



Energy saving in labs

Laboratories use a lot of energy.... By reducing energy wastage, you can help to decrease the University's carbon emissions, which will reduce the impact that the University's operations have on the environment. Reducing energy consumption also cuts unnecessary University spending on fuel bills, which can then be used for other investments.

Even basic things make a difference...

- Turn off any electrical items whenever not required, such as radios and lights, as well as computer equipment and analytical equipment.
- Remember to switch off electrical items when you leave the laboratory, even if you only intend to be gone for 15 minutes.
- Make sure all items that can be switched off are turned off at the end of the day.
- If you see an empty laboratory, with the lights and radio on, please turn them off.
- Whenever not in use, switch off ancillary services to reduce energy use and maintenance requirement, e.g.:
 - Air compressors
 - Vacuum pumps
 - Demin water pumps
 - Local extract fans
 - Task lighting
 - PC terminals & monitors.
- Optimise the use of sterilisers/dishwashers by only using when on full loads.
- Assign responsibility for switching off (staff, or students in teaching laboratories).
- Include any linked office accommodation in your switch off efforts.

Go the extra mile...

If you would like to fully assess the energy efficiency of your lab, then try the *lab walk round checklist*. This document takes you through all aspects of lab activity, aiming to reduce the impact your lab work has on the environment. Work through the checklist to address your current practices and follow recommendations of what you could be doing to improve.

If you have any questions, please contact sustainability@nottingham.ac.uk