



# Aspects of Adaptation Planning



Starting Points for Addressing Vulnerability to Climate Change

- Assessing climate change impacts, looking at vulnerabilities and identifying efforts to adapt is the focus of planning efforts for cities, municipalities, provinces, countries
- Increasing number of these jurisdictions focus on developing targeted and comprehensive adaptation strategies and plans to reduce vulnerability to climate change, integrate adaptation needs and promote resilience



## **Adaptation Plans in Context**

#### Adaptation planning interacts with other policies

 Critical to work with the integrated nature of adaptation plans

 Policy coherence to identify synergies and trade-offs between policies

Issues of mal-adaptation

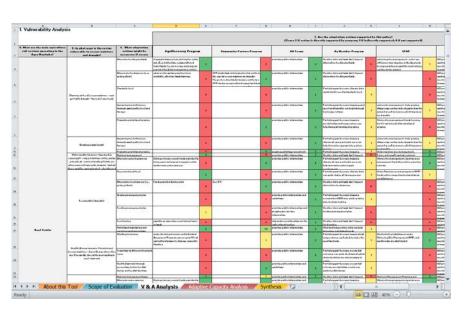


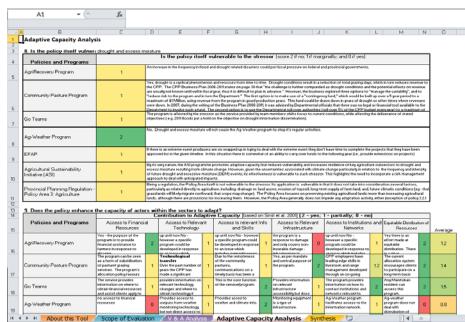


## **Policy Assessment**

Working with ADAPTool - key components







Are anticipated adaptation actions supported by policies?

Do stakeholders' have capacities to adapt if needed?

Are unanticipated adaptation supported by measures in the policies?

## Policy assessments in Canada



#### Using ADAPTool to assess policies in different provinces

- Total 51 policies were assessed
- Sectors: agriculture, water, parks and infrastructure, mining, forestry
- Policies assessed: longterm strategies, regulation, incentives, risk management and allocation programs





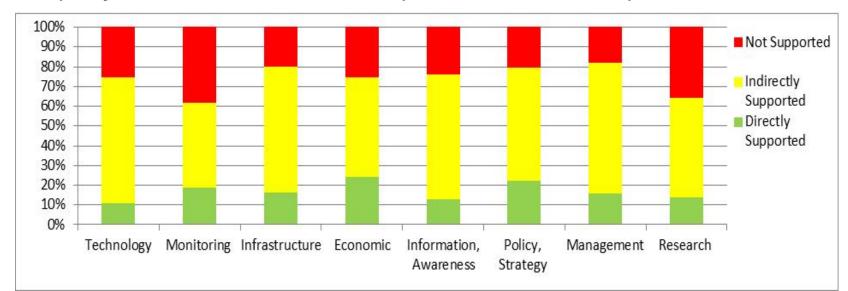
## **Policies & Adaptation Needs**

Adaptation actions are supported directly and often indirectly by policies

In total 566 adaptation needs were identified across 6 sectors

#### Examples:

- In the policy, seed zone boundaries are set but could be adjusted with an approval process.
- The "policy" does not inhibit the action, but the lack of data and information likely would; policy-makers are not actively working on this currently.
- The policy allows this action, but it is not part of the current work plan.





## **Policies & Capacities to Adapt**

#### Supporting capacities of Stakeholders

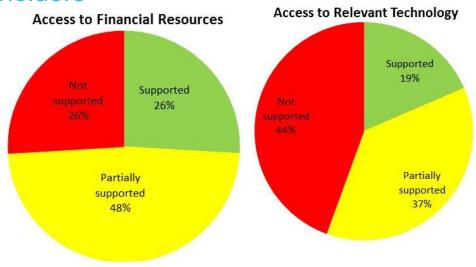
 All types of capacities are covered, but at different levels

#### Examples:

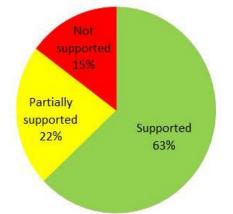
 The programs provide information about pest management and best management practices to farmers.

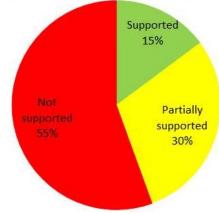
 The policies provide information about methods of accessing water withdrawals.

 There is regular reporting about changes in water use and climate variability.



Access to Relevant Information and Skills Access to Relevant Infrastructure

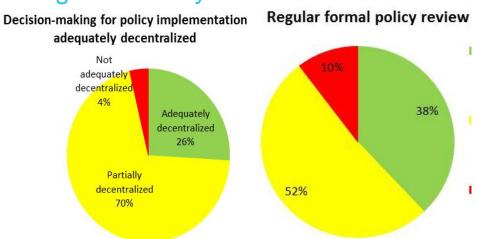


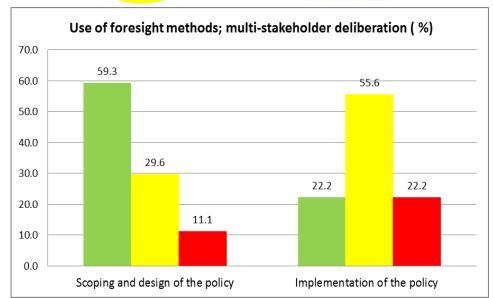




### Role of Adaptation Planning to Challenge the Policy Process

- Foresight methods and multistakeholder deliberation used in the scoping and implementation
- Policies enabling self-organization and social networking
- Implementation adequately decentralized
- Adequate variety in the suite of policies and programs (e.g., economic, regulatory, expenditure, institutional policy instruments)
- Regular formal review process in place that can detect emerging issues



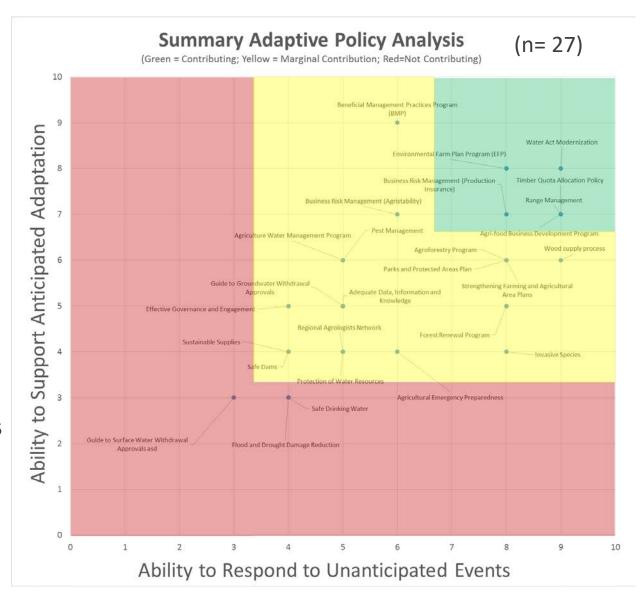




## **Policy Support for Adaptation**

Moderate-level of support for adaptation

- Limited policy coordination
- Mal-adaptation is rare
- Regular policy reviews and other assessments to make sure policies are targeted/relevant





## **Policy Design & Adaptation**

#### Policy Focus and Policy Process

- ADAPTool is not a policy evaluation tool, but aims to provide guidance for policy-makers on how well their policies support adaptation needs as well as can respond when needed
- Most policies can support adaptation; it is more how they are translated into programs
- Policy design challenges: the focus is on creating a set of policies that cover different aspects of the sectoral needs/management and adaptation needs is one of them
- Role of Adaptation Planning to Create Innovation in the Policy Process