

► Consolidation of ISO 14001 Certifications

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Outline

- **Background**
 - Overview of ISO 14001
 - Overview of Cameco
 - Individual certifications
- **Project Implementation**
- **Results and Path Forward**
- **Recommendations**

► ISO 14001

- Systematic process for managing environmental aspects
- Focuses on continual improvement, legal compliance, and environmental performance
- Based on PDCA process
- Option for certification – three year cycle
- World's most widely utilized and recognized environmental standard.
- Recently revised (2004->2015)



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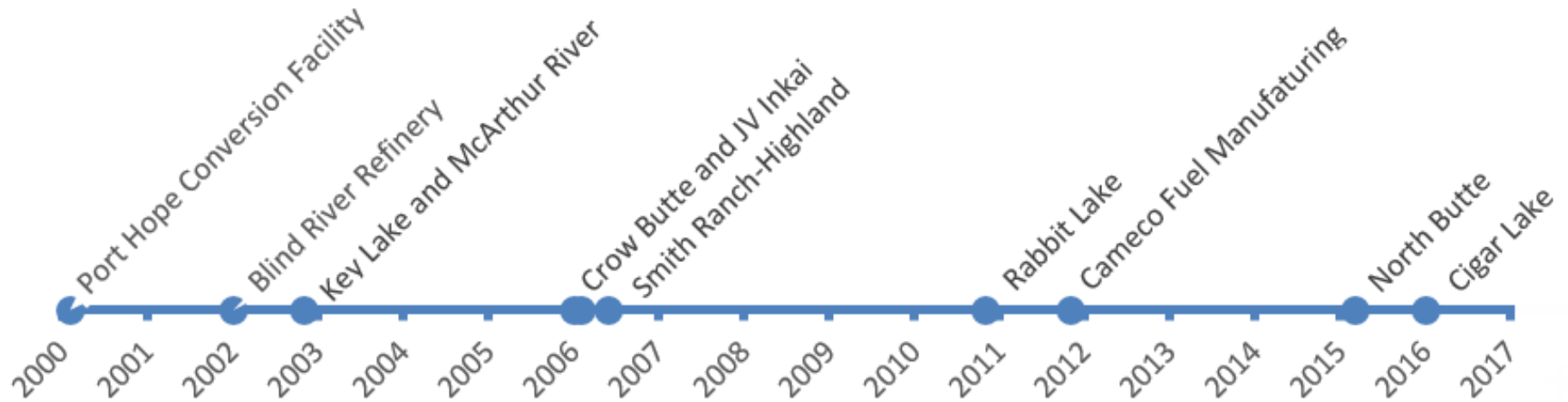
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► Certification to Standard

- Corporate direction – implement ISO 14001 at all operations



- Certification costs ~ \$35,000 per cycle per site
 - Plus personnel time (2 to 12 days/year)

► Proposal

- Registrar not providing value
 - Lax audits
- Administration a distraction to sites
- Cost pressure
- Experience from tire manufacturer



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Consolidate Certificates

- Sampling audits
- Reduced time = reduced costs
- Better audits



► Deliberate Approach

- 2013 – Review by consultant
- 2013 – Engagement with sites
- 2014 – Joint effort with registrar
- 2014 – Transfer existing
- 2014 – First site audit
- 2015 – Remaining audits
 - North Butte
 - Cigar Lake
- 2016 – Transitioned to audit sampling



Results

- Currently 9 of 11 sites included
 - CFM
 - JV Inkai
- Divisional audit sampling
- Three year cycle
 - Site audits from 27 to 11
 - Registrations costs down ~ 50%
 - Reduced site burden
- Standardization of environmental system
- Transition to ISO revision easier

ATTACHMENT TO CERTIFICATE OF REGISTRATION

These sites are registered under Certificate No: CERT-0090433 issued on February 22, 2016

File No.		Effective Date
009920	Cameco Corporation Inc. Port Hope Conversion Facility 1 Eldorado Place Port Hope, Ontario L1A 3A1 Canada	January 21, 2016
011761	Cameco Corporation Inc. Blind River Refinery Facility 328 Eldorado Road Blind River, Ontario P0R 1B0 Canada	January 21, 2016
013199	Cameco Corporation Inc. McArthur River Operation 57°45'43.8"N 105°03'09.2"W McArthur River, Saskatchewan Canada	January 21, 2016
013200	Cameco Corporation Inc. Key Lake Operation 57°12'44.0"N 105°40'26.0"W Key Lake, Saskatchewan Canada	January 21, 2016
1050616	Cameco Corporation Inc. Rabbit Lake Operation 58°11'25.2"N 103°42'36.4"W Rabbit Lake, Saskatchewan S7M 1J3 Canada	January 21, 2016
1657552	Crow Butte Resources, Inc. doing business as Cameco Resources CCrow Butte Operation 42°38'41.3"N 103°21'08.6"W Crawford, Nebraska 69339 USA	January 21, 2016
1665489	Power Resources, Inc. doing business as Cameco Resources Smith Ranch-Highland Operation 43°03'11.4"N 105°41'08.3"W Douglas, Wyoming 82633 USA	January 21, 2016
1665490	Power Resources, Inc. doing business as Cameco Resources North Butte Operations 43°46'28.8"N 105°56'04.9"W Gillette, Wyoming 82718 USA	January 21, 2016
1667650	Cameco Corporation Inc. Cigar Lake Operation 58°04'05.0"N 104°32'17.0"W Cigar Lake, Saskatchewan Canada	January 21, 2016

These registrations are dependent on Cameco Corporation Inc. Cameco Corporate Office (File No. 1657885) maintaining their scope of registration to ISO 14001:2004



► Final Thoughts

- Consolidation worth the effort
- Technically simple, but need good communications
 - Registrar
 - Site resources
- Ensure system is robust
 - One for all approach
- More corporate involvement
- Reliance on internal audits
- Better sharing of information
- Continuous improvement





► Questions

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