# *Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.*

# *Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at* *sustainability-committee@illinois.edu**.*

**Project Name:** Illini Ecoconcept Car

**Date of Report Submission:** 1/9/2018

**Project Purpose:**

The goal of our project is to design, test and build a new vehicle that is made of environmentally friendly materials and is powered by green energy technologies. We also want to educate our peers on the benefits of powering vehicles with battery electric and hydrogen fuel cell technologies.

**Detailed Accounting of Expenditures to Date:**

See spreadsheet.

**Project Progress to Date:**

All our design elements have completed. Powertrain, electronics, body/chassis and suspension designs have been finalized and we have a master CAD design of the car that we are currently working with that includes all our powertrain, battery and suspension needs.

Over Christmas break we have been fabricating the molds that we will use to construct the body and the chassis out of carbon fiber. We will likely have these completed by the end of Christmas break and then begin milling them at the beginning of next semester.

Near the end of the Fall 2017 semester we contacted the SSC in regards to changing the scope of our project. We had originally planned to continue using hydrogen to power our car as we had in years past, but we decided it would be more expedient for us to build the power system using battery electric power. This decision was approved by SSC and we appreciate their flexibility in letting us change the system.

**Student Involvement and Outreach to Date:**

Our subteam leads have been hard at work building their components of the car. We’ve been working hard to make sure that new members to the team are included and given meaningful projects in the hopes that they’ll wish to take on further responsibility in the future.

**Marketing and Promotion Efforts to Date:**

We have been closely working with the business department to create a new Business-Engineering bridging class that will allow business students to work with engineering technology teams and help us secure funding, manage our money, and promote ourselves to the university and to the student body. We’ve also secured additional funding of $9,000 from the Engineering Design Council.

**Additional Comments:**

Once again we’d like to thank SSC for their continued support of our team. We appreciate the work you’ve allowed us to do! We’re very excited to see how our vehicle turns out this year!