



2017 Albi Eco Race Level 2 Challenge regulations



Version 2.6

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Bastien Colas, Léna Estrade, Alexandre Rousseau

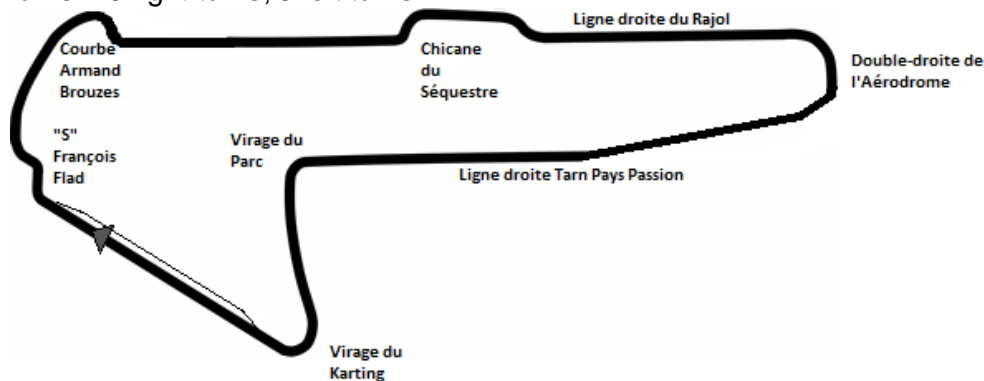
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I. GENERAL INFORMATION

The competition takes place on the Albi-Le Séquestre track:

- Length: 3.565 km (2.215mi)
- Turns: 10 right turns, 5 left turns






Circuit d'Albi - Le Séquestre





In this event, three competitions will take place (short-run, long-run, slalom). The organizers can modify these rules at any time for any reasons.

Article 1: ENTRIES

- A team is composed of a maximum of 15 persons.
- For each entry, a Team Manager and three Drivers must be designated.
- The Team Manager can only be responsible for one vehicle. He/she may also be a Driver for that vehicle, but only for that vehicle.
- The Team Manager is the Team's sole official liaison with the Organisers. All information will be addressed to him/her. For the purposes of the project, he/she will be responsible for the Team, must speak on behalf of the Team.
- The Drivers for one vehicle cannot be the Driver for another vehicle. All must be able to speak and understand English.
- The Drivers must know the French traffic regulations and be able to drive their vehicle safely whatever the weather and track conditions.

Article 2: FLAG SIGNALS

Flag	Meaning	Location	Use
	Start of race / Restart / End of hazard / Safe racing conditions / Pit lane open	Whole course	Waving flag
	Local caution / Full-course caution (if displayed with "SC" sign Safety Car on course)	Whole course	Waving flag / if necessary shown with „SC“ sign
	Debris, Fluid, or Oil on track	Whole course	Hold still

	Session stopped	Whole course	Waving flag
	Slow vehicle on track	Whole course	Waving flag
	Faster car approaching — during races / Lapped cars should give way to faster cars	Whole course	Waving flag
	Session finished / Winner	Race organizers only	Waving flag

Non-compliance with the flag signals will lead to time-penalties which will be assigned by the race control (cf article 4).

Article 3: SPEED IN THE PIT LANE

For both Urban Concept and Prototype classes, the speed limit in the pit lane is 25 km/h during the whole event.

Article 4: PENALTIES

a) The Organisers will exclude, disqualify or otherwise penalise any Participant who, in the judgement of the Race Director, has gained an unfair advantage as a result of any breach of these Official Rules, hindrance of other Participants, departure from the normal course, or any act or omission capable of misrepresenting performance, especially with regard to fuel consumption or method of propulsion.

b) Non-compliance with the driving rules will result in the following penalties:

Short-run: 1st infraction: Formal warning

2nd infraction: Invalidation of the best overall attempt

3rd infraction: Invalidation of the short-run

Long-run: 1st infraction: Formal warning

2nd infraction: Stop and go (3min)

3rd infraction: Stop and go (6 min)

4th infraction: Immediate Team disqualification

Slalom: Time penalty depending on the severity of the breach.

c) Other penalties can be applied by the race direction.

II. COMPETITION

The challenge entails three different challenges which are distributed over two days:

- The "Short Run" will take place on Friday the 6th of May 2016 in the morning.
- The "Long Run" will take place on Friday the 6th of May 2016 in the afternoon.
- The "Slalom" will take place on Sunday the 8th of May on the morning.

The teams will be free to work on their vehicles in the paddock from 7h00 to 22h00.

We remind the teams that the Prototypes are allowed to carry a maximum of 1.5 kg of battery and the Urban Concept are allowed to have a maximum of 4.5 kg of battery. For hydrogen vehicles, a conversion will be made. The teams are allowed to recharge their battery between the challenges.

Article 5: SCORING

The competition entails three different challenges which are distributed over two days. Through the participation in each of the three different challenges, the teams can get points. The general classification will be established from the total number of points obtained by each team. To be part of this classification, a team must participate to the three challenges.

The scoring for the different challenges is divided as follow:

	1st challenge: Short Run	2nd challenge: Long Run	3rd challenge: Slalom
1st	35 pts	50 pts	15 pts
2nd	25 pts	36 pts	11 pts
3rd	21 pts	30 pts	9 pts
4th	17 pts	24 pts	7 pts
5th	14 pts	20 pts	6 pts
6th	11 pts	16 pts	5 pts
7th	8 pts	12 pts	4 pts
8th	6 pts	8 pts	3 pts
9th	3 pts	4 pts	2 pts
10th	1 pt	2 pts	1 pt
11th...	0 pt	0 pt	0 pt

Article 6: SHORT RUN (1st challenge)

The aim of this regularity challenge is to do 5 laps at a fixed speed (given the day of the competition). The winner is the team who has less penalty point. The ranking will determinate the starting grid for the "Long Run".

- a) The "Short Run" will take place on Friday the 6th of May 2016 from 8h00 to 10h00 for the Urban Concept class and from 10h00 to 12h00 for the Prototype class.
- b) For the Urban Concept class, the track will open at 8 a.m. and the checkered flag will be shaken at 9h50. For the Prototype class, the track will open at 10h00 and the checkered flag will be shaken at 11h50.
- c) Several checkpoints will be set up. At each checkpoint, one penalty point will be given for each second late or in advance.
- d) The teams are free to make as many attempts as they want. Only the best attempt prevails.
- e) To be ranked and get the points associated to its position, the car must validate at least one attempt.

Article 7: LONG RUN (2nd challenge)

The aim of that challenge is to prove efficiency of electric cars. Each team must run the maximum number of laps in two hours. The “Long Run” will take place on Friday the 6th of May 2016 from 13h00 to 15h00 for the Urban Concept class and from 15h00 to 17h00 for the Prototype class.

- a) The cars must be on the starting grid 15 minutes before the start. After leaving the pit, the three drivers and the team manager are allowed to go on the track to push the car to the starting grid. To do so, the cars are exceptionally allowed to run against the race direction. They will be guided by volunteers. Five minutes before the start of the race, the track will be evacuated. At that time, the starting drivers must be ready to start.
- b) The starting grid will be established from the “Short Run” results and the race will start with a standing start.
- c) It is forbidden to change the batteries or to recharge the batteries thanks to any external source of energy.
- d) Each pilot must not drive more than 45 minutes in a row and must drive less than 1h15 during the whole race.
- e) If a pilot drives more than the times specified previously, the team will be given penalties during (stop and go) or after the race.
- f) For each driver change, the car must stop at least 2 min 30 s in front of its pit.
- g) A maximum of four people (including the driver) are allowed to interact with the car during pit stops.
- h) To be ranked and get the points associated to its position, the car must cross the finish line and run at least 50% of the number of laps covered by the winner.
- i) The winner is the team that has covered the longer distance and that satisfies the conditions explained in the point h.

Article 8: SLALOM (3rd challenge)

The aim of that challenge is to demonstrate the drivability of the vehicles.

- a) The “Slalom” will take place on Sunday the 8th of May 2016 from 8h00 to 10h00 for the Urban Concept class and from 10h00 to 12h00 for the Prototype class.
- b) This challenge will consist in several qualifying rounds that will oppose two competitors. (quarter final, semi-final, final).
- c) The winner of the round is the team that makes the best time including penalties and will be qualified for the next round.
- d) A braking zone will be set up on the track. A vehicle has to stop inside the braking zone. If it stops after it will be disqualified.
- e) A time penalty will be given for each moved block.
- f) The confrontation table will be established from the general classification obtained after the first two challenges. The first team will be opposed to the last one, the second will run against the last but one...
- g) In case where the total number of teams is odd, the first team of the classification will be directly qualified for the second round. The rest of the confrontation table will be established as explained above.
- h) The description on the slalom track will be given during the event.

III. AWARDS

Article 10: COMMUNICATIONS AWARD

- a) Objective

Running the most impactful and successful integrated communication campaign showing the efforts to promote the team in 2016. The winner will be the team that demonstrates the best continuous communicational and promotional activities.

b) Overview

An integrated communication campaign, using different media channels and engagement activities is essential for participants to promote their teams. Participating teams are required to create, run and evaluate a communication plan with various activities to show the team's trajectory ahead of the competition. When preparing the campaign, teams are encouraged to use a wide range of media channels, from traditional media (press, radio and TV), to online tools (websites, blogs) or social media networks (Facebook, Twitter, YouTube, Instagram etc.). The winner will be judged on the quality and creativity of the content, the volume of activity as well as the impact (potential reach) of the campaign (i.e. media impressions; website visits; YouTube video views; Facebook likes; event attendance, etc.).

c) How to participate

Participation in this competition is voluntary. This application consists in one file that should be simple, short and straightforward and should contain.

1. Communication Plan: Main ideas, objectives, strategy and timeline of the Communications Campaign.

2. Impact Analysis: Evaluation of the success of the communication campaign compared with its objectives.

3. Campaign portfolio: Examples of their campaign: press clips; event photos and footage; posters and brochures; creative infographics; websites links; social media channels (Facebook, Twitter, Instagram, Google+, YouTube, Tumblr, Vimeo, Vine etc.); blog posts; screen shots of social media posts; links to YouTube, Vimeo or Vine videos, etc.

The originality of the file will be taken into account in the evaluation.

This document must be sent by e-mail to contact@albiecorace.com before the 01/04/2016.

Article 11: TECHNICAL INNOVATION AWARD

a) Objective

This award is presented to the Team which demonstrates outstanding technical ingenuity along with optimal use of new materials, components and inventions in their drive train, chassis, body, instrumentation and tires.

b) Overview

Teams will be required to explain their innovative concept, its features and its benefits and the potential it has for 'real world' application. Teams are strongly encouraged to consider all intellectual property in order to be eligible for this award. The winning team must have at least validated the technical inspection.

c) How to participate

Application for this award is voluntary. Teams interested in winning the Technical Innovation Award must send an application in .pdf format by e-mail to contact@albiecorace.com before the 01/04/2016. The document must not exceed 1,500 words plus photographs, drawings or animations as applicable.

Article 12: SAFETY AWARD

a) Objective

This award aims to highlight the importance of structural, process and behavioral safety and encourages all participating teams to actively consider and implement safe practices in their daily work. It challenges all teams to review established practices, inspect tools and equipment as well as review their procedures in order to implement changes which lead to higher safety standards.

b) Overview

In order to win the award, the team must demonstrate excellent understanding of safe design concepts and the application to their car and the manufacturing process. Furthermore, the winning team must be able to demonstrate safe working practices as well as an overall proactive approach to their own and other people's safety at the event. In their submission the team will also explain which changes they have implemented to achieve higher standards of safety. In order to be eligible for this award, the winning team must have successfully passed the technical inspection.

c) How to participate

Application for this award is voluntary. Teams interested in winning the Safety Award must send an application in .pdf format by e-mail to contact@albiecorace.com before the 01/04/2016. This document must not exceed 1,500 words plus supporting photographs, documents, drawings or animations as applicable.

Article 13: PERSEVERANCE AND SPIRIT OF THE EVENT AWARD

This Award is presented to the team which, in the opinion of the organizers, symbolizes best the spirit and values through their actions, which can involve but are not restricted to: overcoming great obstacles in order to attend competition; mastering exceptional challenges while participating; supporting other participants to help them overcoming significant challenges or obstacles; keeping high spirits, showing outstanding resilience, resolve and resourcefulness. Teams have not to apply for this award.

Article 14: DIVERSITY AWARD

a) Objective

This award is presented to the team which integrates participants with different formation, skills and backgrounds. The winner is the team that is able to seek talents outside its original structure.

b) Overview

In order to win the award, the team has to explain why they need the competences of each different formation and what they bring to the team (what benefits). In their submission the teams will also explain which changes they have done in their organization to integrate the different members to their structure.

c) How to participate

Application for this award is voluntary. Teams interested in winning the Safety Award must send an application in .pdf format by e-mail to contact@albiecorace.com before the 01/04/2016. This document must not exceed 1,500 words plus supporting photographs, documents, drawings or animations as applicable.

Article 15: ANIMATION AWARD

a) Objective

This award aims at presenting the teams, their functioning, their projects and the technologies they use to the public. It encourages the participants to be clear and to communicate with the public who is interested in their project.

b) Overview

In order to win the award, the team must make a presentation in the form of its choice in order to make it attractive and accessible to the public. The originality of the presentations will be valued in the selection of the winners of this award.

c) How to participate

Application for this award is compulsory. Each team has to give a 10 minute presentation to the public on Saturday. The presentation must be held in English or in French. The teams can

decide themselves how many people will be involved in the presentation. 30 minutes will be devoted to each team for the presentation and discussions with the visitors. If a team refuses to comply with this rule, it will be penalized during the next race (cf. Article 4). No document has to be sent to the organizers.