

Green Lab Sustainability Certification

Thank you for your interest in the ASU Green Lab Sustainability Certification Program! As an ASU Sustainability Certified Green Lab, ASU's Environmental Health and Safety Department (EH&S) and University Sustainability Practices (USP) will provide your lab with a new lab safety registration door sign that indicates your Green Lab status. Your achievement will be recognized by the University as you play a major part in meeting ASU's sustainability goals (cfo.asu.edu/sustainability).

This self-assessment is quick and simple and should take approximately 10 minutes to complete. If you are interested in University Sustainability Practices facilitating this assessment or presenting a sustainability training for your lab, please email greenlabs@asu.edu for further information.

Determine which activities your laboratory(s) have implemented or pledges to implement by checking the appropriate assessment criteria. The total points will determine which level of you have achieved [Bronze(35 - 49), Silver(50 - 64) or Gold(65 - 90)]. This assessment can be used for multiple labs.

We highly recommend you review the PDF file of the assessment and the Resource Toolkit (both found on the Green Lab Certification Welcome Page) prior to submitting the assessment!

* Required

1. **Email address ***

Laboratory Information

2. **Name of Principal Investigator: ***

3. **Principal Investigator's email: ***

4. **Name of your department: ***

Please be specific and do not use acronyms.

5. **Name of your appointed Green Lab Coordinator: ***

The Green Lab Coordinator describes the person in charge of ensuring that the commitments outlined in this assessment are followed by the labs listed below.

6. Email address of your Green Lab Coordinator:

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The Green Lab Coordinator describes the person in charge of ensuring that the commitments outlined in this assessment are followed by the labs listed below.

7. Building name(s) where your lab(s) are located: *

Please be specific and do not use acronyms. Separate each building name using a comma.

8. Room number(s) where your lab(s) are located: *

Separate each room number using a comma.

9. Lab Safety Registration Number(s): *

This number is located on the lab registration door sign, near the lab entrance. Separate each number using a comma.

10. What is the number of employees that work in your lab(s)? *

Mark only one oval.

- Under 5
- 5- 10
- 10-20
- 20- 40
- over 40

Green Lab Certification

Determine which activities your team has achieved, or plans to achieve, by checking the appropriate assessment criteria. The total points will determine which level of Green Lab Certification you and your team have achieved (Bronze, Silver or Gold).

11. Culture of Sustainability *

Check all efforts that are integrated into your lab's practices.

Mark only one oval per row.

	Implemented	Not implemented
Lab sustainability topics and goals are discussed at staff meetings. (1 point)	<input type="radio"/>	<input type="radio"/>
This assessment is shared with all lab members, so they are aware of their commitment and areas of improvement. (1 point)	<input type="radio"/>	<input type="radio"/>
Staff have set sustainability goals or objectives and assigns duties to meet them. (2 points)	<input type="radio"/>	<input type="radio"/>
Staff have completed the Seeds of Sustainability Literacy Training. (3 points)	<input type="radio"/>	<input type="radio"/>

12. Energy Conservation *

Check all efforts that are integrated into your lab's practices.

Mark only one oval per row.

	Implemented	Not implemented	Not Applicable
Freezer or refrigerator equipment is defrosted on a regular basis, and the coils and motors are regularly cleaned. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refrigerator inventory is maintained and expired items are discarded. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freezer, refrigerator, and other equipment are Energy Star rated. (3 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ultra-low temperature freezers are set to -70° Celsius. (2 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory freezer or refrigerator is in a centralized location for multiple users. (3 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Set all equipment (i.e. computers, monitors, heat plates, spinner plates, etc.) to energy-saving modes or turn them off when not in use. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
"Energy vampires" (i.e. cell phone chargers, battery chargers, etc.) are unplugged when not in use. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motion sensors are used to automatically shut off the lights when the lab is vacant. (2 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If motion sensors are not used, desk lights are turned off when daylight is adequate. (2 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If motion sensors are not used, ensure lights are off in vacant or rarely used areas (cold rooms, storage rooms, etc.). (2 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use task light when working alone. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Close fume hood sashes when not in use. (2 points)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fume hood energy conservation stickers are placed on hood. These stickers are provided by the Environmental Health & Safety Department. (1 point)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. Waste Reduction *

Check all efforts that are integrated into your lab's practices.

Mark only one oval per row.

	Implemented	Not implemented
Meeting agendas and other documents are distributed electronically. (1 point)	<input type="radio"/>	<input type="radio"/>
To encourage both sides of paper to be used before recycling it, scratch paper box and signage is accessible (i.e. one-sided printed paper can be used as scratch paper). (2 points)	<input type="radio"/>	<input type="radio"/>
Printed materials are provided by special request only. (1 point)	<input type="radio"/>	<input type="radio"/>
Request little or zero excess packaging in shipping instructions. (1 point)	<input type="radio"/>	<input type="radio"/>
Lab maintains electronic copies of MSDS/ SDS in place of paper binders. (2 Points)	<input type="radio"/>	<input type="radio"/>
Shared supplies area limits wasting extra quantities of ordered items. (2 points)	<input type="radio"/>	<input type="radio"/>
Used batteries are sent to EH&S. (2 points)	<input type="radio"/>	<input type="radio"/>
Lab utilizes the Blue Bag program from Zero Waste department. (2 points)	<input type="radio"/>	<input type="radio"/>
Participates in the Chemical Exchange Program. (3 points)	<input type="radio"/>	<input type="radio"/>
Supplies are purchased in bulk. (2 points)	<input type="radio"/>	<input type="radio"/>
Lab practices any of the EPA American Chemical Society 12 Principles of Green Chemistry (www.acs.org/content/acs/en/greenchemistry/what-is-green-chemistry/principles/12-principles-of-green-chemistry.html). (3 points)	<input type="radio"/>	<input type="radio"/>
Lab reduces the amount of unwanted mail via removing names from mailing lists or (www.consumer.ftc.gov/articles/0262-stopping-unsolicited-mail-phone-calls-and-email). (3 points)	<input type="radio"/>	<input type="radio"/>
Boxes, envelopes, and packaging materials are reused in the lab or returned to vendor for reuse. (3 points)	<input type="radio"/>	<input type="radio"/>
All landfill bins have an accompanying recycling bin and are placed directly next to each other. To request a bin visit: cfo.asu.edu/recycle-request . (3 points)	<input type="radio"/>	<input type="radio"/>
If your lab is a teaching lab for undergraduate classes, it is participating in ASU Nitrile Glove recycling program. (1 Point)	<input type="radio"/>	<input type="radio"/>

14. Water Conservation *

Check all efforts that are integrated into your lab's practices.
 Mark only one oval per row.

	Implemented	Not implemented
Water leaks in pipes and sinks are immediately reported to Facilities Management (cfo.asu.edu/requests-for-service). (1 point)	<input type="radio"/>	<input type="radio"/>
Employees are trained to use water conservatively. (1 point)	<input type="radio"/>	<input type="radio"/>
Energy efficient vacuum pumps are utilized in place of water aspirators. (2 points)	<input type="radio"/>	<input type="radio"/>
Lab does not use single pass cooling, or an alternative to single pass cooling is used. (2 Points)	<input type="radio"/>	<input type="radio"/>
Water leaks are reported ASAP. (1 point)	<input type="radio"/>	<input type="radio"/>

15. Procurement *

Check all efforts that are integrated into your lab's practices.
 Mark only one oval per row.

	Implemented	Not implemented
Laboratory uses glass or other recyclable laboratory ware. (2 points)	<input type="radio"/>	<input type="radio"/>
Nontoxic and biodegradable products such as Safer Choice are used. (2 points)	<input type="radio"/>	<input type="radio"/>
Chemicals and other needed materials are routinely inventoried and purchased in small or as needed. (2 points)	<input type="radio"/>	<input type="radio"/>
High performance and low volume style fume hoods are purchased. (3 points)	<input type="radio"/>	<input type="radio"/>
Printed materials are 100% post consumer recycled content paper and is FSC certified. (2 points)	<input type="radio"/>	<input type="radio"/>

16. Create your Own Green Idea #1 *

Please share at least one green idea (including Lab Hacks) that your ASU laboratory is currently practicing or pledges to practice in the near future that is outside the scope of what is discussed in this assessment. If you do not wish to add goals to your application, simply put "N/A" in the section below. (5 Points)

17. Create your Own Green Idea #2 *

Please share at least one green idea (including Lab Hacks) that your ASU laboratory is currently practicing or pledges to practice in the near future that is outside the scope of what is discussed in this assessment. If you do not wish to add goals to your application, simply put "N/A" in the section below. (5 Points)

Sustainability Pledge

Please read the statement below and sign your name. By signing your name below, you are committing to living a more sustainable lifestyle through the actions you have selected in this assessment.

18. I pledge to implement the sustainable practices as outlined in this assessment. I will consider the environmental, social, and economic impact of my daily decisions and make every effort to reduce my ecological footprint. I will also share my individual sustainability efforts and commitments outlined in this assessment with others at Arizona State University to create a culture of sustainability in our community. *

A copy of your responses will be emailed to the address you provided

