



PTAC

**PETROLEUM
TECHNOLOGY
ALLIANCE
CANADA**

PTAC Air Research Planning Committee Update

October 23rd, 2017



Air Research Planning Committee

Mandate

- **Identify existing or emerging issues of interest to industry, regulators, and other stakeholders involved in the upstream oil and gas industry**
- **Facilitate collaborative research and technology development in the upstream oil and gas industry**

Functions

- **Develop recommendations for research**
- **Co-ordinate project management of projects**
- **Promote resource sharing**
- **Communicate results of research projects**

Membership

- **Alberta Energy Regulator**
- **Alberta Environment and Parks**
- **CAPP and member companies**
- **Ministry of Economy, Saskatchewan**
- **Ministry of Natural Gas BC**
- **Natural Resources Canada**

Air Research Planning Committee

- **Projects done previously have shown the incredible value, both in the setting of environmental requirements and allowing overall regulatory burdened to be minimized where it makes sense to do so**
- **Historic and current PTAC (environmental) projects are available for viewing at <http://auprf.ptac.org/air/> and include project descriptions, updates, progress/final reports, RFPs, website and contact links**
- **The committee is evolving to consider issues around both the criteria air contaminants and methane, which are extremely linked**



Public Policy Issues – Industry Priorities for 2017

➤ Potential Areas for Research Projects

- Methane emission abatement options**
 - Advancement of innovative technology and methodology for:**
 - Screening approach to detect large volume leaks (“super-emitters”)**
 - Cost effective inspection frequency for small volume leaks (“routine”)**
 - Root causes of leaks and identified continuous improvement opportunities**
 - Results to support regulatory development**

- Emissions from hydraulic fracturing**



Air Research Planning Committee

Ongoing Needs

- **ARPC Awareness/Research identification**
 - **Cross Cutting Issues (both CACs and GHGs)**
 - **Development of an RFP (Request for Proposal)**
- **Leverage of Funding**
- **Increased involvement including:**
 - **Committee participation – both industry and governments**
 - **Act as Project Reviewer**
 - **Act as Project Manager**

For more information contact:

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Informative website – <http://auprf.ptac.org>

or contact:

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