



Eclisiastes: 1-9



University Sustainability Initiative
Symposium:
Our Campus as a Living Lab

Sept 27th 2010

Hadi Dowlatabadi IRES, LIGI, RFF & CMU Green-Erg Technologies & Offsetters







UBC Site Commission 1910

KOYAL BC IVIUSEUM

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Title: Yancouver; Ubc Site Commission.





1914 Campus Plan









UBC Site Commission 2010

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Title: Vancouver; Ubc Site Commission.







Overview

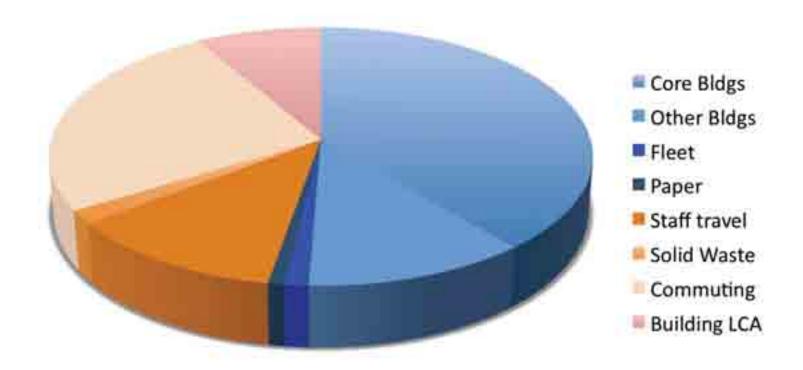
- UBC has established ambitious goals for managing resource flows to and from the campus.
 - Climate change mitigation has provided one dimension for these activities
 - Water and its treatment another







UBC's 2008 GHG Emissions ~ 118 ktCO_{2e}





Campus as a lab 1931



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Title: Ubc Students Transplanting Green Timbers







1931 Students transplanting



Courtesy of BC Archives collections - Call Number: NA-04803

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Title: Ubc Students Transplanting Green Timbers







1953 Agriculture Bldgs

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Title: Vancouver. Ubc Agricultural Building





The grounds from the library



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Title: The ground of UBC seen from the library; Yancouver.







1957 Aerial View

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Title: Yancouver. Ubc Aerial







1958 Aerial View

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Title: Aerial of Vancouver Showing Ubc







1959 Aerial View

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Title: Aerial of Vancouver and Ubc







1960 View of the campus

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Title: Ubc







The Main Mall 1953

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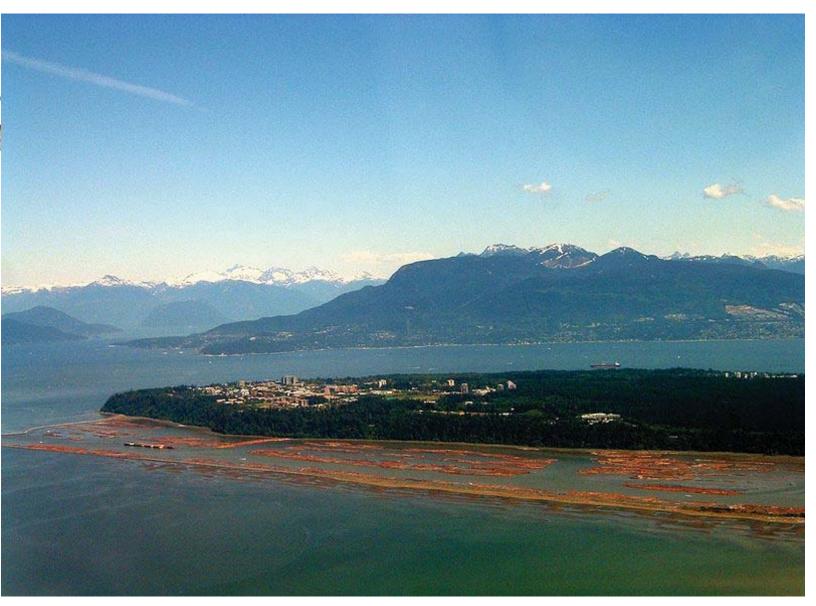


Title: Chemistry Building, Ubc







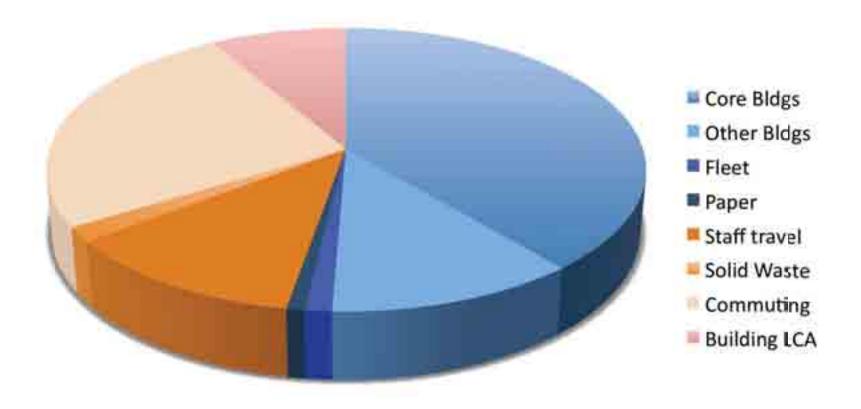








Fewer buildings, Closer to where we live, More virtual travel & Green Public Transit









Let us consider a bigger lab!









Bigger Picture, Better Options

- We can use energy in the waste stream from dormitories to meet their DHW and space conditioning needs.
- We can use biomass at MKRF for zero GHG electricity production and get equivalent electrons on campus.
- We have 500 animals at the Agassiz farm enough to produce 2% of campus methane demand and swap gas through Terasen.



And what will they think of our plan in 2110?

