



Laboratories are one of the most energy-consuming places in any institution, be it in the academe or the industry. To promote sustainability, energy-saving strategies are implemented in workplaces all over the globe. In fact, converting to a large-scale, green laboratory will result in reduced annual operating costs and higher savings.

## 5 TIPS FOR A GREENER LAB



### TURN OFF AND UNPLUG

all laboratory equipment and apparatus that are not in use.



### PRACTICE 3R'S

Reduce consumption and waste. Reuse and Recycle papers, plastics, and bottles if applicable.



### SHUT THE SASH

when the fume hood is not in use to diminish energy costs and to provide added protection.



### FOLLOW THE PRINCIPLES OF GREEN CHEMISTRY

that include: the minimization of toxic materials and the design of chemicals through energy-efficient and environmentally-safe methods.



### CHOOSE GREEN

products when purchasing laboratory equipment. Check the product's specifications to make sure the materials used are environment-friendly.

Compared with conventional hoods, **Esco Frontier Acela®** operates safely at 0.3 m/s (60 fpm) at 457 mm (18.0") while maintaining excellent ASHRAE and EN containment. Exhaust volume reductions of up to 58% may be achieved without compromising safety. This translates into an annual operating cost savings of up to US\$5600. Unlike VAV systems, the Esco Frontier Acela® is easy and inexpensive to install, commission and maintain.

