

A Proven Roadmap for Sustainable, Safe Laboratories

The #1 proven energy and carbon reduction strategy



Best Practice Planning

WHAT: Focus on priorities, time horizon and results. Leverage savings to fund the program.

How: Involve key stakeholders: facilities, health and safety, finance and ESG.

Financial Strategy

WHAT: Free up trapped capital, investigate funding options.

How: Preserve capital for core mission priorities. Consider deferred maintenance needs. Cashflow and OpEx vs CapEx.

First Successful Project

WHAT: Select the best demonstration project. Best practice dictates to start with a win.

How: Selection of a project that will provide demonstratable wins.

Communicate Results

WHAT: Publicize results to the team.

How: Use analytics to show success.

Roll Out Additional Projects

WHAT: Go from project to program. Big results are achieved over time using a systematic process.

How: Typical portfolio programs yield millions in operational efficiency while achieving carbon reduction goals.

Benefits



Enhanced Safety

Ventilation rates increase during an IAQ event over what a fixed rate would provide. Occupants are more protected and the IAQ event clears faster.



Actionable Data

Intelligent data allows for confident communication and is a key element for a safer lab and healthier working environments.



Deep Energy Savings

Energy use in labs can be reduced by 40–60% and in variable population areas by 15–30%.



Sustainable Ventilation

Aircuity provides healthy ventilation without a large expense and actually reduces baseline operating costs.



Reduced Deferred Maintenance

Projects within the university's deferred maintenance backlog can be addressed.

Sampling of our 50+ leading research and pharmaceutical clients.





















