

OFF-TRACK AWARDS AT EVENTS

Applications for the Off-Track Awards must be related to the Team's Shell Eco-marathon project. Previous award winners **and second places** cannot re-apply using the same project. Submission must be clearly different from previous winning applications. Applications must include **only** the Team identification number (ID) and **the Team name** on the cover. **Do not include any personal information within the applications, for example, please do not include personal names or contact details.**

Applications for all Off-Track Awards must be made in the English language.

For the Shell Eco-marathon Off-Track Awards, the required documents must be uploaded to the [Shell Eco-marathon registration website](#). Please refer to the [Shell Eco-marathon website](#) for the applicable submission deadline.

By submitting an Off-Track Award entry, the Team agrees for the Organisers to publish their entry as deemed necessary to recognise the achievement and provide coaching to other Teams.

The following three categories of the Off-Track Awards, described in Articles 100, 101 and 102 of Chapter I, will be available at on-track events only. Prizes for these awards will be detailed in each event's Chapter II rules.

Teams applying for these awards may be visited by the judges during the event and are required to make a Team Member available to them at their request. The judges may ask further questions, wish to see evidence, or discuss the Team's submission in more detail.

1. Vehicle Design
2. Technical Innovation supported by Southwest Research Institute
3. Safety supported by DuPont

VEHICLE DESIGN AWARD

a) Overview

This award recognises innovative design research and execution and will be awarded to the Team which presents the most original and coherent vehicle in terms of aesthetics, ergonomics, technical feasibility, choice of materials and circular economy thinking. Each of these five criteria will be considered in a final decision.

There will be one award for each vehicle category, Prototype and Urban Concept, if a minimum of five Teams are registered in each category for this award. If less than five Teams are registered in one or both categories, Prototype and Urban Concept will be grouped in a single award. To be eligible for the Vehicle Design Award, the winning Team must have at least one valid competition attempt, i.e. the Team must have a result on the score board.

Teams applying for this award may be visited by the judges during the event and are required to make a Team Member available to them at their request. The judges may ask further questions, wish to see evidence, or discuss the Team's submission in more detail.

b) Objective

Teams are required to describe their design approach, the basis for their research, factors which make this design special and issues and solutions encountered during the vehicle production process. Photographs, drawings and/or screenshots of 3D renderings must be included to illustrate the process.

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c) How to participate

Application for this award is voluntary. Teams interested in the Vehicle Design Award must submit a report in .pdf format which does not exceed 1,500 words, using a minimum font size of 10 points, and 10 pages; images, screenshots, graphs, tables and drawings do not count towards the word count but must still respect the maximum number of pages. This document must contain as a minimum the following information:

- Description of the original design idea the Team wanted to develop and why;
- Seven images of the vehicle (photographs or drawings) which represent the car, such as:
 - 3/4 front perspective view
 - 3/4 rear perspective view
 - Direct Front view
 - Direct Rear view
 - Side view
 - Top view
 - Cockpit view
- A brief project timeline and overview of the Team structure and work allocation;
- When was this vehicle registered for the first time for Shell Eco-marathon?
- What are the new developments this year (if registered before)?
- Details about research and tests done to prove the vehicle's energy-efficiency;
- Details about vehicle safety and driver ergonomics aspects;
- Details about the materials used and how well they can be recycled;
- The weight of the car and details on how the Team managed weight reduction.

TECHNICAL INNOVATION AWARD SUPPORTED BY SOUTHWEST RESEARCH INSTITUTE

d) Overview

This award is presented to the Team which demonstrates outstanding technical ingenuity along with optimal use of new materials, components, methodology and inventions in their drive train, chassis, body, instrumentation or tyres. Teams should focus on one specific innovation in their submission.

To be eligible for the Technical Innovation Award, the Team must have at least one valid competition attempt, i.e. the Team must have a result on score board.

Teams applying for this award may be visited by the judges during the event and are required to make a Team Member available to them at their request. The judges may ask further questions, wish to see evidence, or discuss the Team's submission in more detail.

e) Objective

Teams will be required to explain their innovative concept, its features and its benefits, how it relates to the Shell Eco-marathon competition and the potential it has for 'real world' application. Submissions that provide in-depth information on a specific innovation are preferred over those that give a general overview of multiple innovations to the project vehicle.

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Teams are strongly encouraged to consider all intellectual property developed in conjunction with the Shell Eco-marathon programme as valuable assets and seek professional advice about its protections through patents or trademarks before publishing.

f) How to participate

Application for this award is voluntary. Teams interested in the Technical Innovation Award must apply with a report in .pdf format which is not to exceed 1,500 words, **using a minimum font size of 10 points**, and 10 pages; images, screenshots, graphs, tables and drawings do not count towards the word count but must still respect the maximum number of pages. As part of the submission, Teams must include an Executive Summary at the beginning of the submission that answers the following questions, at minimum:

- Describe the **specific** innovation.
- What makes the innovation unique/novel?
- Is the concept relevant to real world applications? If so, how?

SAFETY AWARD SUPPORTED BY DUPONT

g) Overview

This award aims to highlight the importance of safety in the Shell Eco-marathon programme and encourages all participating Teams to actively implement safe practices in their daily activities. It challenges all Teams to review their ways of working including but not limited to training, management and inspection of tools and equipment, assessment and management of PPE requirement, and to review their procedures in order to identify areas where safety standards can be improved.

Teams applying for this award may be visited by the judges during the event and are required to make a Team Member available to them at their request. The judges may ask further questions, wish to see evidence, or discuss the Team's submission in more detail.

b) Objective

To be eligible for the award, the Team must demonstrate excellent understanding of safe design concepts and safe manufacturing processes. Furthermore, the Team must be able to demonstrate safe working practices as well as an overall proactive approach to their own and other people's safety in their home workshop and/or at live event - in paddocks and on the track. In their submission, the Team must also explain changes they have implemented to achieve higher standards of safety.

c) How to participate

Application for this award is voluntary. Teams interested in the Safety Award must submit a report in .pdf format which is not to exceed 1,500 words, **using a minimum font size of 10 points, and 10 pages**; images, screenshots, graphs, tables and drawings do not count towards the word count but must still respect the maximum number of pages.