



# GREEN FUND

## Project Application

**Green Fund Mission Statement:** “The NAU Green Fund promotes student participation in and provides funding for projects that reduce NAU’s negative impact on the environment and create a culture of sustainability on-campus.”

### REQUIREMENTS FOR FUNDING:

- The project must be implemented on the Flagstaff Mountain Campus.
- The person submitting the project must be a NAU student, faculty, or staff member.
- Projects must provide all necessary documents, letters of support, and authorizations prior to submission.
- The Green Fund distributes funding on a **reimbursement basis**. Project teams should partner with an administrative office to provide upfront funding for the project. Once the project has been successfully completed, the Green Fund will reimburse the administrative partner.
- All project applications should be submitted to [greenfund@nau.edu](mailto:greenfund@nau.edu) for review.

**DISCLAIMERS:** All applications will go through a comprehensive vetting process, and you may be asked to provide more detailed information. **The Green Fund is not responsible for acquiring the necessary permits, permissions, or approvals for a project, although we are happy to assist with this process if needed.** Additionally, the Green Fund does not provide any ongoing maintenance costs unless otherwise specified by the committee. A sponsoring department must take responsibility for operations and management. The Green Fund Committee only meets during the academic year. All projects submitted outside of the regular academic year will be reviewed at the start of the next academic session.

**REVIEW PROCESS:** Upon project application submission, the Green Fund will begin to review your project within two-three weeks. At this time, the Green Fund will provide comments on the project. **This process can extend for long periods of time depending on the scope of the project.** Incomplete applications will not be reviewed until all components are submitted.

**We highly recommend meeting with a Green Fund Committee member prior to submitting the application. The Green Fund Committee member will assist you with the proposal writing process, if needed.**

## CONTACT INFORMATION

### Contact Information

Project Leader Name: Trey Cooper

Phone: (206)-953-8017

NAU Email: tgc48@nau.edu

Expected Graduation Date (if applicable):  
N/A

Project Name: Refrigerator Replacement

### Project Advisor Information

Project Advisor Name: Erin.McAnally-Trejo

Phone: 480-688-9019

NAU Email: Erin.McAnally-Trejo@nau.edu

NAU Department/Unit for Funding  
Reimbursements: Facility Services

## PROJECT OVERVIEW

Please answer the following questions to the best of your ability, for questions that are not applicable, please list N/A.

### Executive Summary

Please provide a brief overview of your proposal. Please address how this project will support the goals of the Green Fund (student involvement, creating a culture of sustainability, and lessening NAU's impact):

My proposal involves replacing old and inefficient refrigerators and freezers in the Science Lab Facility with Energy Star-rated appliances. This project will support the goals of the Green Fund by reducing NAU's energy consumption and carbon emissions. This project will also help establish a standard regarding the minimum energy efficiency of lab appliances.

### Project Components

1. Does your project require space or construction on campus? If so, where? Please review the "Space Committee Document" located on our webpage and follow the steps to begin requesting a location.

Our project does not require construction or space allocation on campus.

2. Have you obtained all necessary approvals for this project? The Green Fund is not responsible for acquiring the necessary permits, permissions, or approvals for a project, although we are happy to assist with this process if needed. Please attach all letters of support to this application. Letters of support should include confirmation from the sponsoring department that the sponsoring department will cover all upfront expenses and work with the Green Fund Business Manager to acquire reimbursement after project completion.

Our office has obtained permission from the building manager, Kurt Ristinen, to proceed with this project.

3. Does the project include any continued maintenance costs? The Green Fund does not provide any ongoing maintenance costs unless specified within the budget and approved by the committee. A sponsoring department must take responsibility for operations and management.

This project does not include any continued maintenance costs, as facility services will cover any future expenses.

4. Will this project provide funding for student wages? Coordination of wages must be done through the sponsoring department and must be included within the project budget.

This project does not require funding for student wages, as our office only plans to purchase refrigerators and freezers.

5. Please list all additional sources of funding you have pursued, including department, grants, ASNAU graduate, student government, etc.

Our office has only sought funding from the Green Fund, as our project most closely aligns with the mission of the Green Fund.

## **Project Specifics**

1. Is there a public outreach plan? How do you plan on communicating your project with the NAU community? Do you require assistance from the Green Fund in your outreach plan?

Our team plans to contact the lab managers of the affected spaces via email in order to inform them that we've obtained new refrigerators and freezers for their labs. Our office does not require assistance from the Green Fund for our outreach plan.

2. Are you working with other groups on or off campus? If so, describe your partnership.

Our team is working with the Utilities office and Property Surplus office in order to install the new cold storage units and ensure older units are resold or properly disposed of.

## **Project Parameters**

1. What are the environmental costs and benefits associated with your project?

There are several environmental costs and benefits associated with our project. The benefactors of our project need to store biological samples in freezers set to temperatures below 0 degrees Celsius. This can be considered an environmental cost due to the fact that maintaining these temperatures leads to higher energy consumption. However, upgrading the refrigerators and freezers in the building will reduce the amount of energy needed to store these samples, thus reducing greenhouse gas emissions. Our new refrigerator units would also have climate-friendly refrigerants such as r600a, which is significantly less harmful to the environment in the event of a leak compared to our current refrigerators.

2. Is this a one-time expense or will you require future funding for your project?

This project would be a one-time expense as our office only plans on purchasing the appliances.

### 3. How will you measure and monitor the impact of your project after its implementation?

The NAU Utilities office would use its software and meters in order to monitor the overall energy use of the building. After data is collected for 30 days, the Utilities office would compare electricity usage data from before and after the new appliances were installed. Lastly, the project leader will create a report detailing how many kilowatt-hours of electricity were saved by installing new appliances.

### Project Budget

Please include a thorough breakdown of all project costs as well as **justification for each line item**, as well as a 5% line item for contingency. Based on the parameters of the project, the committee may increase or decrease this contingency. **Make sure to include all potential taxes or costs associated with each item.**

Item	Quantity	Price	Justification
Refrigerator	6	\$799	This appliance would reduce energy usage, which would lower NAU's carbon emissions while also helping the university save money
Freezer	1	\$999	This appliance would reduce energy usage, which would lower NAU's carbon emissions while also helping the university save money
Installation Costs	7	\$118	NAU Utilities charges a fee of \$59 per hour to install new equipment. Each refrigerator is estimated to take 2

			hours to install.
Potential Disposal Costs	7	\$35	NAU Surplus will charge a fee of \$35 in order to dispose of the older refrigerators in the event that NAU cannot resell them.
Delivery Fee	7	\$79	Home Depot charges a delivery fee of \$79 per appliance

<b>5% Contingency (5% of total project cost)</b>	\$371
<b>Total Project Cost</b>	\$7788

**Project Timeline**

Please provide a timeline for the significant dates of your project. Please add all relevant information and consider any holidays/breaks and time required to obtain necessary approvals. **Please be as specific as possible.**

<b>Timeline</b>	
<b>Action &amp; Parties Involved</b>	<b>Month/Year</b>
NAU Office of Sustainability Purchases Refrigerators and Freezers from Home Depot	09/08/2025
Office of Sustainability and NAU Surplus installs new equipment and disposes of old equipment	09/15/2025
Green Lab Coordinator Creates a report regarding energy usage	10/15/2025

Anticipated Date of Completion	10/15/2025
--------------------------------	------------

## Project Completion Checklist

Please complete all of the following items before submitting an application

- Contact Information
- Project Overview
- Project Budget
- Project Timeline
- Obtain **ALL** necessary letters of support for reimbursement, ongoing maintenance, student wages, etc. Attach the letters of support to the completed application.
- Submit the completed application to [GreenFund@nau.edu](mailto:GreenFund@nau.edu)

*Thank you for your submission. We deeply appreciate your commitment to sustainability at NAU, and we look forward to working with you.*