



## creating value for the industry

PTAC offers a variety of services to its members and the upstream hydrocarbon energy industry. For more information on PTAC's value please visit PTAC's web site at [www.ptac.org/memser1.html](http://www.ptac.org/memser1.html).

### facilitate

*"The PTAC approach to facilitating collaboration for R&D and technology transfer has been extremely successful. Not only has it worked well for many technology areas, from IT to reservoir optimization, but also for all industry participants, from producers to service companies to R&D providers to government."*

Frank J. McIntyre,  
Husky Energy Inc.

*"Since its establishment PTAC has done a marvelous job of identifying research and development projects needed to progress the energy industry in Alberta and Canada beyond its already strong capability. PTAC has been instrumental in facilitating interaction between industry groups and research providers."*

Dr. Thomas Harding,  
University of Calgary

*"PTAC is a valued partner and industry contact. They are consistently able to bring together the knowledge and resources of industry, government and technology research to tackle tough issues in upstream oil and gas. The collaborative approach provides a win:win for all."*

Lynn Sveinson,  
Climate Change Central

### contact us

PTAC Petroleum Technology Alliance Canada  
Suite 700, Chevron Plaza, 500 Fifth Ave. S.W.  
Calgary, Alberta T2P 3L5

phone: (403) 218-7700, fax: (403) 920-0054  
email: [info@ptac.org](mailto:info@ptac.org), web: [www.ptac.org](http://www.ptac.org)

### Ongoing R&D Projects

PTAC facilitated 23 Research and Development (R&D) projects or project phases in 2004. PTAC provides a neutral forum for industry to: identify opportunities, problems and potential solutions that require research or technology development, solicit proposals and launch projects. PTAC also ensures existing R&D is identified to raise industry awareness and minimize duplication. R&D proposals that meet the research or technology criteria are invited to present their proposal in a fair hearing of interested industry contacts. Please see [www.ptac.org/projects1.html](http://www.ptac.org/projects1.html) for a current list of projects.

### network

#### Technology Information Sessions

PTAC facilitated 18 Technology Information Sessions attended by over 900 participants in 2004. PTAC facilitates Technology Information Sessions for members to: solicit interest, feedback, participation or potential funding for new R&D projects; find industry partners to complete proposed R&D or technology development (such as field test or pilot sites) or to report on field test or pilot results; provide information on technology-related services; and market new technology to the Canadian oil and gas industry. More information is available at [www.ptac.org/tis1.html](http://www.ptac.org/tis1.html).

### Forums, Workshops and Conferences

A total of over 1300 participants attended nine forums, workshops and conferences hosted by PTAC in 2004. This includes the Sixth Annual Unconventional Gas Conference hosted by CSUG and facilitated by PTAC.

PTAC forums focus on specific needs or technical areas. Information is shared on new technologies, case studies, and the objectives and results of current research.

PTAC conducts workshops to provide opportunities for participants to clearly define R&D issues, to identify potential solutions and to select the best approach to move forward. Potential suppliers of R&D have the opportunity to hear firsthand about issues and to contribute their expertise and ideas for solutions. PTAC hosts the workshops and provides the necessary facilitation, administrative support and coordination to launch projects. When identified, PTAC issues Request for Proposals (RFPs) and Expressions of Interest for each priority issue. Once those who will consider supporting the R&D have been identified, proposals are solicited from potential suppliers. PTAC brings together the interested organizations in a structured way that leads to new R&D, while protecting proprietary interests. Please see [www.ptac.org/forums1.html](http://www.ptac.org/forums1.html) and [www.ptac.org/workshops1.html](http://www.ptac.org/workshops1.html) for more information.

### exchange

**Eric Lloyd**  
President  
phone: (403) 218-7701  
[ellloyd@ptac.org](mailto:ellloyd@ptac.org)

**Denis Gaudet**  
Director, Technology Transfer  
phone: (403) 218-7710  
[dgaudet@ptac.org](mailto:dgaudet@ptac.org)

**Arlene Merling**  
Manager, Operations  
phone: (403) 218-7702  
[amerling@ptac.org](mailto:amerling@ptac.org)

**Lorie Frei**  
Operations and  
Web Site Administrator  
phone: (403) 218-7707  
[lfrei@ptac.org](mailto:lfrei@ptac.org)





### PTAC Knowledge Centre

The PTAC Knowledge Centre provides public access to non-proprietary technical information on commercially available upstream oil and gas related technologies. The collection focuses on resources to support the TEREI initiative that facilitates sustainable, eco-efficient, and GHG-reducing technologies.

In 2004, the Knowledge Centre acquired a subscription to access 13 core energy and premier technical databases. The Information Specialist offers support by providing literature searches and documents to technical steering committees, project performers, researchers and others, to help identify technologies and research needs, avoid duplicate research, monitor industry trends and prepare for meetings and make informed decisions.

Knowledge Centre services include literature searches, search alerts, contact information for subject experts in industry, government and academia, and information on local, national and international events.

PTAC members are invited to provide non-proprietary technical information, in hard copy or electronic format, to PTAC for display in the Knowledge Centre. Relevant materials are accepted on an ongoing basis.

inform

### Technical Committees

PTAC's technical committees help to identify opportunities for research and technology development; raise awareness of existing R&D; find solutions including soliciting proposals and launching new projects; and inform appropriate industry people of new R&D proposals.

PTAC facilitated committees:

- Air Issues Research Planning Committee
- CO<sub>2</sub> Enhanced Hydrocarbon Recovery (EHR) Steering Committee
- Drilling Innovators Advisory Group
- Driving Safety Working Group
- Ecological Research Planning Committee
- Natural Gas and Conventional Oil Recovery (NGCOR) Energy Innovation Network (EnergyINet) Advisory Group
  - EnergyINet Increased Recovery of Oil and Gas Business Case Working Group
- Soil Research Planning Committee
  - Salinity Working Group
  - Weathered Hydrocarbon Project Committee
- Technology for Emission Reduction and Eco-Efficiency (TEREE) Steering Committee
  - TEREI Marketing Subcommittee
  - TEREI Project Evaluation Subcommittee
- Water Innovation Planning Committee

innovate

### PTAC Technical Areas

PTAC has 22 technical areas and requires participation from senior technical people to identify important issues that require technology transfer or R&D. To obtain more information please contact PTAC.

- CO<sub>2</sub> Hydrocarbon Enhanced Recovery
- Coalbed Methane / Unconventional Gas
- Drilling
- e-Business
- Emission Reduction / Eco-Efficiency
- Energy Efficiency
- Environment
- Fundamental Research
- Health and Safety
- Heavy Oil
- Inactive Wells
- Innovation
- Instrumentation / Measurement
- Natural Gas Production
- Oil Production
- Oil Sands
- Pipelines
- R&D Funding
- Reservoir / Geoscience
- Security
- Telecommunications
- Well Completion

collaborate

*"The CO<sub>2</sub> committee within PTAC has provided a valuable forum for companies producing, using or disposing, and transporting CO<sub>2</sub> to discuss opportunities and challenges related to their respective areas of interest."*

Larry Frederick,  
Devon Canada Corporation

**Brenda Belland**  
Information Specialist,  
Knowledge Centre  
phone: (403) 218-7712  
bbelland@ptac.org

**Heather Traub**  
Innovation and  
Technology Coordinator  
phone: (403) 218-7704  
htraub@ptac.org

**Tannis Such**  
Environmental  
Research Coordinator  
phone: (403) 218-7703  
tsuch@ptac.org

**Eryn Rizzoli**  
Innovation and  
Technology Coordinator  
phone: (403) 218-7708  
erizzoli@ptac.org

**Ralf Aggarwal**  
Technology  
Transfer Coordinator  
phone: (403) 218-7711  
raggarwal@ptac.org

