

Alberta's Energy Products and Services Sector

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Wide-ranging Sector

- Oilfield Equipment
- Oilfield Services
- Research and Development
- Oil and Gas Technologies



Over 3000 equipment and service firms supplying the needs of the:

- Conventional Oil Industry
- Conventional Gas Industry
- Unconventional Oil: Heavy Oil and Oil Sands Industries
 - Mining, SAGD, Huff and Puff, VAPEX, CHOPS, THAI, etc.
- Unconventional Gas Industry



Key Sector Challenges

- **Technology solutions urgently needed to address issues in heavy oil extraction**
 - **Water – Access and Consumption**
 - **Natural gas**
 - **Environmental impacts**
 - **Enhanced recovery**
- **Productivity/Capacity Constraints**
 - **low technology**
 - **process improvements needed**



Few Key Sector Associations

- Canadian Heavy Oil Association
- Canadian Society for Unconventional Gas
- Petroleum Technology Alliance of Canada
- Petroleum Services Association of Canada



Alberta R&D Infrastructure

- Alberta Energy Research Institute
(www.aeri.ab.ca)
- Alberta Research Council (www.arc.ab.ca)
- Canadian Oil Sands Network for Research and Development (CONRAD) (www.conrad.ab.ca)
- C-FER Technologies (www.cfertech.com)
(subsidiary of Alberta Research Council)
- Universities and Technical Institutes



Key Publications and BD Tools for Energy Products and Services

- Alberta Heavy Oil and Oil Sands Guidebook and Directory
- Nickle's Canadian Oil Register
- Canadian Oilfield Service and Supply Directory
- Alberta Oil
- Oilsands Review
- Oilweek
- Industry Development (us)



Thank you!

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