



Sustainability in Research labs: Under looked but overtly necessary

Wednesday 25 June, 12:00 - 13:00

Often consuming three to five times more energy per sq meter when compared to other buildings at universities, research laboratories are often overlooked in sustainability efforts due to the varied and specific natures of research.

Here we look at our efforts at the University of Edinburgh and how other institutions can begin to deal with this looming issue.

EAUC Competency Level: On the Road

Why should I attend?

This webinar is designed to benefit anyone working in a research environment, from a technician/junior researcher level to a chancellor or architects status.

There will be good practice case studies of methods used by technical staff to improve efficiency in their laboratories, the Edinburgh model explained of having a university wide awards program, and building level changes touched on which may interest laboratory designers and building managers.

The Webinar will first highlight the issues in laboratories, share case studies and good practice examples already in practice, and discuss future goals and aims for continuation of the initiatives discussed.

Who is this webinar for?

Viewers and participants should be competent with laboratory research, particularly in biology and chemistry laboratories. There will be limited discussion of physics labs (as their machinery is often incredibly specified or they use chalk boards). Participants don't require any further knowledge about lab sustainability.

Agenda:

- Highlight of issues in energy/materials consumption in research today
- A look at the Edinburgh lab sustainability awards, and how it utilizes the s-labs assessment framework uniquely
- A look at further case studies/examples from across the US and UK
- Discussion of the future of research in relation to efficiency/sustainability, and the framing of the issues
- Open discussion of topics covered, including suggestions for improvements or good practice sharing

Our expert speaker:

Martin Farley

Programmes facilitator:
Laboratories, University of
Edinburgh.

Having completed his MSc in biology and worked/studied in research labs in the US and the Netherlands, Martin leads on improving the efficiency and sustainability of laboratories at the University of Edinburgh through a variety of targeted projects. He also runs their laboratory sustainability awards program.



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