents, chemicals, etc.

ARTICLE 220: EMERGENCY EXITS

Fire and emergency exits must be kept clear at any time from any obstructing equipment or vehicles.

ARTICLE 221: WASTE MANAGEMENT

Participants are responsible for the cleanliness of their immediate area in the paddock and the surrounding environment. This includes waste management.

To save energy and natural resources, the Organisers will put in place a sorted waste collection system at Queen Elizabeth Olympic Park. Participants are required to sort their waste and to place it in the appropriate containers and bins. Teams are reminded to adopt a green approach at this Event, to recycle and reuse items, and avoid wastage.

All unused and waste liquid chemicals/lubricants, as well as batteries must be handed to the technical team for proper disposal. It must not be disposed of by pouring down the sink or drain.

4. SECURITY

As participants of Shell Eco-marathon Europe 2018, Shell wants to make sure you are all aware of your own personal security during the entire duration of your stay in London. Please note there will be security officers present 24 hours a day, every day, at both Queen Elizabeth Olympic Park and the campsite. The following guidelines will help you understand how to stay safe and secure.

Effective personal security is enhanced by following the 3As principle:

- Awareness: Knowledge and understanding of the security threats and what can be done to reduce risks.
- Alertness: Being alert to what is happening around you.
- Attitude: Including security as part of your daily routine.

IMPORTANT TELEPHONE NUMBERS

In case of emergency, call: **999** or **112** from a non-UK number.

For non-emergency situations, call: **+44 20 7230 1212** or **101**.

USE OF PUBLIC TRANSPORT

Always let someone know where you are going. Be particularly aware at taxi stands, bus terminals and railway stations. Do not share a taxi with an unknown person.

If travelling in crowded public transport keep personal belongings close to your person and in front of you.

Avoid the use of public transport between 20:00 and 06:00 if possible.

ELECTRONIC EQUIPMENT

Laptops and mobile telephones are very attractive items for criminals. Safeguard them at all times.

DO NOT leave your laptop unsecured or unattended, especially in public areas like the campsite or the paddock and never turn your back on your laptop. It takes only a few seconds for someone in a crowd to pass by and pick the bag up.

COMMUNICATIONS

99% of travel passes without incident. To cover the other 1%, make sure that you can contact somebody for help.

Carry the following things with you at all times:

- ID card or passport;
- List of useful contact numbers;
- Contact card in English; and
- Local map.

Maintaining good communications is a good practice when travelling. A quick call informing someone of a change in plan will ensure peace of mind.

Ensure you carry your cellular phone safely and securely and you have a spare charged battery as a back-up.

Make sure your mobile phone works in the country you have travelled to and you know how to place/receive calls while traveling abroad. To call a UK number, dial +44 or 0044 and remove the first 0 of the telephone number.

WHAT SHOULD I DO TO AVOID BECOMING A VICTIM?

Knowing how and where criminals who commit these crimes operate and by being aware of your surroundings will help you avoid becoming a victim.

- To get to and from the campsite, use our free shuttle buses.
- Prepare and consider your travel arrangements carefully and ensure someone knows where you are going, who you are with and when you might be home.
- Avoid short cuts and dark isolated areas, vary your routine and be discreet handling cash, phones and wearing jewellery in a public place.
- Never take your safety for granted and look after your friends so that they don't become vulnerable. Remember your personal safety is more important than your phone or other valuables.
- Keep your bags close to you and secured with zips closed. Check your belongings and your pockets regularly.
- Wearing headphones and talking on the phone can make you unaware of your immediate surroundings this makes you appear vulnerable and gives an advantage to a criminal.
- If you use a cash point or ATM be suspicious if you see someone hanging around, if in doubt use another cash machine and have a friend watch your back.
- If you feel uneasy about an individual or situation, trust your instincts and leave the area and head towards a public place such as a shop.
- Pre-book a licensed cab to pick you up or use a mini cab office. Never get into a mini cab off the street they are illegal and often uninsured and dangerous.

Create a list of important contact numbers (such as banking details, card numbers, passport number etc.) you may need in the case of emergency and keep this list secure and separate from your possessions.

5. COMPETITION/PRACTICE

ARTICLE 222: DEFINITION OF COMPETITION

Prototype and UrbanConcept teams will use the same track (but not at the same time) during practice and competition.

Definition: For their attempt to be validated, teams must complete 15 laps in a maximum time of 35 minutes with an average speed of approximately 25 km/h. The total distance to cover is 14.55 km (15 laps of 970 meters).

Attempt: Each team will be limited to four official attempts. The best result will be retained for the final classification.

When the vehicle crosses the start line, an attempt is counted. Even if the vehicle stops near the start line, a new start will strictly not be granted for the attempt in question.

UrbanConcept: The driver must make one stop each lap. The point where to stop will be specified by a panel or a specific road-marking under the control of a track marshal. The stop must be a full stop of the wheels. It must take place at this specified point and not ahead unless other vehicles are already stopped and no space is available on the track to do so. In case of non-adherence to the designated stopping area the attempt will be invalidated.

Results: All results are considered temporary until the official results are published on the Shell Eco-marathon website in the week following the event.

In the event of any disputes, all decisions made by the race director are binding and final.

ARTICLE 223: START AND FINISH OF COMPETITION

Only vehicles which have passed technical and safety inspection will be allowed in the queue to access the filling point and starting line.

The vehicle may be accompanied by a maximum of three participants, including the driver, who have the appropriate ID badges, wristbands and armbands. Once the vehicle has left the starting line, all non-driving participants must leave the starting area.

The starting area is dedicated for the driver to take his/her place in the vehicle in safe conditions, and to close the vehicle body. It is forbidden to work on the vehicle in this area. In case of difficulties in starting the vehicle, a maximum of two minutes will be granted to try again, after which time the team must return the vehicle to the paddock for repairs. Teams must re-join at the end of the queue when they would like to attempt again. No equipment will be tolerated in the starting area, e.g. heater system, trolley, toolbox, etc.

Drivers must wait for a signal from the flag bearer (green flag) before starting and must carefully enter the track at the merging point on the track/pit lane. It is forbidden to cross the solid demarcation line separating the track and the starting lane.

At the start line: Vehicles will start one by one. Vehicles must be at a full stop and are not allowed any outside assistance during starting. Any pushing of the vehicle is prohibited.

At the finish line: Competitors must refrain from any work on their vehicles prior to inspection of the vehicle by the Inspectors. Inspectors/marshals are the only people authorised to fill or top up the tank.

ARTICLE 224: RFID TAG ATTRIBUTION

Four RFID tags will be attributed to each team at technical inspection registration: one for the vehicle, one for the team manager, and one for each driver.

This tag is your reference for:

- Briefing presence control;
- Technical inspection access, process and final status; and
- Competition access, race queue entrance, and start and finish measurement.

ARTICLE 225: TRACK ACCESS CONDITIONS

Track access is authorised for qualified Prototype and UrbanConcept vehicles, only during official opening hours according to the competition schedule. For other conditions, please refer to [Article 13](#) in the Shell Eco-marathon Global 2018 Rules, Chapter I.

ARTICLE 226: RACE DIRECTOR AND MARSHALS

The race director will be assisted by his team of track marshals, who will ensure that all Shell Eco-marathon rules are complied with on the track. The decision of the race director to disqualify or dismiss a team from the competition for non-compliance to competition rules shall be final and binding.

ARTICLE 227: START AND FINISH AREA ACCESS

A maximum of three team members per team including the driver may be present at the start and finish lines with their vehicle. They must have the requisite wristbands and badges identifying them as legitimate participants.

ARTICLE 228: TIMEKEEPING

All vehicles will be equipped with an extra-flat electromagnetic transponder that will be fitted after technical inspection using adhesive tape or similar, inside or outside the vehicle according to the vehicle's characteristics.

Should there be any malfunction of the transponder midway through an attempt, the attempt will be voided and a new attempt will be awarded, given that this is duly verified by the Organisers as per [Article 6](#) and [Article 7](#) of the Shell Eco-marathon Global 2018 Rules, Chapter I.

The transponder must be returned to the technical team at the end of the Event.

ARTICLE 229: PANEL INFORMATION

The Organisers recognise the need for teams to communicate with drivers by the use of panel boards along the track. A dedicated panelling area is designated for this. Only two participants wearing a dedicated safety vest or armband supplied by the Organisers shall be allowed in said panelling area at any time. Panelling outside this area is strictly forbidden.

6. DRIVERS' WORLD CHAMPIONSHIP

ARTICLE 230: DEFINITION OF DWC COMPETITION

Definition: The DWC Regional and the DWC Grand Final will require teams to complete 10 laps of 970 meters (total of 9700 m).

ARTICLE 231: DWC RULES CHAPTER III

Teams interested in competing in the Shell Eco-marathon Drivers' World Championship 2018 must refer to the official rules, [Chapter III](#).

7. COMPETITION SCHEDULE

The final schedule for the day will be confirmed every morning during the mandatory team briefing. The Organisers reserve the right to change this schedule depending on current circumstances, e.g. poor weather.

MONDAY JULY 2

24 Hours		Campsite reception open
09:00	18:00	Participant check-in open – South Park Lawn
09:00	20:00	Access to paddock area for checked-in team members only
09:00	18:00	Participant information desk open – paddock area
10:00	20:30	Coach transfers campsite ↔ Make the Future festival site
20:00		Paddock area closes (participants CANNOT stay inside)

TUESDAY JULY 3

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members only
09:00	18:00	Participant check-in open – South Park Lawn
09:00	18:00	Participant information desk open – paddock area
13:30	18:00	Technical inspection open
22:30		Paddock area closes (participants CANNOT stay inside)

WEDNESDAY JULY 4

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members only
08:00	09:00	Mandatory technical briefing (team manager and drivers only)
08:00	18:00	Technical inspection open
09:00	18:00	Participant information desk open – paddock area
10:30	12:00	Main track open – practice by category
13:00	18:00	
22:30		Paddock area closes (participants CANNOT stay inside)

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THURSDAY JULY 5

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members and public
08:00	08:30	Mandatory technical briefing (only for team Manager and drivers)
08:00	18:00	Technical inspection open
09:00	18:00	Participant information desk open – paddock area
09:00	11:00	Main track open – practice by category
12:30	16:00	
16:30	18:00	Main track open – competition by category
22:30		Paddock area closes (participants CANNOT stay inside)

FRIDAY JULY 6

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members and public
08:00	08:30	Mandatory technical briefing (only for team manager and drivers)
09:00	18:00	Participant information desk open – paddock area
10:00	12:00	Main track open – competition by category
14:00	16:00	
16:30	20:00	
22:30		Paddock area closes (participants CANNOT stay inside)

SATURDAY JULY 7

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members and public
08:00	08:30	Mandatory technical briefing (only for team manager and drivers)
09:00	22:30	Participant information desk open – paddock area
09:00	11:00	Main track open – competition by category
11:30	15:30	
16:30	18:30	
15:30	16:30	Drivers' World Championship Europe
17:00	17:30	Award ceremony for UrbanConcept category
19:00	22:30	UrbanConcept category check-out open (teams that have not qualified for DWC only)
22:30		Paddock area closes (participants CANNOT stay inside)

SUNDAY JULY 8

24 Hours		Campsite reception open
05:30	23:00	Coach transfers campsite ↔ Make the Future festival site
06:00	22:30	Access to paddock area for checked-in team members and public
08:00	08:30	Mandatory technical briefing (only for team manager and drivers)
09:00	22:30	Participant information desk open – paddock area
09:00	10:00	Drivers' World Championship Grand Final practice
10:30	14:00	Main track open – prototype competition
15:30	16:30	Drivers' World Championship Grand Final
17:00	17:30	Award ceremony – DWC, Prototype category and Off-track Awards
16:00	23:00	Team check-out open – Return joulemeter, transponder and telemetry equipment to technical inspection first and armbands to participant information desk

MONDAY JULY 9

08:00	10:00	Campsite reception open
08:00	10:00	Teams must leave campsite
07:00	10:00	Coach transfers campsite ↔ Stratford International station

8. TROPHIES, PRIZES AND AWARDS

ARTICLE 232: TRAVEL SAFETY STIPEND

A prize of EUR 500 will be given to the team with the best travel safety plan. A travel safety plan describes how you will ensure that your travel to and from the Event is as safe as possible.

If your team would like to register for this stipend, contact shell-eco.marathon@shell.com. This travel safety plan should be submitted to shell-eco.marathon@shell.com by July 21, 2018. The stipend winner will be notified on Sunday, July 8. This stipend will be added to the team's travel allowance and/or prize money (if applicable) as per [Article 236](#).

ARTICLE 233: LINDE HYDROGEN STIPEND

A prize of EUR 1000 will be given to the new hydrogen team with the best result on-track. A team is considered new if they have not participated in the hydrogen category from 2015 to 2017. The stipend winner will be notified on Sunday, July 8. This stipend will be added to the team's travel allowance and/or prize money (if applicable) as per [Article 236](#).

ARTICLE 234: AWARDS PRESENTATION

Trophies for on-track and Off-track Awards shall be presented to the Shell Eco-marathon Europe 2018 winning teams (1st place only) during the awards ceremonies on Saturday, July 7 and Sunday, July 8. See [Article 100](#) and [Article 101](#) for more details about on-track and Off-track Award prizes.

Notes about the prizes and monetary compensation:

- Prize money and travel allowance will be paid via bank transfer to the bank account holder's account as provided by the team in the invoice submitted during Phase 3 Logistics;
- Teams will be required to provide the relevant banking details accurately;

ARTICLE 235: TRANSFER OF PRIZES

No substitution or transfer of prizes is allowed. The Organisers reserve the right to award alternate prizes in the Event a prize is unavailable. The Organisers also reserve the right to not award any prize and/or to award more than one team for the same prize.

9. MISCELLANEOUS TERMS AND CONDITIONS

ARTICLE 236: TRAVEL ALLOWANCE

Each team shall be granted an allowance/stipend to assist with travel costs to and from the Site. The amount of this stipend is determined by the Organisers depending on the distance travelled from the school/university to Queen Elizabeth Olympic Park. Teams are responsible for all other costs and expenses associated with participating in the Event i.e. travel from home country to London and back, building and freighting cost for vehicle, hotel/accommodation, etc.

ARTICLE 237: THIRD PARTY RIGHTS

By participating, each team warrants and represents that its vehicle is original and does not infringe, defame or otherwise violate the rights and/or property of any third party; does not violate any laws or ordinances; and does not utilise, use or infringe the property of any third party including the property and rights of another team without express permission to do so.

Each team further warrants that the possession, exploitation, use or distribution by that team of any intellectual property including without limitation patents, copyrights, designs, trade or service marks, whether or not registered, shall not infringe or misappropriate the intellectual property right of any third party.

Each team shall indemnify Shell against any loss or damage suffered or incurred by Shell as a result of any claim that the use by a team thereof infringes the intellectual property right of any third party.

ARTICLE 238: PHOTOGRAPHY AND VIDEOGRAPHY RIGHTS

By participating in Shell Eco-marathon Europe 2018, teams recognise and consent that Shell International Limited and more generally any affiliate of Royal Dutch Shell plc shall have the right to use your image whether captured in audio, visual or other forms, and/or any personal data collected in relation to the Event for advertising, marketing or promotional purposes without compensation.

ARTICLE 239: RELEASE FROM LIABILITY

The Organiser, its parent Royal Dutch Shell plc and all of its and their respective officers, directors, employees, shareholders, representatives and agents shall have no liability and will be held harmless by participants and institutions for any claim, action, liability, loss, injury or damage to any participant, Institutions and/or any other person or entity, including personal injury or death to any person or damage to personal or real property, due in whole or in part, directly or indirectly by reason of participation in this contest, or the acceptance, possession, use or misuse of a stipend and/or a prize (including any travel or related activity).

Without prejudice to the aforesaid, participants and institutions acknowledge that they will read, understand, accept and execute the Terms and Conditions of Participation document provided by Shell in order to participate in the Event.