



STRATEGIC VISIONING OF URBAN WATER MANAGEMENT

Where will Canada be in the
next 25 and 50 years?



SLIDE PACK 1: GAPS AND CHALLENGES

Urban Water Management in
Canada

NOTES, THINGS TO CONSIDER

OECD Report

See notes on next slide for some possible topics and themes – for stimulating brainstorming and discussion only

Groups are free to dictate their own content based on their discussions

NOTES, THINGS TO CONSIDER

Data

Expertise

Processes

Successes and Failures

Public Awareness, Perception and Support

Economy

Changes in government

Consistency of regulation, standards, and practice across jurisdictions

Varying capabilities of individual municipalities

Geography of Water Management risks (Coast to Coast to Coast)

Laws and regulation

Human resources, skills and knowledge management

Innovation

Financing and long term financial management

Cooperation

Urban-Rural issues

Multi-tier Governance

Asset management and risk-based, evidence-based decision making

Risk management

NOTES, THINGS TO CONSIDER

Climate change

Criticality of water

Criticality of water infrastructure assets

Critical customers

Source and supply security

Risk in extreme events

Cascading infrastructure failures due to interdependencies

Public preparation, adaptation and resilience

Infrastructure condition and infrastructure deficit

Performance / capability of wet weather infrastructure

Demographic shift in the workplace, culture shift in employee retention

Departmental silos and integrated coordination needs

Metrics and benchmarks

Emerging contaminants of concern

Consumer behaviour

Multi-disciplinary planning

Out of sight, out of mind behaviour

Translating work done at international, federal, and provincial / regional levels to municipalities

Technology



SLIDE PACK 2: VISION FOR THE NEXT 25 AND 50 YEARS

Urban Water Management in
Canada

NOTES, THINGS TO CONSIDER

OECD Report

See notes on next slide for some possible topics, themes, and prompting questions – for stimulating brainstorming and discussion only

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NOTES, THINGS TO CONSIDER

Outline your groups emerging vision for where we need to or want to be in the next 25 and 50 years

What does Urban Water Management look like under these circumstances?

Describe the “beach”. Comment on the OECD framework for analysing policy responses combining four dimensions: financing, innovation, urban-rural cooperation, and governance.

FUTURE WORK ON A STRATEGIC VISION FOR URBAN WATER MANAGEMENT

Path from 2017 to the next 25 and 50 years

- *Consider:* How do we get from here to there? What is needed? Can we radically advance safety, resilience, and sustainability? What are the first steps? How do we overcome inertia? Different ways of thinking (systems-level, risk-based, multi-disciplinary, interdependencies)? Think big, build smart? What successes can we leverage? What interconnections can we exploit?

Recommendations

- Wrap up your analysis with your team's key recommendations for municipalities, provinces, federal government, non-governmental organizations, private sector, etc.