



THE UNIVERSITY OF BRITISH COLUMBIA
Okanagan Campus



City of Kelowna and UBCO Research Partnership Annual Update

Background

- Strategic partnership between the City and UBC Okanagan
- Formal Framework (2021)
 - Partnership formalized through the *Framework for Enhanced Collaboration*
 - \$100,000 annual contribution to the Collaborative Research Fund from each organization
 - Five projects funded since inception
- Expanded and formalized the collaboration with a two-year pilot program

Assessing the Potential Demand for Alternative Transit along the Rail-Trail Corridor connecting Major Urban Destinations.



Developing Rapid Battery Charging in Kelowna for Transit and Fleet: A Techno-Economic and Environmental Assessment.



Feasibility Study of Solar Energy in the City of Kelowna

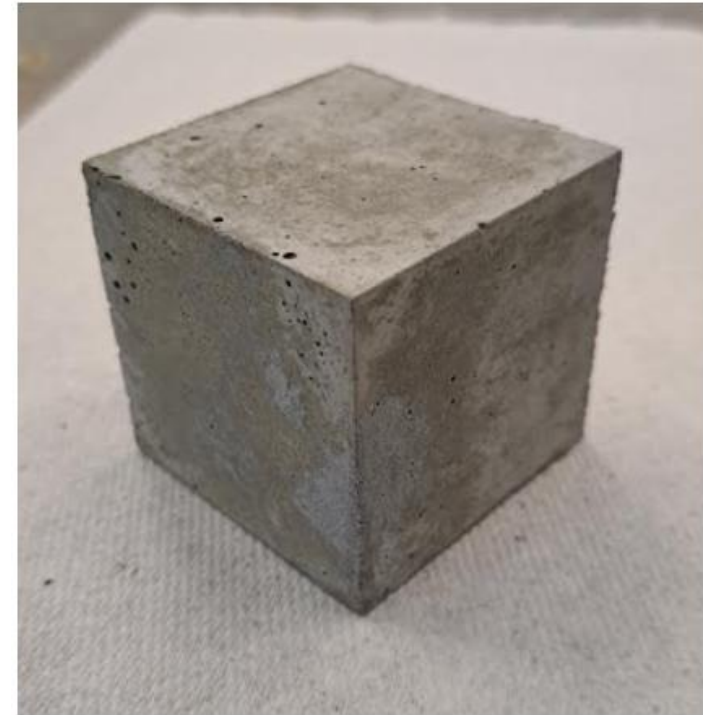


153 kWp PV living lab
@ Veda, Kelowna

Biochar Blended Clay Bricks: an Innovative Solution for Landfill Waste



Milled wood chips



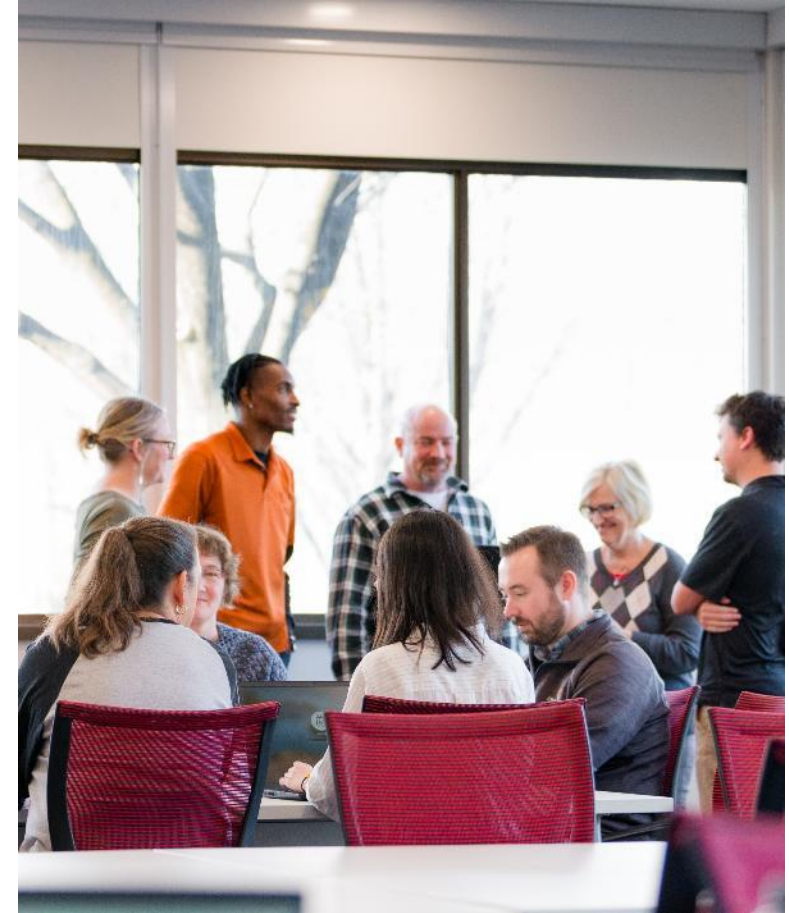
Cube sample

Enhancing Health and Environment Performance in Aquatic Centres: A Life Cycle Approach



City of Kelowna UBCO Research Alliance

- Aims to enhance and coordinate applied research efforts aligned with Council and Corporate priorities
- **Objectives:**
 - Promote innovative, locally relevant research projects
 - Streamline partnership management
 - Address shared research challenges and opportunities



Delivering Impact Through Collaboration

- Key Performance Indicators:
 - 80% of funded projects to include financial contributions from both partners
 - Maintain a 2:1 leverage ratio for City contributions to the Collaborative Research Fund
- Research Translation & Accountability:
 - All funded projects must include a research translation/mobilization plan
 - Outcomes must be accessible, actionable and aligned with community needs
 - Stakeholder feedback mechanisms to support continuous improvement

Looking Ahead

- New projects under review for funding through the Collaborative Research Fund
- Intent to extend the Alliance beyond 2026
- Ongoing commitment to applied, innovative research that benefits the community and beyond





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Questions?

For more information, visit kelowna.ca or research.ok.ubc.ca.