

## SPONSORSHIP AND MEMBERSHIP

|                         |                        |
|-------------------------|------------------------|
| <b>Platinum</b>         | Two board seats        |
| <b>Gold</b>             | One board seat         |
| <b>Silver</b>           | Elected representative |
| <b>Associate Member</b> | Centre assistance      |

## SPONSORS (PARTIAL LISTING)

- **Petróleos de Venezuela, S.A.**
- **United States Department of Energy**
- **China National Petroleum Corporation**
- **SINOPEC**
- **Suncor Inc.**
- **Natural Resources Canada Centre for Mineral and Energy Technology (CANMET)**
- **Atlantic Richfield Company**
- **Alberta Department of Energy**

## FOR MORE INFORMATION

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## INTERNATIONAL CENTRE FOR HEAVY HYDROCARBONS



PROMOTING DEVELOPMENT  
OF HEAVY OIL, OIL SANDS,  
BITUMEN AND RESIDUUM  
FOR THE 21ST CENTURY

## THE INTERNATIONAL CENTRE

for Heavy Hydrocarbons is a nonprofit, international organization with the mission of promoting responsible development of technologies to convert worldwide heavy oil, oil sands, oil shale, bitumen and residuum resources in an efficient, economical and environmentally sound way to high-value, clean products that meet the world's demand for energy in the 21st century.

The Centre is a prototype of cooperation between national and private companies, governments and other organizations. By its very existence, the Centre has created an organization which avoids the politics and agendas of individual members and provides a gateway to develop international trust and understanding.

## CENTRE GOALS

- Provide interaction among governments, developers, investors and the industrial/technical/academic sectors on an international basis.
- Identify heavy oil, oil sands, bitumen, oil shale and residuum resources and facilitate their efficient, economical and environmentally sound development and use.
- Facilitate the exchange of technical resources and information on heavy oil, oil sands, bitumen, oil shale, and residuum sources.
- Provide training programs for heavy oil, oil sands, bitumen, oil shale, and residuum development and use.
- Focus efforts on underdeveloped resources and technologies to convert products to higher value, clean energy sources.
- Use advances in technology such as computers and the Internet to bridge the world's language, time, and location barriers in training and communication.

## WHY HEAVY OIL?

All crude oils contain some heavy hydrocarbons but knowing the location of the world's trillions of barrels of bitumen and heavy oil is not enough to economically and efficiently convert it into clean products that will meet the world's growing energy during the 21st century.

## CENTRE HISTORY

The Centre grew from delegates recommendations at the First International Conference on the Future of Heavy Crude Oils and Tar Sands, Edmonton, Alberta, Canada, June 4-12, 1979.

In 1981 the United Nations Institute for Training and Research and United Nations Development Program (UNITAR/UNDP) Information Centre for Heavy Crude and Tar Sands was established under the UN umbrella in New York City. The Centre initially served as an information agency to raise the profile of these important and widespread resources among the international energy community. The Centre was unique in that it was the first all-industry supported Centre to be operated under UNITAR. In 1993, the Centre became UNITAR Centre for Heavy Crude and Tar Sands and moved to Edmonton, Alberta in an effort to reduce costs, and build closer ties to better serve the industry. During 1993-1998 the Centre conducted training courses throughout the world. In 1997, the UN moved the Centre to Tulsa, Oklahoma, to comply with UN regulations for hosting the Centre.

Before the October 1998, 7th International Conference on Heavy Crude and Tar Sands, Beijing, China, the Centre's Governing Board voted (1) to continue the Centre but refocus with more emphasis on business development, and (2) to disassociate from the UN. Thus on January 1, 1999, the International Centre for Heavy Hydrocarbons was established as an evolutionary successor to the UNITAR Centre.

## CENTRE FUTURE

Centre serves a diverse group of sponsors who often compete in the same market. All sponsors share the desire to promote exchange of technical information regarding heavy hydrocarbons to facilitate the worldwide development and best use.

Centre future is guided by a consensus or the common ground among the Board of Directors. The Centre addresses individual companies' and governments' goals in today's dynamic world energy market that demands sustainable, low-cost, clean fuels to drive the world's economy.

## CENTRE PRODUCTS

- **Website:** <http://www.oildrop.org>
- Seven international conferences on heavy crude and tar sands
- Series of four round robin chemical standardization of analysis of heavy crudes and bitumen by international laboratories
- Worldwide heavy oil, bitumen and oil shale resource databases
- Crude oil database, refinery database
- Worldwide network of energy (upstream, downstream) professionals, governments, developers, investors and academicians
- Technical studies: definitions, royalty issues, upstream and downstream issues, and environmental stewardship and remediation
- Short courses - classroom and Internet based

## CENTRE PROJECTS 1999-2000

- **Establish international Centre as nonprofit organization**
- **Plan 8th International Heavy Crude and Oil Sands Conference, Alberta, Canada in 2001**
- **Plan and fund year 2000 Base Program and Optional Projects**
- **Research and present general and technical presentations**
- **Build website to provide resources to sponsors and the world**