

Challenges of Sustainable Design



Mazankowski Alberta Heart Institute, Edmonton, AB



Fred Kaiser Building, UBC
Omicron and Architects Alliance

Energy Technologies for Sustainable Buildings Workshop

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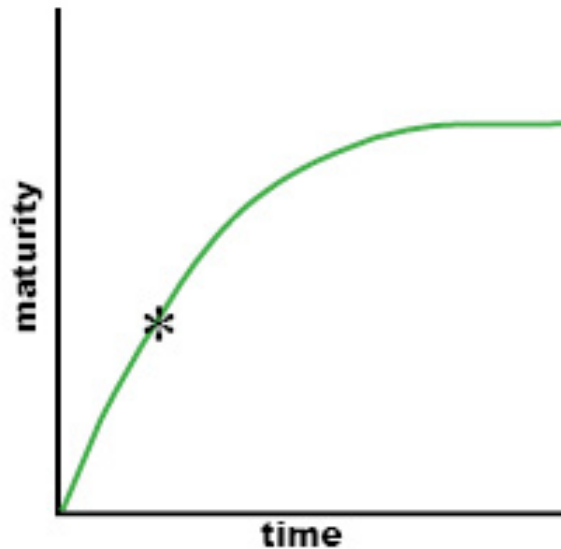
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Sustainability: Now & In the Future



BC Cancer Research Centre, Vancouver, BC

IBI Group Henriquez Partners Architects



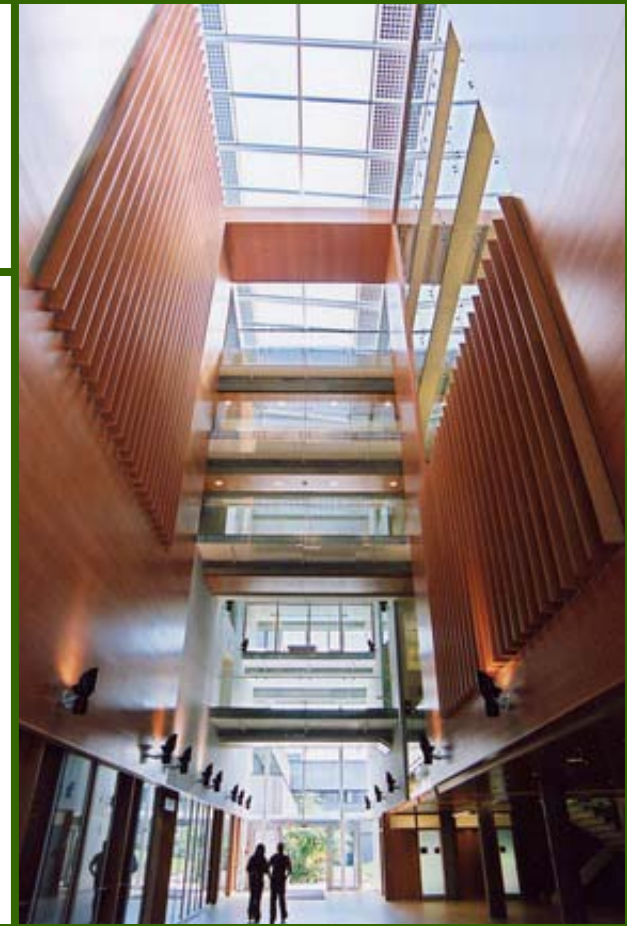
- Strong
- Growth phase
- Trendy
- Not in all markets yet
- Future growth depends on past achievements



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Sustainability: Importance for Clients

- Constitutional Buildings Owners:
 - New Buildings: High
 - Renovations: Medium/High



- Developers:
 - New Buildings: Medium/Low
 - Renovations: Low

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Sustainability: Getting Design Information



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- Industry Representatives
- Owner/Operators/Users
- Previous Projects
- Government & Local Agencies
- Code & Standards
- Internet



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Sustainability: Information Flow Model



Sustainability:

What will help Designers Sell Sustainable Technologies?

- Promote Green concepts to users
- Keep it simple
- Keep maintenance low
- Reliability



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