This presentation premiered at WaterSmart Innovations

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Building Towards Water Efficiency

Policy Innovation and Education in New and Existing Homes

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Partnerships

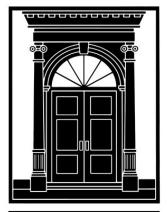






Collaborative Partners:

UN Water for Life * CWWA - WEN * Enervision * Alberta Home Builders Association * Alberta Real Estate Association * REMAX(Central Alberta) * BC Home Builders Association * Pembina Institute * Built Green BC * Built Green Alberta * POLIS Project on Ecological Governance



THE REAL ESTATE FOUNDATION of british columbia

Research Objectives

To understand how institutional, organizational and personal knowledge influences residential builders' and realtors' decisions on water efficiency innovations.

- Water-efficiency stakeholders;
- Understanding stakeholders efforts and priorities
- Testing a methodology
- Generating policy direction

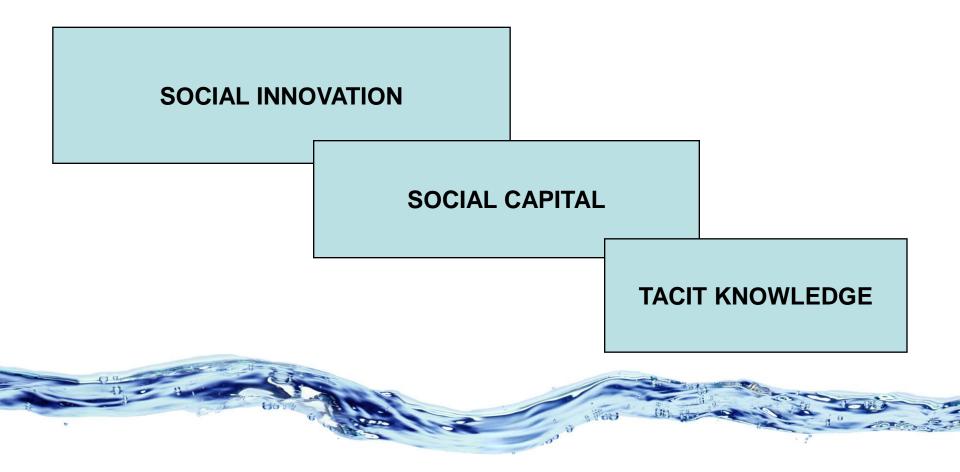


To discuss today

- How tacit knowledge is the driver of social innovation and social capital and;
- How tacit knowledge can be used to drive the residential building industry toward water efficiency.



Social Innovation and Social Capital



Tacit Knowledge

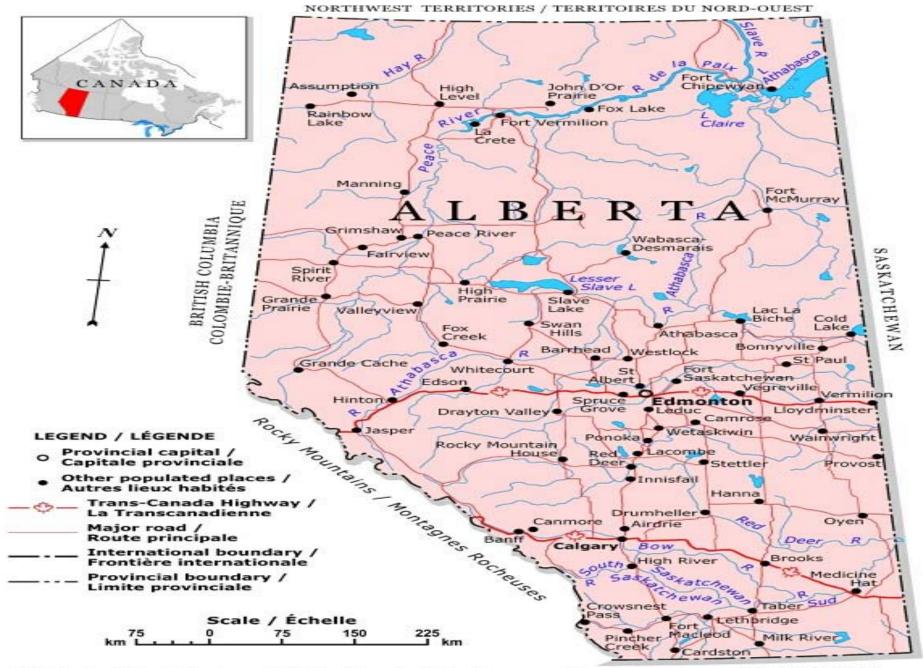
- Stories
- Personal Experience
- Reasons for Caring
- Water-Efficiency Innovations
- Networks and Trade Relationships

Rationale

- Community Growth
- Capital Cost
- Government vs. Private
 Sector
- Three Case Studies







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Methodology

Capacity

"You always need more education whether it is the builder, developer, trades or consumer. You also need the other pieces, regulations, pricing etc. to make that push to inspire change." (Begg 2008)



Methodology

Capability

"If you ever want to succeed at something, you surround yourself with people [who] succeed. And that's forward thinkers" (Participant R 2008)



Expression of Beliefs

"There is the idea we want to do things from an environmental view, but fiscal drives most people. We have to work with that. If I can get someone to make a change finically and as a by-product do something for the environment than we have actually done something really good." (Farrell 2008)

Expression of Values

"I'm going to change the world one house at a time and it's just kind of like – if nobody starts, it's not going to happen" (Knife 2008)



Expression of Norms

"We don't take advice easily. We are a hard bunch. There is almost an aspect of building science that is very similar to religious belief. That is accepted on an emotional level almost. This is the way to do it; it is almost a moral issue." (Amerongen 2008)

General Conclusions

- Green Building Industry
- Early Adoption
- Rising Trend
- . Risk Adverse



General Recommendations

- Collaboration and networking opportunities
- Create a Community Vision
- Consumer Education
- Price Water appropriately



Policy Recommendations

Using new legislation





Policy Recommendations





Policy Recommendations

Healthy relationships between municipalities and builders must be cultivated beyond the "business as-usual" approach. These relationships must be transparent for the purposes of good governance.



Industry Recommendations

Relationships with industry professional associations need to be proactive rather than reactive, on issues of environmental innovations.



Industry Recommendations

- The "risk-recognition interaction" is a powerful force in support market innovation.
- Belief in new technology as a solution to environmental problems



THANK YOU

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