

MEMORANDUM OF UNDERSTANDING (MOU)

This MOU made as of the 4th day of September, 2009

Between:

Her Majesty the Queen in Right of Alberta,
as represented by the

Minister of ENVIRONMENT (AENV)

and

Minister of TRANSPORTATION (TRAN);

and

ALBERTA ROADBUILDERS AND HEAVY CONSTRUCTION ASSOCIATION (ARHCA)
as represented by the Chief Executive Officer

The Parties to this MOU,

Being Parties that have an interest in increasing energy efficiency and reducing greenhouse gas (GHG) emissions in Alberta;

Recognizing that the Government of Alberta has endorsed and committed to sustainability and Alberta's 2008 Climate Change Strategy and the Provincial Energy Strategy;

Recognizing that all Albertans and Alberta companies need to be part of the climate change solution and together we all share the responsibility for managing and reducing GHG emissions;

Recognizing that the Alberta Roadbuilders and Heavy Construction Association is a proactive association dedicated to promoting a professional, environmentally responsible image of the road building and heavy construction industry;

Recognizing that economic development, competitiveness issues, and industry growth need to be considered in developing measures and actions to increase energy efficiency and reduce GHG emissions;

Recognizing that Alberta can be a global leader in using energy more effectively and efficiently;

Recognizing that reductions in energy consumption and GHG emissions have the associated benefits of reducing other air emissions;

The Parties have agreed as follows:

OBJECTIVE:

The objective of this MOU is to develop a framework in which AENV, TRAN and the ARHCA can work together to facilitate strategies for GHG emissions reductions that enable the industry to adjust to a carbon constrained future and help Alberta meet the targets set out in the 2008 Climate Change Strategy and the Provincial Energy Strategy.

SCOPE:

This MOU applies to GHG emissions emitted by members of the ARHCA. However, where possible, the Parties agree that this MOU may serve as a GHG mitigation framework for further emission reduction actions from additional industry sectors and stakeholders within Alberta's construction industry.

DURATION OF THE MOU:

This MOU will take effect on the date it is signed and will extend to December 31, 2012, unless one of the Parties terminates it by giving the other Parties a six month written advance notice to this effect. Upon conclusion of this MOU, reviews will be conducted by all Parties, and if agreed, a subsequent MOU or agreement may be established to build on any achievements of the original MOU to further engage the Alberta industry sectors for road building and heavy construction.

ROLES AND REPONSIBILITIES:

ARHCA agrees to:

- (a) Support Alberta's 2008 Climate Change Strategy - *Responsibility / Leadership/ Action* by working together with AENV and TRAN to identify opportunities and "best practices" to improve energy efficiency and to reduce GHG emissions; and
- (b) Use established communication channels (newsletters, web site, conferences, etc.) to promote awareness and to encourage members to implement technologies and "best practices" that improve energy efficiency and reduce GHG emissions;

AENV and TRAN agree to:

- (a) Support the development and promotion of "best practices" for reducing GHG emissions;
- (b) Support the development of a GHG emissions baseline to facilitate tracking progress at reducing GHG emissions;
- (c) Identify and/or provide appropriate resources required for increasing ARHCA members awareness of actions to increase energy efficiency and reduce GHG emissions;
- (d) Provide relevant energy efficiency and GHG mitigation information regarding initiatives and programs to ARHCA for distribution and communication to members; and,
- (e) Work together with ARHCA to identify areas of mutual interest, directly or indirectly related to the mitigation of GHG emissions, and develop mechanisms for pursuing those areas.

IMPLEMENTATION:

- (a) A Coordinating Committee will be established to oversee the implementation of this MOU. The Coordinating Committee will consist of the following representatives:
 - (i) Two representatives from the Government of Alberta, one each selected by AENV and TRAN;
 - (ii) Two staff representatives from ARHCA, selected by the Chief Executive Officer of the ARHCA;
 - (iii) Two ARHCA member representatives and an alternate, selected by the Chief Executive Officer of the ARHCA; and,

- (b) The Coordinating Committee will schedule quarterly meetings and report on an annual basis to the Deputy Minister of Environment, the Deputy Minister of Transportation, and the ARHCA Board of Directors;
- (c) The Coordinating Committee will establish areas of mutual interest and coordinate the development of initiatives that support those interests.
- (d) Within the first year of this MOU, a work plan (concluding in 2012) will be established by the Coordinating Committee on a consensus basis, with priorities, action items and delivery timelines. This work plan will be updated after every second Coordinating Committee meeting and will also be reviewed annually, in conjunction with an annual review of the MOU.

PROSPECTIVE AREAS FOR FUTURE ACTION:

To date, AENV, TRAN and ARHCA have identified a number of prospective areas for future action. These areas form the base for a discussion of how the Parties may work together and subsequent work plans. The prospective areas for future action include:

- (a) Fuel efficiency and other energy efficiency “best practices” identification
- (b) Recognition and awards program development
- (c) Operator training and education/awareness initiatives
- (d) Construction methods, techniques and processes that reduce GHG emissions
- (e) Baseline development
- (f) Alternative fuels, idle reduction technologies and in-cab heaters

COMMUNICATIONS:

The Parties to this MOU agree to report annually to the public on a joint basis, a statement of the overall results and activities arising from this MOU.

ENFORCEABILITY:

This MOU is nonbinding and is not intended to create any legally-enforceable rights or obligations between AENV, TRAN and ARHCA.

SIGNATURES:

Agreed to by:

Minister of Alberta Environment

Minister of Alberta Transportation

Chief Executive Officer of Alberta Roadbuilders and Heavy Construction Association