# Final Deliverables and Presentation

*Your final deliverables and presentation are worth 175 points. These points have been shifted slightly from the original syllabus due to cancellation of EOH project, etc. The final work consists of the following:*

* *Written assignment and attached deliverables - due to Compass by 11:59pm on May 5th (125 points)*
* *5-minute presentation given in class on May 6th (50 points)*

*Both portions will be completed as a team, so only one submission is required. There are a few questions we would like you to answer individually; these are specified. For those, please make sure you attach your name to your answer.*

**Written Deliverables (125 points):**

1. *We will be using the following information to update the website. Please keep that in mind when writing your answers and be clear and concise (1-2 sentences). Answer these questions as a team. (25 points)*
   1. **What is the project scope? Include background information if necessary to understand the task.**

The EPA SmartWay Program is an initiative that aims to reduce freight transportation emissions. Companies can become registered SmartWay Partners by meeting certain standards of fuel efficiency and emissions reductions, and an organization can become a SmartWay Affiliate to spread the word about the program to their shipping partners. The goal of this project was to register the University of Illinois as a SmartWay Affiliate so we can share information about the program to companies that ship to campus and reduce our overall impact on commercial transportation emissions.

* 1. **What did you accomplish?**

We submitted the SmartWay contract for approval, which will allow the University of Illinois to become a registered SmartWay Affiliate. Since the approval of the contract was delayed, we didn’t begin implementing any of the initiatives associated with being an Affiliate on campus, but we developed a plan for ways to implement the project in the fall. This included narrowing down which departments we need to share information about the project with and creating a presentation to share with these departments.

* 1. **Who did you collaborate with? (Organization titles rather than people’s names.)**

This project was done in collaboration with Facilities and Services.

* 1. **What was the result of your project work and how will it be used in the future?**

This semester, we set the SmartWay contact in motion so that we can move further with the initiative in the future. The University of Illinois has been discussing the potential of becoming a SmartWay Affiliate for several years, and this plan was finally put into action this semester. We have laid the groundwork for conversations with different departments about how to reduce the university’s impact on freight transportation emissions, and we will be able to build upon this foundation in future semesters to start implementing the project on a campus-wide scale.

1. *Answer this question individually. There should be two answers with associated names if you are working in a team. (25 points)*
   1. **What is your biggest takeaway from being a part of the GFX Scholars program?**

The GFX Scholars program connected me with so many amazing resources during my first year of college. Thanks to this program, I have already had a study abroad experience, worked on a real sustainability project on campus, and found an incredible support system among other freshmen women in engineering. I have also gained a greater understanding of sustainability issues in a global context and what I can do to make a difference as a future engineer. By learning about different approaches to sustainability issues in Costa Rica, as well as learning about sustainability initiatives here on campus, I feel more connected to sustainability on both a local and a global scale. I now have the resources to get involved with current sustainability initiatives, and I have a greater understanding of how I can tailor my future career to take on sustainability challenges as well.

1. *Please explain below what you are submitting as deliverables so that we know what the documents are. Be sure to attach all of these deliverables with this document in the Compass submission folder. (75 points)*

I have attached a PowerPoint presentation about the SmartWay program that details our roles as a SmartWay Affiliate and the benefits of the program. (Note: since we have been awaiting the approval of the contract all semester, this presentation just contains the basic information about the project and doesn’t lay out details of how this initiative will actually be implemented. These slides are a continual work-in-progress moving forward.)

I have also included a link to the iCAP portal page for the SmartWay project, where I have updated the project description and added a link to the EPA website for more information about the program.

<https://icap.sustainability.illinois.edu/project/smartway-transport-partnership>

**Presentation (50 points):**

*Please address the following points in a 5-minute presentation in class on May 6th. You are welcome to show visuals if they would supplement your content, but they are not required. In preparation for your presentation, please type a succinct bullet-point outline below and use to this to guide your presentation.*

1. **Explain what you created as a final result/deliverable. (10 points)**

* I created a short PowerPoint presentation about the EPA SmartWay program, which can be used in conversations with different departments.
* The slides detail what the program is, what our role as an Affiliate is, and the benefits of the program.
* Additionally, I updated the SmartWay page on the iCAP portal to include an up-to-date description of the project and a link to the EPA website.

1. **What lessons did you learn as a consultant? (10 points)**

* I learned about the importance of being flexible and adjusting my plan in the face of changes.
* I learned that it’s okay to consult outside resources and ask lots of questions if there are aspects of a project that I don’t quite understand.

1. **What did you learn about the importance and implementation of sustainability in engineering projects? (10 points)**

* I learned that sustainability is connected to every project in some way, even if that connection isn’t always clear.
* Transportation emissions from companies that ship to our campus is something we don’t necessarily think of when making the decisions about who to buy from, but it is an important consideration that can actually make a huge difference in our impact on sustainability.

1. **How has your view of sustainability changed with your project experience? (10 points)**

* This project took more of a policy-based approach to sustainability, which is something I haven’t been exposed to before.
* I learned that implementing a policy that you don’t immediately see the impacts of can be just as effective as a more hands-on sustainability project.
* While we won’t really see the impacts of SmartWay as a university, it is an important initiative in reducing our impact on transportation emissions globally.

1. ***Answer individually:* What will this experience do for you moving forward/where do you see yourself going? (10 points)**

* I’m planning to continue with the SmartWay project in the fall once the contract is approved and we can start implementing some of the things we had planned for this semester.
* This experience helped me to learn more about the process of working on a sustainability project on campus. I’m more aware of resources I can go to as I continue this project, or if I am ever involved in a different sustainability initiative on campus.