



**Decarbonizing  
the World's  
Laboratories**



*Alexandria Real  
Estate Equities,  
Cambridge,  
Massachusetts  
Photo courtesy of NBBJ*



International Institute for  
Sustainable Laboratories

**Sponsorship Program**

# Join the Elite Group of Industry Leaders Supporting a Transformational Lab Sustainability Program

Whether conducting critical public health research or testing vehicle emissions, laboratories are critical contributors to public health and environmental improvements. With their unique air quality and safety requirements, however, energy-intensive laboratories have an outsized impact on carbon emissions compared to other buildings. Recognizing how vital decarbonization is to reducing climate change and other environmental impacts of the built community, the International Institute for Sustainable Laboratories (I2SL) created the comprehensive Labs2Zero program.

The mission of Labs2Zero is to address the complex nature of safely reducing laboratory energy use and emissions while accelerating the transition of the research community to net zero carbon buildings. As I2SL's most ambitious initiative to date, Labs2Zero has received significant industry investment and support. A variety of program elements have been developed since Labs2Zero launched in 2022, including an Energy Score, an Operational Emissions Score, Embodied Carbon Benchmarking, and an automated energy audit tool for lab buildings, along with enhancements and improvements to the I2SL Lab Benchmarking Tool. Over 30 organizations have provided funding and technical input to ensure a balanced and sustainable program suitable for the laboratory community.

## Labs2Zero Sponsorship Program

Sponsors who choose to support the program will receive a variety of benefits, which will increase

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Laboratories have higher energy consumption due to their need for tighter environmental controls and increased ventilation, as well as the inability to recirculate laboratory air to other zones due to safety concerns.

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as the program is further developed. Gold level sponsors and higher secure seats on the various councils organized to develop Labs2Zero programmatic aspects. And for sponsors that wish to commit to three or more years of funding support, I2SL will provide a 10 percent discount, as described below. Payments received near the end of the year will automatically apply to the following year as an annual payment.



## Labs2Zero Sponsorship Levels and Benefits

| Annual Sponsorship Level Costs                                                                  | Diamond                                 | Platinum                               | Gold                                | Silver                             |
|-------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|------------------------------------|
| Minimum annual sponsorship level cost                                                           | \$50,000                                | \$30,000                               | \$15,000                            | \$7,500                            |
| Upfront payment for three-year sponsorship<br>Note this represents a 10 percent annual discount | \$135,000                               | \$81,000                               | \$40,500                            | \$20,250                           |
| Benefits for Sponsoring                                                                         |                                         |                                        |                                     |                                    |
| One voting member on the Leadership Council                                                     | X                                       |                                        |                                     |                                    |
| Logo on all pages of the I2SL website                                                           | X                                       | X                                      |                                     |                                    |
| Inclusion in program media announcements                                                        | X                                       | X                                      |                                     |                                    |
| I2SL-hosted webinar on the topic of your choice                                                 | X                                       | X                                      |                                     |                                    |
| Voting member(s) on Technical Advisory Council(s)                                               | 3                                       | 2                                      | 1                                   |                                    |
| AIM Report subscription discounts and free subscriptions                                        | 35% off + two free 1-year subscriptions | 25% off + one free 1-year subscription | 15% off + two 1-month subscriptions | 10% off + one 1-month subscription |
| Logo on the I2SL and LBT websites and all AIM Reports                                           | X                                       | X                                      | X                                   | X                                  |
| Opportunity to add case studies to Labs2Zero tool                                               | X                                       | X                                      | X                                   | X                                  |
| Mentions in I2SL communications and social media                                                | X                                       | X                                      | X                                   | X                                  |
| Recognition at the I2SL Annual Conference                                                       | X                                       | X                                      | X                                   | X                                  |

### Program Element Sponsorship Benefits and Opportunities

With the help of sponsors, I2SL is developing a variety of specific program elements. Following are the tools that comprise Labs2Zero and how sponsors can get involved in their development and promotion.

- **Energy Score for Labs:** This 1-100 score, released in 2023, provides a quantitative, normalized percentile rating based on energy use intensity (EUI), compared to other similar lab facilities in the I2SL Laboratory Benchmarking Tool.
- **Emissions Scorecard for Labs:** Using the EUI from the Lab Benchmarking Tool, a location-based rating, launched in 2024, calculates and compares a lab's greenhouse gas emissions with similar facilities. A market-based operational emissions score

and a score for embodied carbon emissions are under development.

- **Actionable Insights and Measures (AIM) Report:** Based on user-entered lab characteristics and performance data, this recently released tool automatically generates an extensive screening report for existing lab buildings. This standardized, independent report suggests applicable energy reduction measures and provides estimates of savings and implementation costs. The report also includes sponsor logos and case studies. The software displays those case studies that are most relevant to the measures selected by the user. Sponsors also receive AIM Report subscription discounts, and varying levels of free AIM Report access, depending on their funding level.

- **Design2Zero Tool:** For new lab construction and major renovations, this suite of tools will allow building designers to select a desired energy and emissions score and receive the estimated EUI and greenhouse gas emission targets based on planned design characteristics. The tool will provide suggestions on the best approaches to reduce energy and emissions to help achieve that desired score or rating, factoring in both estimated performance and costs. Sponsors will provide technical inputs to the tool and have their case studies featured.
- **Decarbonization Certification:** To publicly recognize and celebrate those facilities leading the way in energy and emissions reduction, I2SL will develop a certification scheme to verify the labs' performance on the scorecards and validate that baseline lab safety requirements are met. Sponsors will be associated with this certification program.
- **Labs2Zero Training and Accreditation Program:** I2SL offers a workshop on how to benchmark lab buildings and use the AIM report software. Future training will cover the Design2Zero tool, and professionals may earn accreditation to verify lab building results as part of the lab decarbonization certification program. Sponsors will inform the curriculum and be associated with course promotion.
- **Laboratory Benchmarking Tool (LBT):** This existing tool developed by the Lawrence Berkeley National Laboratory and I2SL is free to use, and with data from more than 1,400 lab buildings, it is the world's largest lab building energy and emissions benchmarking database. Since the LBT is the foundation for many of the other Labs2Zero components, sponsors receive broad exposure to everyone who uses the tool.

### Labs2Zero 2025 Highlights

**Spring 2025:** Pilot tested and refined the new AIM Report software.

**Summer:** Completed score pilot and developed updated Energy and Operational Emissions Scores

**August 2025:** Released the AIM Report tool as a paid subscription and a free demo version.

### Planned 2025 and 2026 Labs2Zero Efforts:

- Release a global version of the AIM software.
- Add more measures to AIM and increase the accuracy of its energy savings calculations.
- Release updated Energy and Operational Emissions Scores via the LBT.
- Continue to develop market-based operational emissions and embodied carbon scores for labs.
- Promote free Labs2Zero tools and the subscription-based AIM Report software to lab owners and consultants.

For organizations wishing to sponsor particular aspects of the Labs2Zero program, I2SL would be happy to customize financial and recognition aspects of the contribution. For more information, please contact Gordon Sharp at [president@i2sl.org](mailto:president@i2sl.org).