Overview

Topics to be covered include:
• Results Framework (RF) – prevent harm
• Data Improvement Roadmap – in service of RF
• Use of visualization tools for analysis and sharing data
  - For staff, industry and the public
Measuring performance

**NEB Core Responsibilities**

- **Energy Adjudication**: Our energy adjudication processes are fair, timely, transparent and accessible.

- **Safety and Environment Oversight**: Harm to people or the environment throughout the lifecycle of energy-related activities is prevented.

- **Energy Information**: Canadians access and use energy information for knowledge, research or decision-making.

- **Engagement**: Stakeholders and Indigenous Peoples share their perspectives and provide feedback that our activities with them are meaningful.

**Accountability and Continual Improvement**

We are accountable to Canadians. We measure our performance through our results indicators, and drive continual improvement with our management system.
Core responsibility: Safety and Environment oversight

Outcome
Harm to people or the environment, throughout the lifecycle of energy-related activities, is prevented.

Results Indicators
On NEB-regulated infrastructure:
- Number of incidents that harm people or the environment.
- Percentage change of specific incident types
- Percentage change of near misses
Preventing harm – Target is 0 incidents

Relative data to support this pillar
Data improvement roadmap

People
- Increase skills with data
- Increase skills with tools
- Educate, simplify, enable using the data

Process
- Simplify and clarify processes
- Link to RF
- Continuously improve SEO processes

Technology
- Increase data in systems + workflows
- Intuitive tools accessible by all
- Link other internal data via tools
- Link with industry data via tools

Culture

Data
- link to RF
- Increase leading indicators
- Simplify data terms and meaning
- Increase industry sources
Improving data for analysis and transparency

- Compliance Verification data
- Real time collection of field inspection data and incident data
- Data standard
- Process standard
- Data Vis for Energy Info
- RF Indicators Measured
- Audit and Enforcement data
- S&E Oversight processes mapped and being measured
- Conditions pilot – information to data
- Data Vis for Incidents
- Conditions & Remediation Data and workflow
- MS data added to Incidents
- SC data included in Inspections
- Improved Leading Indicator data
- Data Vis expanded for select data types.
- Increased External Data
- Increased Regulated Company Data
- Improving risk model
- 2015
- 2016
- 2017
- 2018
- 2019
- 2020
- Risk model enhanced
- Data improvements driven from internal and external fdbk
- External Data part of analysis
- Regulated Company data
Looking at the data
About data visualization

www.neb-one.gc.ca/pipelineincidents
Visualization requirements

Commitment
Alignment
Resources
Innovation in data sharing
Where are we going:

The Results Framework is how we will hold ourselves to account to:

• Meet public expectations
• Achieve regulatory excellence
• To hold industry to account to prevent harm

Requires meeting our Results Framework outcomes and measures by:

• Listening, learning and adjusting to meet expectations
• Having the right data and the right information
• Transparency and accessibility
• Relentless improvement