

Alpha Coal West Inc
 AngloGold Ashanti (Colorado) Corp.
 Anglo American Metallurgical Coal
 ArcelorMittal Mines Canada
 Barrick Gold Corporation
 BHP Billiton Diamonds Inc.
 BHP BMA Coal Australia
 Canadian Natural Resources Ltd.
 Cliffs Natural Resources
 De Beers Canada Inc.
 Freeport McMoRan Copper & Gold
 Goldcorp Canada Ltd.
 Imperial Oil Ltd.
 Iron Ore Co. of Canada
 Kinross Gold Corporation
 KMC Mining Corporation
 Ledcor CMI
 Mitsubishi Development Pty Ltd



SMART Surface Mining Association
 For Research & Technology

SMART Meeting Agenda

Sunday May 6th, 2012

Our Host is the CIM

Meeting is at the SHAW Conference Centre, Salon 3. Edmonton

Newmont Mining Corporation
 North American Construction
 NovaGold Resources Inc.
 Peabody Energy Corporation
 Prairie Mines & Royalty Ltd.
 Queens University
 Quadra FNX Mining Ltd
 Shell Canada Ltd.
 Suncor Energy
 Syncrude Canada Ltd.
 Teck Resources Limited
 Thiess Pty Ltd
 Total E&P Canada Ltd
 TransAlta Corporation
 University of Alberta
 University of Arizona
 University of British Columbia
 URS Corporation, Washington Div.
 Walter Energy

8:30 - 15 min *Networking*

8:45 - 4 min *Agenda Review*

8:49 - 1 min *Action Log Review (attached)*

- All action items from previous meeting are incorporated into agenda topics.
- Discuss “EXTREME by DEVEX” Automation in surface mining correspondence (Gord Winkel)

8:50 - 30 min *Company Profile KMC Mining Corporation (Al Flemming, Craig Dirk or Zoli Lukacs)*

- Understanding and Learning about the work of others in the industry.

9:20 - 30 min *Tyre Pressure Monitoring System (Tom Stephenson)*

- Learning about new developments and new products.

9:50 - 25 min *R & D with Regard to Rate of Heat & Pressure build in Tire/ Rim Assemblies (Mike Lipsett, Tim Joseph)*

- Recommendation on R & D work that could be undertaken

10:15 - 15 min *Break*

10:30 - 45 min *Use of natural Gas for Diesel Engines (Dave Faber, Randy McDonald, Caterpillar)*

- Learning about new developments

11:15 - 30 min *High Performance Natural Gas Tech. for Surface Mining Engines (Paul Blomerus -Westport Innovations)*

- Learning about new developments.

11:45 - 10 min *Time & Location for Next SMART Meeting*

11:55 - 10 min *CMIC Update (Gord Winkel)*

12:05 - 30 min *Lunch*

12:35 - 15 min *SMART “Draft” recommendation regarding Tire Service Work (Tim Joseph)*

- Learning about safe practices.

12:50 - 25 min *SMART Mining Industry Technology Standards for Mobile Mining (Heather Ednie)*

- Charter Document for firms to use to obtain funding
- Industry Definitions and “Data Summary Table”.
- Seattle Summit Meeting

1:15 - 15min *CSA Standards in Canadian Mining (Bonnie Rose, Tim Skinner)*

1:30 - 15 min *SA Technologies Topic Introducing Situation Awareness. (Mica Endsley, Tim Skinner)*

1:45 - 10 min *Truck Shovel User Group update (Steve Thornton)*

- Meeting Update
- Review of the TSUG Charter

1:55 - 5 min *Large Tire User Group (Tom Demorest)*

- Most recent meeting

2:00 - 15 min *Template for Tire Information Sharing (Zoli Lucas)*

- Learning about best practices

2:15 - 10 min *CIM / Surface Mining Association Developments update (Zoli Lucas)*

2:25 - 20 min *Round Table & Sharing of Items Related Safety*

2:45 - Adjourn for the day

ACTION LOG - October 14, 2011

DATE OF ACTION		NAME	DESCRIPTION	DATE REQ'D
May 22, 2011	Agenda Item	Gord Winkel SMART Members	Synergy with SMART and CMIC in the areas of identifying the key initiatives for R&D work was discussed. SMART can provide ideas and direction for targeted research for CMIC consideration to take the lead on in advancement. At the next SMART meeting, we will use some time to discuss further.	May 6, 2012
Oct. 14, 2011	Action Item	Steve Thornton	Steve is preparing a charter for the TSUG that he will bring to a SMART meeting for review.	May 6, 2012
Oct. 14, 2011	Action Item	Zoli Lukas	Prepare a template for Tire Information Sharing to support U of A Tire Project.	May 6, 2012
Oct. 14, 2011	Action Item	Tim Skinner	Tim to provide Mike Lipsett with a contact for nano technology.	May 6, 2012
Oct. 14, 2011	Action Item	Tim Skinner	SMART Mining Industry Technology Standards for Mobile Mining. Charter Document for firms to use to get funding and strategy for receiving funds is completed. Tim will prepare a cover letter for firms to use to request funding.	May 6, 2012
Oct. 14, 2011	Action Item	Tim Skinner	Tim will provide the current information he has for Industry Definitions and also provide a "Data Summary Table".	May 6, 2012
Oct. 14, 2011	Action Item	Tim Skinner	Planning for the next Standards Summit meeting.	May 6, 2012
Oct. 14, 2011	Action Item	Tim Joseph	Draft a recommendation on behalf of SMART related to tire service work.	May 6, 2012
Oct. 14, 2011	Action Item	Tim Joseph Mike Lipsett	Provide a recommendation on what R&D could be undertaken with regard to the Rate of Heat & Pressure Build Up in Tire / Rim assemblies	May 6, 2012
Oct. 14, 2011	Action Item	Tim Joseph	Next Learning Seminar planned for 2012 Approximately 20 presentations of 20 minutes each will be required. Presentations will provide new and different solutions that have been implemented at our Mine Sites. Tim will prepare short e-mail for distribution to request presentations.	By end of November 2011

Company Presentations Completed -

BHP Ekati,	Scott Williams, Oct. 21, 1999
IOC,	Rob Didur, March 7, 2000
Albian Sands,	John Clark, March 7, 2000
Elkview Coal,	Bill Fleming, June 21, 2000
Diavik Diamond,	Dave Passfield, Nov. 2, 2000
TransAlta,	Paul Clarke, April 29, 2001
Suncor	Steve Little, November 2, 2001
Klemke Mining	Dan Klemke, April 28, 2002
Fording	Gene Wusaty, November 8, 2002
NACG	Bill Koehn, May 4, 2003
Washington Group	Rick Lambert, November 7, 2003
Barrick	Larry Radford May 9 th 2004
Phelps-Dodge	Mark Bartlett September 16 th , 2004
Elk Valley Coal	Bill Fleming January 20, 2005
Syncrude	Gord Winkel, April 24, 2005
Luscar	Jim Chalmers, Sept. 23, 2005
CNRL	Allan Boddy, Jan. 13, 2006
Quebec Cartier	Jean Fortin, May 14, 2006
Ledcor CMI	Joe Lambert Sept. 13, 2006
U of Arizona	Dr. Sean D. Dessureault Sept 13, 2006
Queen's	Dr. Jonathan Peck, Sept. 13, 2006
Mitsubishi	Scott Todd, April 29, 2007
Thiess Pty Ltd	Ross Gibbons, April 29, 2007
University of Alberta	Tim Joseph, April 29 2007
University of BC	Rob Hall, April 29, 2007
Cleveland -Cliffs	Don Morrison, Nov. 1, 2007
Kinross Fort Knox	Dan Snodgrass, Nov. 1, 2007
Rio Tinto	Lloyd Townley, Nov. 6, 2008.
Kearl Lake	Gord Winkel, Nov. 6, 2008.
BHP BMA Coal	Andre Giguere, Nov. 6, 2008.
Teck Resources Ltd	Ross Pritchard May 10th, 2009
Western Coal Corp.	Craig Dirk Nov. 5, 2009
Total E & P	Rolfe Timm Nov. 6, 2009
AngloGold's	Vivien Hui May 9th, 2010
ArcelorMittal Mines	Michel Privé Nov. 18, 2010
Shell Canada Energy	Paul Graham May. 22, 2011
Newmont Mining Corp.	Larry Clark Oct 14, 2011
Klemke Mining Corp	Zoli Lukacs May 6th, 2012