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Energy Efficiency: Finding Leadership Opportunities

A Report Sponsored by the University
of Calgary's School of Public Policy

Bill Rosehart, Hamid Zareipour

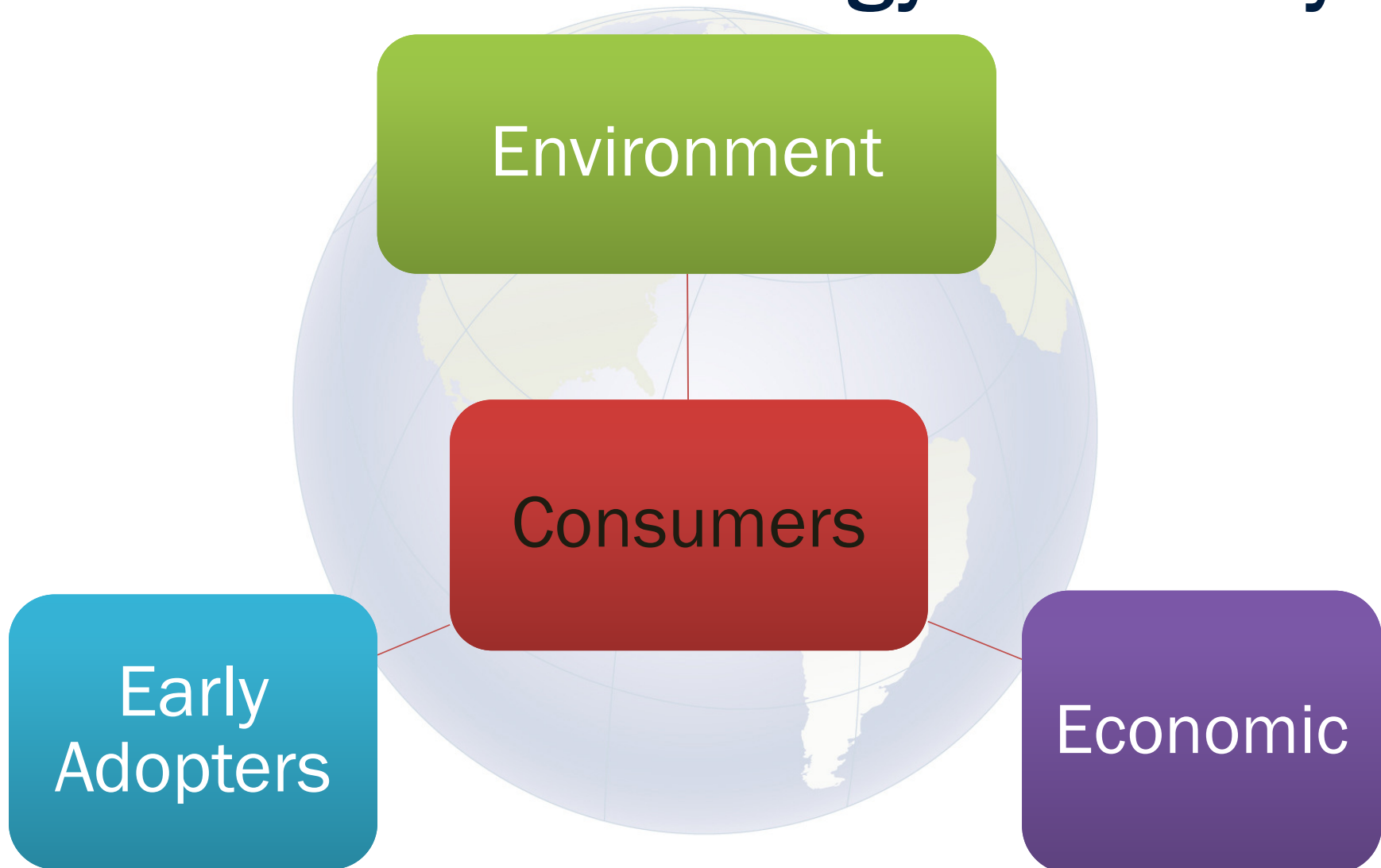


The Report

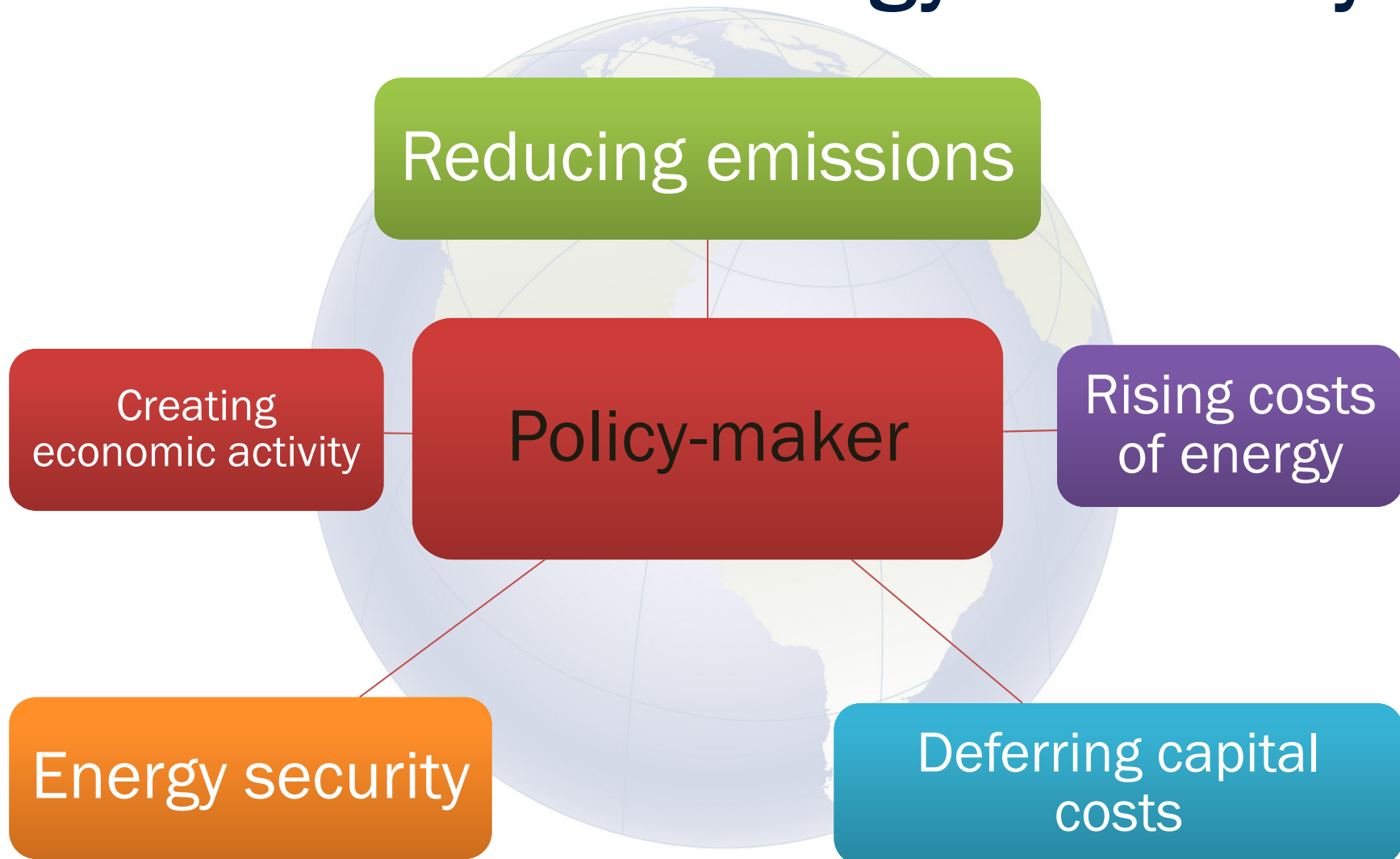
Reviews energy efficiency in many regions who have socio-economical similarities with Alberta

Intends to identify common characteristics of energy efficiency initiatives

Motivations for Energy Efficiency



Motivations for Energy Efficiency



Barriers to Energy Efficiency Programs





Common Components of Energy Efficiency Initiatives





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Energy Efficiency Programs



Government-
led Programs

Utility-led
Programs



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Energy Efficiency Programs

A large, semi-transparent globe showing the continents of North and South America, serving as a background for the central text boxes.

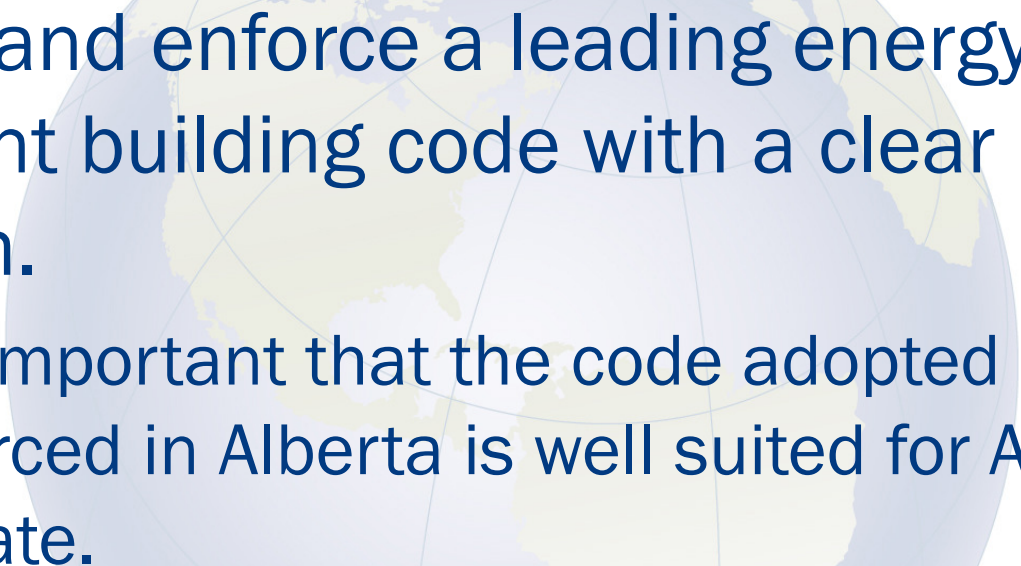
Targeted
programs

Infrastructure
Improvements

Recommendation 1

- Recognize leadership within Alberta in Energy Efficiency.
 - Develop a Premier’s Award in Energy Efficiency for residential, community, utility, commercial, and industrial leadership in energy efficiency.

Recommendation 2

- Adopt and enforce a leading energy efficient building code with a clear rating system.
 - It is important that the code adopted and enforced in Alberta is well suited for Alberta's climate.
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Recommendation 3

- Develop a suite of heating and cooling energy efficiency programs for the commercial and industrial sectors.



Recommendation 4


- Develop a suite of energy efficiency initiatives to promote combined heat and power generation.



Recommendation 5

- Develop a Policy platform with Alberta's cities, including a standing provincial/municipality committee, on Energy Efficiency standards and Policies.
- This group could lead to a recommendation to include Building Efficiency on MLS listings.

Recommendation 6

- Review opportunities to support the development of a compressed natural gas (CNG) and Liquid Natural Gas (LNG) Transportation Network.
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