Standards Utilization and Impact

Measuring Mission Fulfillment through Utilization and Impact

Adi Iyer
Manager, Government Relations
Agenda

1) CSA Group At-a-Glance

2) Standards Utilization and Impact Project

3) Stakeholders

4) Organizational Perspective

5) Data Points and Future Work
Member Driven. Globally Relevant.

Improving health, safety, the environment and trade in Canada and beyond.

12 Areas of focus
+
10,000 Dedicated members
+
3,000 Standards
+
1,000 Committees
Standards

Standards Development
Standards promote:
• Safety
• Health
• The environment
• Economic efficiency

Research
• Explores potential for new standards solutions
• Provides evidence to inform and accelerate standards development

Education
• Provides access choices based on user needs
• Increases user knowledge of standards
• Guides the accurate application in workplaces and communities

Advocacy
• Drives public awareness of standards
• Promotes the value and use of standards
• Engages a new generation of standards developers and users
Consensus Based Decision Making

- 10,000 dedicated members
- ~1,115 Standards Technical Committees
- Accredited by Standards Council of Canada (SCC)
- Balanced, consensus-based approach
- 12 areas of focus

Ensuring the right people are involved, the right voices are heard, and the right process is followed.
The mission of CSA Group’s Standard Development organization is to *enhance the lives of Canadians* through the *advancement of standards* in the public and private sectors.

We are a *leader in standards research, development, education, and advocacy*. The technical and management standards developed by our *10,000 members* improve safety, health, the environment, and economic efficiency in Canada and beyond.
Standards Utilization and Impact Project

Introduction

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<th>Utilization</th>
<th>Impact</th>
<th>Track</th>
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<td>Government references and use in industry</td>
<td>Are we enhancing the lives of Canadians?</td>
<td>Tracking and building trend over time</td>
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<tr>
<td>Who uses our standards? How are our standards used?</td>
<td>How are we enhancing the lives of Canadians?</td>
<td>Disseminate and share information at regular intervals</td>
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321 Standards
Gas and Health Care

3,000+ CSA Standards
If we have a better understanding of who uses our standards and why, we can start to measure the impact in meaningful ways.

Standard Stakeholders & Benefits

- Consumers
- Purchasers
- Manufacturers
- Repair/Installers
- Legislators/Regulators
- Employees and Workers
- General Public

It's difficult to measure impacts for all stakeholders given the varying topics and needs. Not a simple case of a single end-user of a service or product!
Organizational Perspective

Why are we measuring utilization and impact?

Organization

Internal Stakeholders

External Stakeholders

Mission Fulfilment and Legacy
### Data Points from Phase I

Using data from *Utilization* to study *Impact*

<table>
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<tr>
<th>Top Standards by Reference and Use</th>
<th>Geographical Data on Standards</th>
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<td>Match by Industry</td>
<td>Nature of Use: Mandatory vs Voluntary</td>
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<td>Date of Publication vs Date of First Reference/Use</td>
<td>Reference in Government Documents</td>
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**IMPACT**

- Health
- Safety
- Environment
- Economy
**Project Status**

Milestones and Timelines

### 321 Standards

**Gas and Health Care Sectors**

#### Phase I

**Utilization**
- Where are our standards referenced by government?
- Who uses our standards, and how do they use them, i.e. mandatory or voluntary

Completion: Mid-Late October 2021

#### Phase II

**Impact**
- Measure mission fulfillment
- Health, safety, environmental and economic impacts of standards

Completion: Mid-Late January 2022

#### Phase III

**On-going tracking**
- Track utilization and impact of standards to build trend over time

Completion: On-Going

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Confidential
Thank you.

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What are we measuring in Phase I?

Utilization-related deliverables

Government

- Federal, Provincial, Territorial, and Municipal references
- References within legislation, regulation and other government-authored documents
- Date of first reference
- Geographical data on utilization

Industry

- Voluntary utilization
- Geographical data
- Date of first known use