



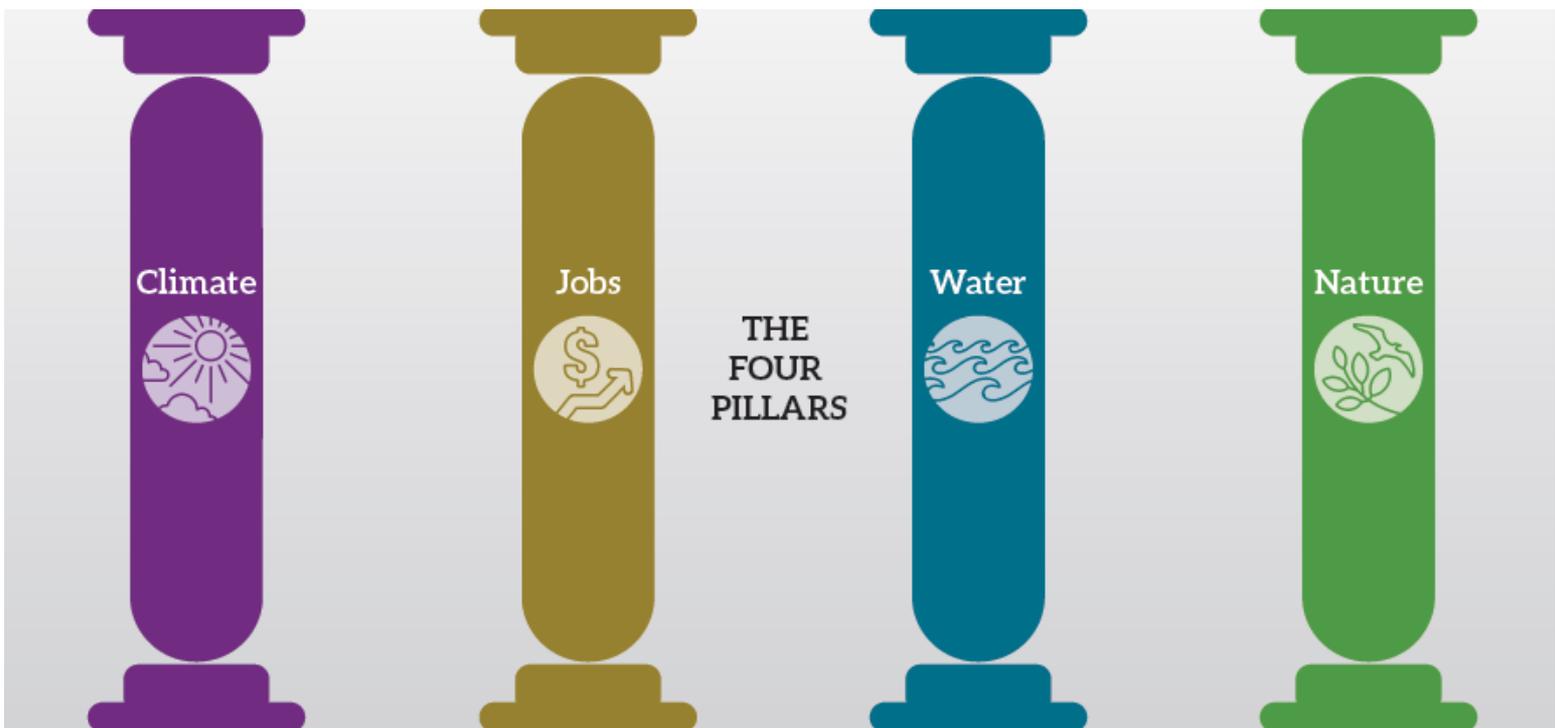
Climate and Green Plan Town Hall Toolkit

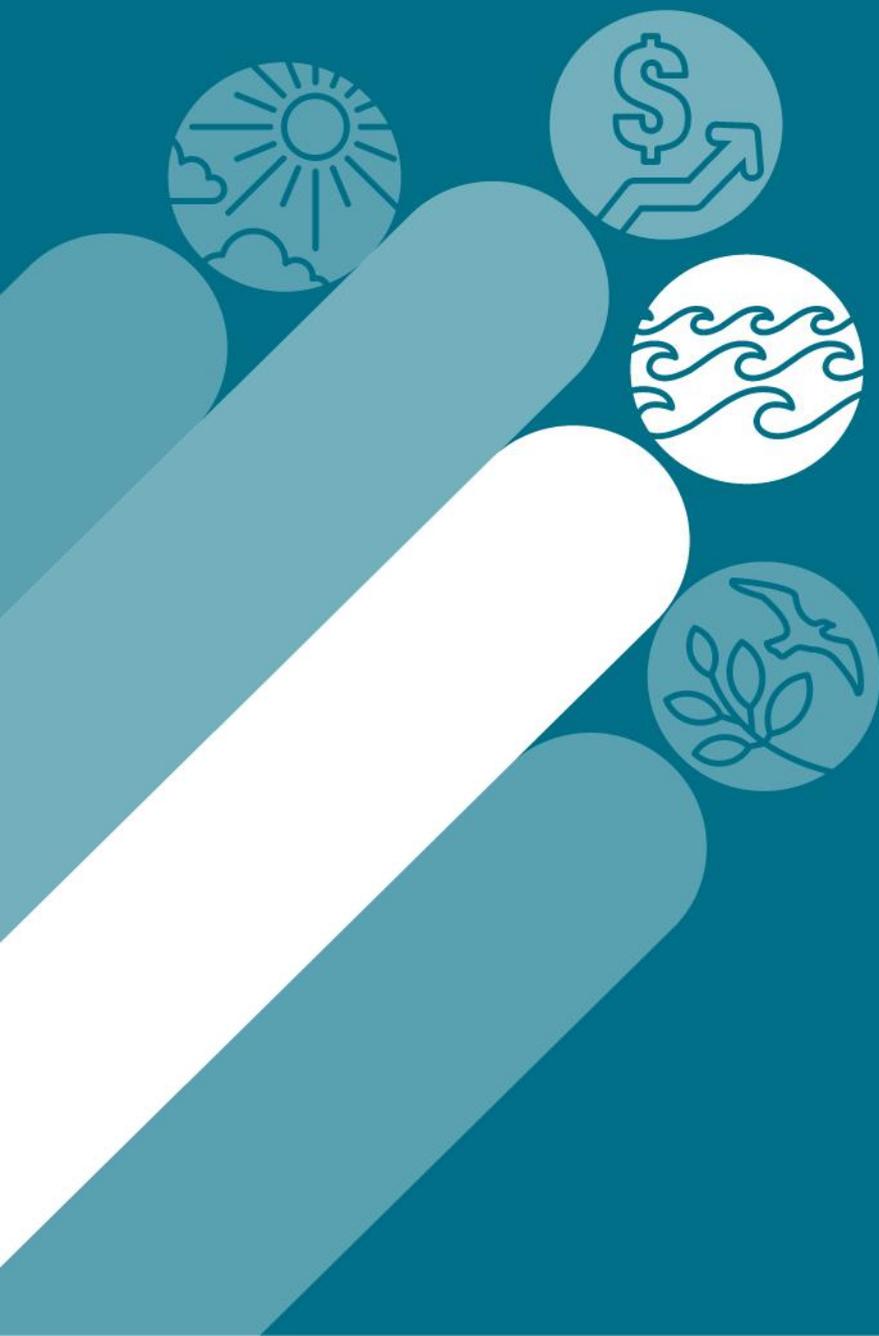
Water Pillar





The Four Pillars





WATER



Keystones

**Wetlands &
Watersheds**

**Agriculture &
Land Use**

**Flood &
Drought**

Water Quality



Wetlands & Watersheds

Actions

Watershed Planning	Enhancing the watershed planning and management framework at both the local and regional levels.
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Wetlands	Continuing to create a comprehensive inventory of wetlands across the province. Using tools developed to assess wetlands' ecological functions.
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No Net Loss	Committing to No Net Loss for wetlands.
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Wetlands and Watersheds Discussion Questions

- What are your thoughts on the actions being considered to support the Wetlands and Watersheds keystone?
- What actions are you the most/least interested in? Why?
- What other actions should be considered?



Agriculture & Land Use

Actions

Growing Outcomes for Watersheds (GROW)

Implementing a made in Manitoba ecological goods and services partnership program called GROW, based on the Alternative Land Use Services (ALUS) model.

Drainage and Water Retention

Reviewing tile drainage regulations.
Exploring innovative approaches to fulfill no net loss of water retention capacity goals.



Agriculture & Land Use Discussion Questions

- What are your thoughts on the actions being considered to support the Agriculture and Land Use keystone?
- What actions are you the most/least interested in? Why?
- What other actions should be considered?



Flood and Drought

Actions

No Net Loss
(Retention)

Keeping water on the landscape and managing it carefully.

LiDAR
(Light Detection and Ranging)

Using remote sensing technologies to collect accurate elevation data and create highly accurate land and water mapping.

Drought Defense

Expanding distribution and accessibility of up-to-date drought and water supply conditions information; Integrating local and traditional knowledge; Establishing regional drought committees to provide timely feedback; Developing a basin-by-basin integrated approach to watershed management planning.



Flood and Drought Discussion Questions

- What are your thoughts on the actions being considered to support the Flood and Drought keystone?
- What actions are you the most/least interested in? Why?
- What other actions should be considered?



Water Quality

Actions

Managing Excess
Nutrients

Developing and implementing watershed based targets for nutrient reduction including the Lake Winnipeg watershed.

Improve existing wastewater treatment plants for nutrient removal.

Implementing innovative wastewater nutrient solutions.

Precision Agriculture

Using technology to do the right thing, in the right place, in the right way, at the right time to reduce over application of nutrients.

Water Quality Trading

Adopting a market based approach alongside regulation to improve water quality.



Water Quality

Actions

Groundwater and
Aquifers

Protecting groundwater and recharge areas.
Increasing aquifer management plans.
Improving groundwater mapping.

Drinking Water Quality

Identifying potential risks to drinking water sources and actions that can be taken locally to eliminate the risks.

Shoreline Erosion

Developing new guidelines for maintaining shorelines.



Water Quality Discussion Questions

- What are your thoughts on the actions being considered to support the Water Quality keystone?
- What actions are you the most/least interested in? Why?
- What other actions should be considered?



Keystones

- Are the four keystones the right priority areas for action under the Water Pillar?
- Do you have any other suggestions?

Agriculture &
Land-Use

Wetlands &
Watersheds

Flood & Drought

Water Quality

