# *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:** CornCrete

**Date of Report Submission:** 8/1/2018

**Project Purpose:**

The primary aim of the project is to utilize agricultural “waste” material and see if it can be used as a building product.

**Detailed Accounting of Expenditures to Date:**

Costs to date:

**General Supplies / Hourly Labor**

$45 Corn Stover (1 bale)

13.67 Tarps to cover stover (Menards)

**Testing & Equipment**

$275 Data Logging Thermometer (Omega Engineering)

$36.38 Peg board panels for drying samples (Menards)

$70.82 Ice and supplies to conduct thermal resistance tests.

Remaining: $46,559.13

It make most sense to draw the $45 for the bale of corn stover from hourly wages as that is where the bulk of the expense will be to drawn on and processing our raw materials. May be a Scope Change would be advisable to create a new line item General Supplies and reduce the budget slightly for hourly labor or the Testing Equipment line item.

**Project Progress to Date:**

Based on the Scope and Schedule we submitted with the original proposal we have the following to report:

1. Testing Material in Laboratory – This was completed on schedule with positive results, however a second round of testing will need to be completed to see if an improved product can be made
2. 3D Printing Test – This has not been completed as estimated. Working with the robot has proved more difficult than expected but we have recently added more labor resources to get that milestone complete 12/20/2018 is the new estimated completion date.
3. Production of Organic Insulation – This is to be completed by Nov 2018 – two students have received safety training to complete part of this process.
4. Building Design Development – Due to a change in teaching assignment this will now take place in Spring 2019 with completion Aug 30th 2019

The 2 other milestones remain as scheduled

**Student Involvement and Outreach to Date:**

During the summer one student has bee working approximately 10 hours a week.

**Marketing and Promotion Efforts to Date:**

The work was referred to on page 15 of this publication: <http://faa.illinois.edu/dimension-magazine> More promotion of the project will take place in the coming semester.

**Additional Comments:**

I think we need a Scope Change that will create a new line item General Supplies and reduce the budget slightly for hourly labor or the Testing Equipment line item.