



Standards Council of Canada  

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Conseil canadien des normes

Canada

# Standards as Tools for Adaptation

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*Adaptation Canada 2016*

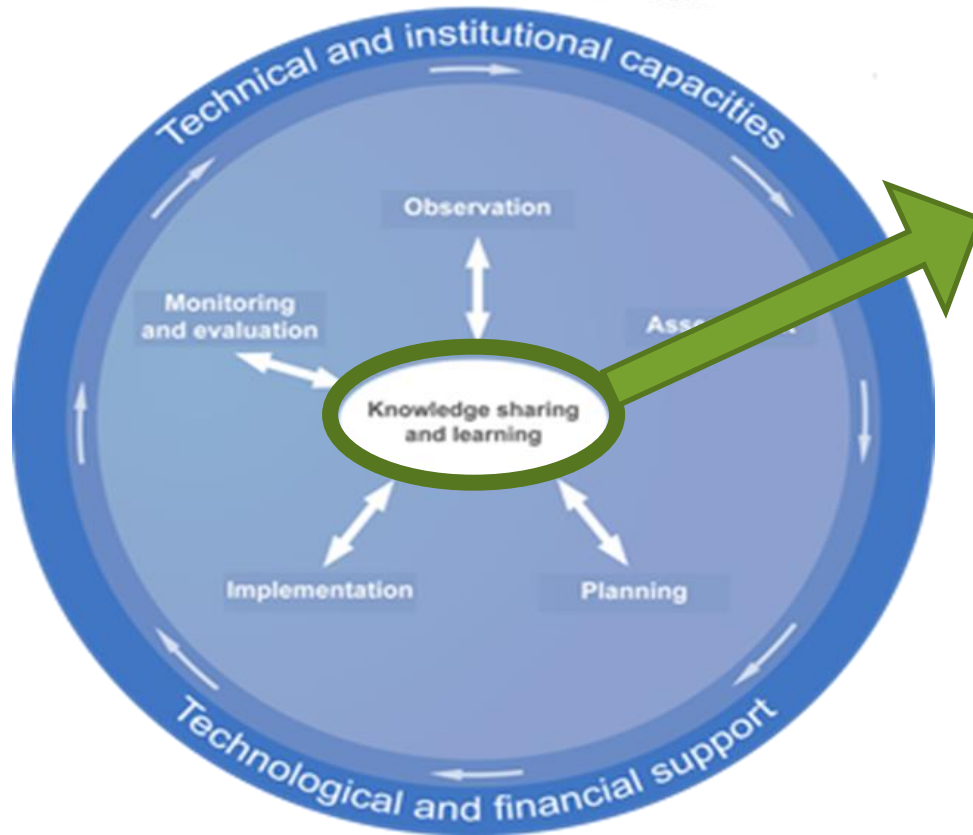
April 12, 2016



## Presentation Agenda

- Elements of Adaptation
- Standards as Tools for Adaptation
- Introduction to Standards Council of Canada
- Key Steps in Standard Development Process
  - process of Adaptation
- Session Agenda

# UNFCCC's Elements of Adaptation

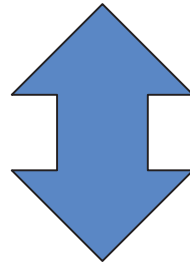


To enable **knowledge sharing and learning**

- **Sustained engagement of stakeholders**
- **Knowledge management**

## Standards as Tools for Adaptation

- Knowledge Sharing and Learning
- Sustained Stakeholder Engagement
  - Knowledge Management



Standards Development Process

# Overview of SCC

- Federal Crown corporation established in 1970
- Reports to Parliament through the Minister of Innovation, Science and Economic Development
- Canada's national accreditation body

# Key SCC Activities



- SCC coordinates participation in international bodies
- Approves National Standards of Canada (NSCs)
- Manages programs and services designed to support the integration of standardization into regulatory practices
- Accredits:
  - Standards development organizations (SDOs)
  - Conformity assessment bodies (CABs)



# Standards Development Organizations (SDOs)



# Conformity Assessment Bodies (CABs)





# Key Steps in Standards Development

## STEP 1

**A Need** is identified

## STEP 2

**Scan** existing international and/or regional standards

## STEP 3

**Gap** is identified

## STEP 4

A **new work item** is proposed

## STEP 5

**Outreach** activities

## STEP 6

New work item is **approved**

## STEP 7

Standard **developed** by committee

## STEP 8

**Balloting** and **Voting**

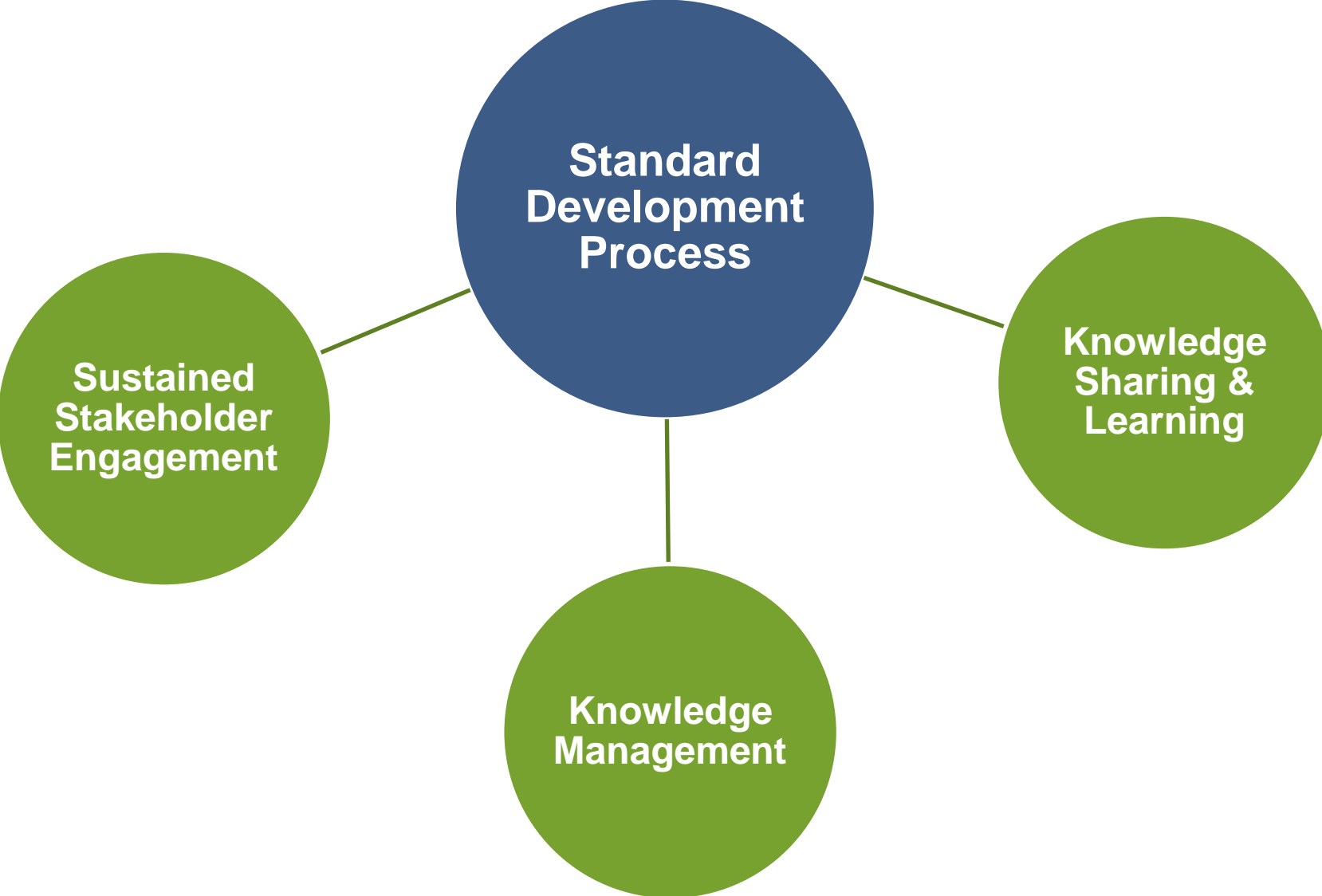
## STEP 9

Standard is **published**

## STEP 10

Certification program is **developed**

# Adaptation Elements & Standards Development





## Knowledge Sharing & Learning

- ✓ Technical experts
  - Increased confidence
  - Trust
- ✓ Transparent and Inclusive
  - Public review - all comments need to be address
- ✓ Capacity building
- ✓ Consideration of :
  - Economy;
  - Sustainable development;
  - Health, safety and welfare of workers and the public; and Consumers.
  - *Could we add Adaptation measures?*



## Sustained Stakeholder Engagement

- ✓ Balanced Matrix
  - Multi-stakeholder
- ✓ Geographic representation
- ✓ Consensus based decision-making
- ✓ Transparent and Inclusive
- ✓ Relevant Context



# Knowledge Management

- ✓ Common reference point
- ✓ Sets the bar
- ✓ Available for all lifecycle phase
- ✓ Commonly used
- ✓ Updated

# Session Agenda

	Subject	Presenter	Organization
<b>Local</b>	Guidance for parking lots to reduce UHI : 2 years later, its current and future applications	Nathalie Bleau	Ouranos
<b>Regional</b>	Northern Infrastructure Standardization Initiative	Mike Burns	Gov. of NWT
<b>International</b>	Voluntary Standards for Climate Adaptation -- through ISO and beyond	Ira Feldman	greentrack
<b>Virtual</b>	Innovative Next Generation Standards Systems in Support of Adaptation	Tom Baumann	GHG Management Institute
	Q & A		