

Actionable Insights and Measures (AIM) Report Case Studies List



Following is a list of all the case studies found in the Labs2Zero AIM Report; to view descriptions, you must be an I2SL member; visit the [Member Portal benefits page](#) for descriptions.

Achieving My Green Lab Certification at a UK-Based Pharmaceutical Company
Achieving My Green Lab Certification at a Sweden-Based Pharmaceutical Company
Achieving Net Zero Energy at New University of Massachusetts Medical School Building
Air Filter Test Demonstrates Performance During Pressure Drop at Chemical Lab
Airflow Optimization, CAV to VAV Conversion at Boston-Area Lab
Air Optimization in a Cambridge, Massachusetts, Biolab
Alaska Scientific Crime Lab Improves IEQ While Reducing EUI
Arizona's Maricopa Community College Achieves Savings in Green School Lab
Balancing Occupant Comfort With Research Innovation at Promega in Wisconsin
Boston Children's Hospital Hibernates Hoods and Saves Operating Costs
CARB Vehicle Emissions Testing Facility Decarbonizes and Saves Energy
Controls, Sash Closers Reduce Carbon Footprint of California Community College Chem Lab
Chilled Beams, Heat Recovery Help Remote Newfoundland Science Facility Save Energy
Colorado School of Mines Shut the Sash Program
Demand Control System, Setbacks Save Energy at Boston Medical Center
Demand-Based Control at Michigan State University
Demand Control Optimizes Energy Savings at University of Connecticut
Demand Control Ventilation, Shut the Sash at Georgetown University
Displacement Ventilation Key to Lab Renovation at the University of Illinois
Energy Recovery Heat Pipes Employed at a University Lab in Washington, DC
Energy Savings With Demand-Based Control at Arizona State University
Exhaust Fan Controls and Auto Sash Closers in a West Coast Biolab
Fit-Out Designed to Reduce EUI at Vertex Pharmaceuticals in Boston
Freezer Optimization at the Centers for Disease Control and Prevention
Fume Hood Retrofits at Stanford University
Genentech Labs Save Energy, Operating Costs in Exhaust Systems by Converting to VAV
IEQ Monitoring Control of Exhaust at a Cambridge, Massachusetts, Pharmaceutical Lab
IEQ Monitoring Control of Exhaust at Toronto's Princess Margaret Cancer Research Tower
Imperial College London Engineering Hub Designed for Energy Efficiency
Innovations Help Oregon Health and Science University Lab Lower Energy Use
Innovative Ventilation System for Cornell Large Animal Anatomy Laboratory
Integrating Energy Efficiency Early in the Design of University of Findlay Lab in Ohio

Ithaca College Engages Researchers in Making Energy Improvements
J&J Controls Energy Consumption With VAV Conversions and Setbacks in California
John Abbott College in Montreal Incorporates Energy Efficiency Measures
LBNL Efficiently Energizes Integrative Genomics Building
Lessons Learned Implementing Occupancy Sensors at Emory University
Manifolding Laboratory Exhaust Systems, Energy Recovery at Northeastern University in Boston
McGill University Improves Safety and Energy Efficiency in Montreal
Measures Reduce EUI at Lafayette College Sciences Center in Pennsylvania
Michigan's Oakland University Demonstrates Efficiency Through Technology
Modular Heat-Recovery Chiller Drives Savings in Kentucky Technical College
Molecular Biology Lab in Cambridge, UK, Optimizes Energy Efficiency
Multiple Sustainability Measures and Retrocommissioning at the University of Kentucky
Net Zero at Bristol Community College Health and Science Building
New Chemical Company Headquarters Designs in Flexibility and Fume Hood Closers
New University of Michigan Biomedical Research Facility Achieves Reliable, Efficient Systems
NREL In-House Fume Hood Testing Ensures Safety and Savings
Optimizing Reuse of an Iconic University of Michigan Building
Planning for Enhanced Energy Recovery at NREL
Pomona College Laboratory and Offices Designed for Sustainability in California
Retrofitting Fume Hoods Proves a Viable Energy-Saving Alternative to Hood Replacement
Right-Sizing Laboratory Ventilation at Smith College
Safely Reducing Vivarium Ventilation Rates at the University of Houston
Simon Fraser University Fume Hood VAV Upgrade in British Columbia
Southern California Research Institute Significantly Reduces EUI and Strives for Net Zero
Stanford Takes Sustainable Design to a New Level, Wins SEFA Award While Saving Energy
Teaching Lab Serves as a Model for Energy Efficiency at Johns Hopkins University
Toronto Office Tower Converts Floors to Labs With Modeling and Modular Approach
Turnkey Airflow Optimization Project at a New York City University
Turnkey Airflow Optimization Program at a Pharmaceutical Company U.S. Headquarters
University of Chicago Lab Building Retro-Commissioning
University of Chicago Retro-Commissioning Reduces EUI Through a Variety of Measures
University of Chicago Smart Labs, Shut the Sash Program
University of Illinois Demonstrates Energy Efficiency From a Multi-Phase Lab Upgrade
University of Illinois Nanotechnology Lab Renovates With Cleanrooms
University of Montreal Botanical Research Lab Achieves Energy and Emissions Reductions
University of New Hampshire Improves ULT Freezers
Upgraded Lab Exhaust Saves Operating Costs at University of Pennsylvania
Vivarium Retrocommissioning at University of California San Francisco
Water-Glycol Heat Recovery in a 17-Story Lab Building
Wisconsin Lab Is Designed for Odor Avoidance and Substantial Energy Savings