

Process

COMPONENT GOALS

01

UBC policies and processes will support the achievement of the GBAP component goals and targets.

02

GBAP component goals and targets will be communicated and easily accessible to internal and external stakeholders.

03

UBC will integrate lessons learned from each project to improve building designs.

04

UBC buildings will be evaluated as opportunities for research, innovation and continuous improvement.

05

UBC will commit to monitoring and benchmarking building performance to encourage continuous improvement on campus and in relation to industry standards.

CONTEXT

Effective and efficient process is a foundational aspect of planning at UBC.

Key Directions

To ensure success of the GBAP, UBC commits to monitoring and benchmarking building performance to encourage continuous improvement in relation to industry standards.

- The GBAP will be achieved by ensuring effective and efficient processes are upheld. Green building requirements will be clearly accessible for stakeholders through a web page linking to relevant requirements.
- During project development, UBC has recognized (through review of the Major Capital Project Development Process) that increased emphasis on reducing the total cost of ownership for UBC's buildings, as well as on many other green building objectives, is an important approach that will benefit UBC in the long run.
- Following the success of Campus as a Living Lab and SEEDS, the idea of considering each building project as an opportunity for teaching, learning and research will help connect the necessity of physical facilities to the enhancement of UBC's academic mission.



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/ UBC COMMUNICATIONS & MARKETING

FIVE-YEAR IMPLEMENTATION PLAN — SHORT-TERM PRIORITY ACTIONS

- Explore the implementation of a benchmarking platform for energy, emissions, water and waste reporting.
- Create a GBAP requirements web page that links to all relevant policies and tools for easy accessibility by stakeholders.
- Develop a more refined life cycle costing tool and/or approach to better understand the total cost of ownership for the university during the design process by exploring design options.
- Ensure the Major Capital Project Development Process achieves the process and sustainability objectives of the GBAP by improved integration of the current Sustainability Process.
- Relate level 3 research opportunities to GBAP component goals to increase alignment of research and operations by creating a list of potential opportunities.
- Develop a decision-making tool template for tier 1 and tier 3 projects to determine project priorities.
- Develop short-term and long-term strategic research opportunity plans to help connect the necessity of physical facilities to the enhancement of UBC's academic mission.
- Ensure that project design briefs (which describe UBC's project goals to consultants) are developed by an appropriate stakeholder group so that lessons learned by Building Operations are incorporated into building design.
- Align the UBC Technical Guidelines with GBAP requirements through an annual review and update process that fully engages stakeholders.
- Update UBC Advisory Urban Design Panel requirements to include sustainability objectives and targets.
- Develop a program to conduct post-occupancy surveys and introduce standard post-occupancy evaluation (in coordination with the Major Project Improvement Process) to better understand occupants' concerns.

TARGETS AND INDICATORS

Target: 100% of projects will conduct life cycle costing by 2025.