

Shell ECO-MARATHON® AMERICAS

TEAM FACT SHEET



Louisiana State University

Country: United States

Design Class: Prototype

Fuel Type: Gasoline (Petrol)

Team Name: LSU Eco-Marathon Team

Vehicle Name: Ellen

Team Members:

Andrew Bayer - Drive Train

Monica Cage - Driver

Danny Currault - Engine

Paul Duhon - Controls

Corey Mitchel - Electrical

Brad O'Dwyer - Drive Train

Nick Seghers - Driver

Jordan Truitt - Manager



Award Submission(s):

Design

The LSU team would be a good candidate for the design award. The team utilized the KISS method (Keep It Simple Stupid) and felt that a simple, clean car would be the best approach for this project. The team designed everything on the computer and made each component sleek and visually appealing. Once the construction phase was under way, the team took extra steps to make the car as presentable as possible. These steps included polishing the chassis to give it a brushed aluminum appearance, painting the steering arms purple and gold to make them more appealing, and neatly bundling all wires and cables to give a cleaner, more organized wiring system. The team plans on giving the car a very eye catching paint scheme and is in the process of prepping the body for a flawless paint job. The windshield was chosen for its sleek, streamline appearance as well as its clean look. The team feels confident they will have one of the most visually appealing cars at the competition.

Communication and Marketing

The team spent the entirety of their summer contacting potential sponsors and developing an inclusive sponsorship packet to present to each possible sponsor. The team was given an ultimatum at the beginning of the Fall semester that if they could not raise the required funding to build the prototype, they would not graduate. The team, thankfully, was able to collect enough money to continue with the project and build the car. The team even raised enough money to make the trip to California. The team has kept in close contact with their sponsors by sending invitations for them to attend the design presentations and by publishing a periodic newsletter explaining the progress the team has made. As per the requirements of the team's senior design class, they were required to write design papers and do presentations explaining their design ideas and calculations. The team gave a final design presentation to a design panel, consisting of veteran engineers, at the conclusion of the Fall semester and was the top ranking design team for the class. This was a very respectable achievement, as there were fifteen design projects, all consisting of very bright students. The team has been featured in the school paper numerous times and has also been featured in a documentary for a broadcasting class. The team was chosen for the Shell Flip camera project where they were asked to document their progress and daily happenings on camera. They feel they would be a good candidate for the Communication and Marketing award.

