



**MEMORANDUM OF UNDERSTANDING (MOU)**

This MOU made as of the 23<sup>rd</sup> day of September, 2013

*Between:*

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

**DEPUTY MINISTER OF  
ENVIRONMENT AND SUSTAINABLE RESOURCE DEVELOPMENT (ESRD) AND THE  
DEPUTY MINISTER OF TRANSPORTATION (TRAN);**

*and*

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

(hereafter collectively referred to as the "Parties")

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 the 2008 Alberta 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 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;

Recognizing that the Government of Alberta is committed to working collaboratively with other organizations to address climate change for present and future generations;

Now therefore, the Parties intend as follows:

**1. OBJECTIVE:**

1.1 The objective of this MOU is to develop a framework within which ESRD, TRAN and the ARHCA can work together to facilitate 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 Alberta Climate Change Strategy and the Provincial Energy Strategy.

**2. SCOPE:**

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

**3. DURATION OF THE MOU:**

3.1 This MOU will take effect on the date it is signed and will extend to December 31, 2017 unless one of the Parties terminates it by giving the other Party a six-month written advance notice to this effect.

3.2 Upon the expiry of this MOU, reviews will be conducted by all Parties, and if agreed, a subsequent arrangement may be established to build on the achievements of the MOU and further engage the Alberta road builders and heavy construction sector.

**4. ROLES AND REPONSIBILITIES:**

4.1 The ARHCA intends to:

- (a) Support the 2008 Alberta Climate Change strategy by working together with ESRD 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;

4.2 ESRD and TRAN intend 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 the ARHCA for distribution and communication to members; and
- (e) Work together with the ARHCA to identify areas of mutual interest, directly or indirectly related to the mitigation of GHG emissions, and develop mechanisms for pursuing those areas.

## **5. IMPLEMENTATION:**

5.1 A Coordinating Committee will be established to oversee the implementation of this MOU. The Coordinating Committee will consist of the following representatives:

- (a) Two representatives from the Government of Alberta, one each selected by ESRD and TRAN;
- (b) One staff representative from the ARHCA, selected by the Chief Executive Officer of the ARHCA; and
- (c) Up to three ARHCA member representatives, selected by the Chief Executive Officer of the ARHCA.

5.2 The Coordinating Committee will meet at least quarterly, and report on an annual basis to the Deputy Minister of Environment and Sustainable Resource Development, the Deputy Minister of Transportation, and the ARHCA Board of Directors.

5.3 The Coordinating Committee will establish areas of mutual interest and coordinate the development of initiatives that support those interests.

5.4 Within the first year of this MOU, a two to three-year work plan will be established by the Coordinating Committee on a consensus basis, with prioritized initiatives and delivery timelines. This work plan will be updated by the Coordinating Committee on an annual basis.

## **6. PROSPECTIVE AREAS FOR FUTURE ACTION:**

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

- (a) Implementing energy efficiency “best practices”
- (b) Recognition and awards program
- (c) Operator training and education/awareness initiatives
- (d) Construction methods, techniques and processes that reduce GHG emissions (such as those in the TAC Canadian Guide for Greener Roads), and
- (e) Baseline development.

## **7. COMMUNICATIONS:**

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

## **8. ENFORCEABILITY:**

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

## **9. AMENDMENT:**

9.1 This MOU may only be amended by the written consent of the Parties.

## **10. MONITORING:**

10.1 The Parties will meet on an annual basis to review and assess the operation and effectiveness of this MOU.

**SIGNATURES:**

**ORIGINALS** Signed by the authorized officers of the Parties:

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Deputy Minister of Alberta Environment and Sustainable Resource Development

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Deputy Minister of Alberta Transportation

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Chief Executive Officer of Alberta Roadbuilders and Heavy Construction Association