

## GREEN GLOBES

# HERZBERG ADDITION

### BUDGET:

\$5,500,000

### ARCHITECT:

HOK Architects

### MECHANICAL/ELECTRICAL CONSULTANT:

Smith and Anderson Engineering

### GENERAL CONTRACTOR:

R.E. Hein Construction

### CONSTRUCTION PHASE:

June 2013 - May 2014

### OCCUPANCY DATE:

July 2014



## HERZBERG LABORATORY ADDITION

### CARLETON UNIVERSITY, OTTAWA

### GREEN GLOBE RATING

Herzberg Laboratories Addition, sized at 15,000 sq ft, houses the School of Computer Science, the School of Mathematics and Statistics, the Department of Physics, Department of Earth Sciences, the Environmental Science program, Integrated Science program, and the Faculty of Science Dean's Office. A roof-top observatory features a star-gazing 14" reflecting Celestron telescope. The first floor of the addition houses the Science Student Success Centre and the Math Tutorial Centre, with rooms for groups to meet. The second floor includes the Interdisciplinary Institute and Environmental Science, while the third floor houses the Health: Science, Technology and Policy programs.

### KEY SUSTAINABILITY FEATURES

Carleton University's standard for new buildings and renovations is to achieve at least three out of five globes using the Green Globes sustainable building rating and

evaluation system. Green Globes evaluates factors including project management, site use, energy consumption, space utilization, light and water optimization, building envelope integrity, materials, waste management etc.

For more information, please visit: [www.greenglobes.com](http://www.greenglobes.com).

- The amount of daylighting is optimized through building orientation and window-to-wall size ratios (i.e. Main glazing on north and south walls with sun shading on south).
- Major energy uses are being sub-metered (i.e. mechanical equipment, receptacle loads, lighting loads).
- Energy efficient lighting fixtures, lamps and ballasts.
- Low-flow water saving fixtures.
- Energy use that will be at least 30% more efficient than the National Energy Code.
- Building materials with recycled content were used in the building construction (i.e. recycled structural steel – approx. 90%)
- There is CO2 indoor air quality monitoring.
- Chemically inert materials used (i.e. carpets and paint).

For more information, please contact:

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