



**MEMORANDUM OF UNDERSTANDING BETWEEN
THE MINISTRY OF PETROLEUM AND NATURAL GAS OF THE REPUBLIC OF INDIA
AND THE DEPARTMENT OF NATURAL RESOURCES OF CANADA
CONCERNING COOPERATION IN THE FIELD OF PETROLEUM AND NATURAL GAS**

THE MINISTRY OF PETROLEUM AND NATURAL GAS OF THE REPUBLIC OF INDIA AND THE DEPARTMENT OF NATURAL RESOURCES OF CANADA, hereinafter referred to as the "Participants",

RECALLING the Joint Statement on the occasion of the State Visit to India of the Right Honourable Stephen Harper, Prime Minister of Canada, released on November 6, 2012, which specifies that a key focus of bilateral engagement should include enhanced cooperation in energy, in particular, joint efforts to develop capacities to maximize the utilization of energy resources ranging from oil and gas to new hydrocarbon resources such as oil sands, shale gas and other sources of energy;

RECOGNIZING India and Canada's shared desire to deepen their bilateral energy relationship through a Ministerial Energy Dialogue between the Planning Commission of India and the Department of Natural Resources of Canada, announced by the leaders of both countries, as per the Joint Statement of November 6, 2012;

STATING their mutual desire to build on the long-term and successful relationship already established between India and Canada in the field of energy, including through bilateral mechanisms such as the *Memorandum of Understanding between the Ministry of Power of the Republic of India and the Department of Natural Resources of Canada concerning Cooperation in the Field of Energy*, signed at Delhi on November 17, 2009;

UNDERSTANDING that the cooperative projects under this Memorandum of Understanding (MOU) will be consistent with the provisions of the *Agreement for Scientific and Technological Cooperation between the Government of the Republic of India and the Government of Canada*, done at Toronto on November 18, 2005;

HAVE REACHED the following understanding:

1. The purpose of this MOU is to establish a framework for discussions on petroleum and natural gas issues between the Participants with the view to advance the trade and investment ties between India and Canada, enhance energy security and increase cooperation.

2. The Participants understand that their cooperation under this MOU may include the following areas of interest:
 - (a) Increased Two-Way Trade and Investment

Identify and promote the conditions necessary to increase bilateral trade and investment in the oil and gas sector and work to improve market access for support services, as well as petroleum and natural gas imports and exports.
 - (b) Energy Security through Market Diversification

Promote diversification of energy supply and demand, and work to facilitate investment, production and development of new and unconventional sources of petroleum and natural gas, including oilsands, shale liquids, Coal Bed Methane and exploring the potential and techno-economic viability of Canadian liquefied natural gas (LNG) exports to India.
 - (c) Balanced Regulatory Frameworks

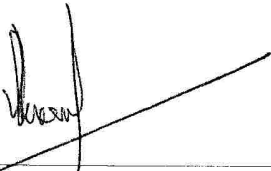
Provide a forum for discussion and exchange of information on petroleum and natural gas policies, programs and regulatory practices of India and Canada to encourage the balanced and sustainable development of these resources.

3. The Participants understand that their cooperation under this MOU may take the following forms:
 - (a) Promoting technical cooperation in the development of petroleum and natural gas resources, including sharing advances in new and emerging technologies, training and exchange of technical experts and information, carrying out joint research and holding of workshops;
 - (b) Encouraging and facilitating cooperation among Indian and Canadian energy companies, including investment in the development of new and unconventional hydrocarbon resources (like oilsands, shale liquids, LNG) and other integrated projects on subjects of mutual interest in the form of joint ventures, partnerships or other as appropriate;
 - (c) Liaising with states, provinces/territories, industrial, academic, professional, and other entities and experts, where appropriate; and
 - (d) Other forms of cooperation as they may mutually decide upon.

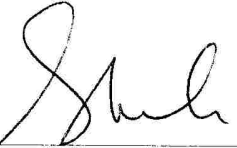
4. The Participants will establish a Petroleum and Natural Gas Working Group (the "Working Group") to manage this MOU. The Participants understand that:
 - (i) The Working Group will be co-chaired by the Additional Secretary of the Ministry of Petroleum and Natural Gas of India and the Assistant Deputy Minister Energy Sector of the Department of Natural Resources of Canada.

- (ii) The Working Group will implement cooperative activities under this MOU and will receive strategic direction and overarching priorities from the Ministerial Energy Dialogue between India and Canada.
- (iii) The Working Group will meet in principle annually, alternating between India and Canada, and the meeting will be chaired by the host Participant.
- (iv) Upon the mutual consent of both Participants, the Working Group may invite industry and other state and provincial/territorial government entities to participate in the meetings.
5. (a) Each Participant will pay for the costs it incurs under this MOU, unless the Participants decide otherwise in writing.
- (b) The Participants understand that activities under this MOU are subject to the availability of their respective funds and resources.
6. The Participants may conclude Implementing Arrangements that will set forth the timing and scope of cooperative projects and any other matters on which their mutual consent may be desirable.
7. This MOU is not legally binding.
8. (a) This MOU will enter into effect upon its signature by both Participants and will remain in effect for five (5) years.
- (b) The Participants may extend or amend this MOU upon their mutual written consent.
- (c) Either Participant may terminate this MOU at any time by giving a three (3) months written notice to the other Participant. The Participants understand that the termination of this MOU will not affect the completion of cooperation activities initiated while it was in effect, unless otherwise mutually determined in writing.

SIGNED in duplicate at *Ottawa*, this *28th* day of *October* 2013, in the English, French and Hindi languages, all versions being equally valid.



FOR THE MINISTRY
OF PETROLEUM AND NATURAL GAS
OF THE REPUBLIC OF INDIA



FOR THE DEPARTMENT
OF NATURAL RESOURCES
OF CANADA