



BC Housing

Climate Adaptation Planning Process at BC Housing

CNG Symposium,
2015



Context: About BC Housing

- Provincial Crown agency
- Created to fulfill government's commitment to providing subsidized housing to those most in need
- Increasing subsidized housing options through:
 - Developing new housing
 - Maintaining existing portfolio
 - Rent assistance in the private market
- Homeowner Protection Office



Organizational Structure



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CEO

Operations

Development &
Asset Strategies

Homeowner
Protection
Office

Corporate
Services

HR

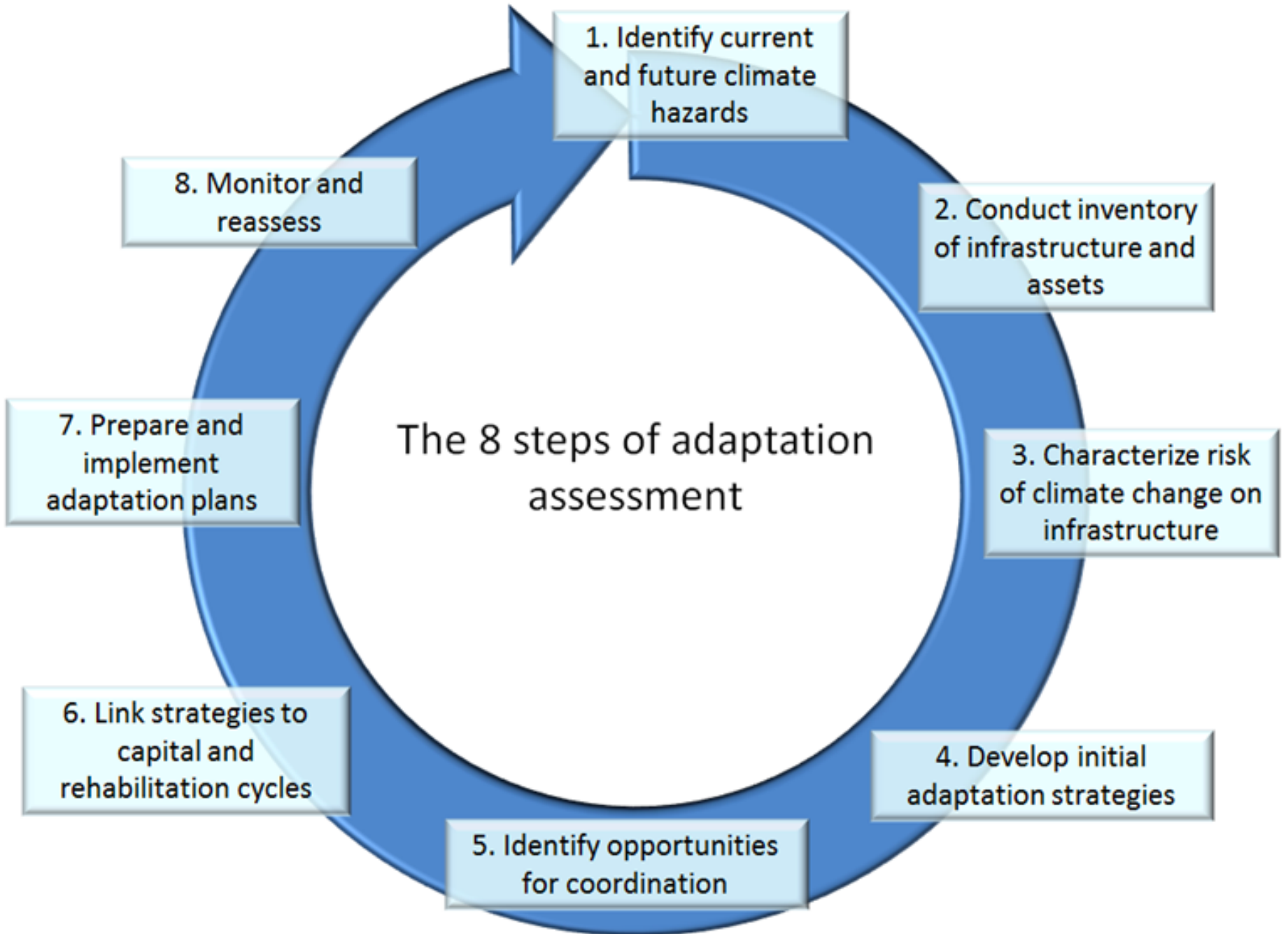
Corporate
Communications

First steps



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1. Internal education:

- literature scan
- presentation to the Sustainability Steering Committee
- high-level brief
- guest speakers
- subject matter experts connections

2. Set-up of internal, cross-branch working committee

Working Committee



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3. Identification of risk and opportunities

- interview with business areas
- connection with the existing Enterprise Risk Mgmt
- on-going educational opportunities

Next Steps



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4. Risk assessment and prioritization
5. Inclusion in ERM including presentation to the executive and board
6. Incorporation into corporate planning process
7. Research and pilot projects



Climate change risk inventory categories



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1. People

2. Buildings and property

3. Resources, systems, programs



Theresa recycling her food scraps at Rosewood Towers in Richmond



1	Risks	Opportunities
<p>People</p> <p>(social housing tenants, shelter & outreach clients, employees)</p>	<p>Health and Safety</p> <p>(e.g. heat waves: overheating, deterioration in air quality; flooding of mechanical rooms & need to evacuate & relocate; emergency preparedness)</p>	<p>Community Development</p> <p>Enhanced services</p> <p>(neighbourhood checks, food security programs, creation of community 'green teams or ambassadors)</p>

2	Risks	Opportunities
Buildings		
New	<p>Design (unprecedented weather impacts)</p> <p>Location (flooding, forest fires, mud slides)</p>	<p>Design (new efficient features, building resiliency, passive design, higher quality building materials)</p>
Existing	<p>Damage (flooding, fires, extreme rain & wind)</p> <p>Increased risk for systemic failure (flooding of mechanical rooms, roof damage, overheating)</p>	<p>Retrofits improving quality & resilience</p>

3	Risks	Opportunities
Resources Systems, Processes, Programs	<p>Increased costs (insurance; building maintenance and repair; cost of emergencies;)</p> <p>Staff attending emergencies instead of regular services</p> <p>Shift of resources</p>	<p>Lower cost of adaptation than cost of the consequences</p>



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