

Methane Network

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Background

The Methane Network was created to unite and align R&D priorities for all stakeholders working on methane related initiatives

Objectives:

The objectives of the Network are to:

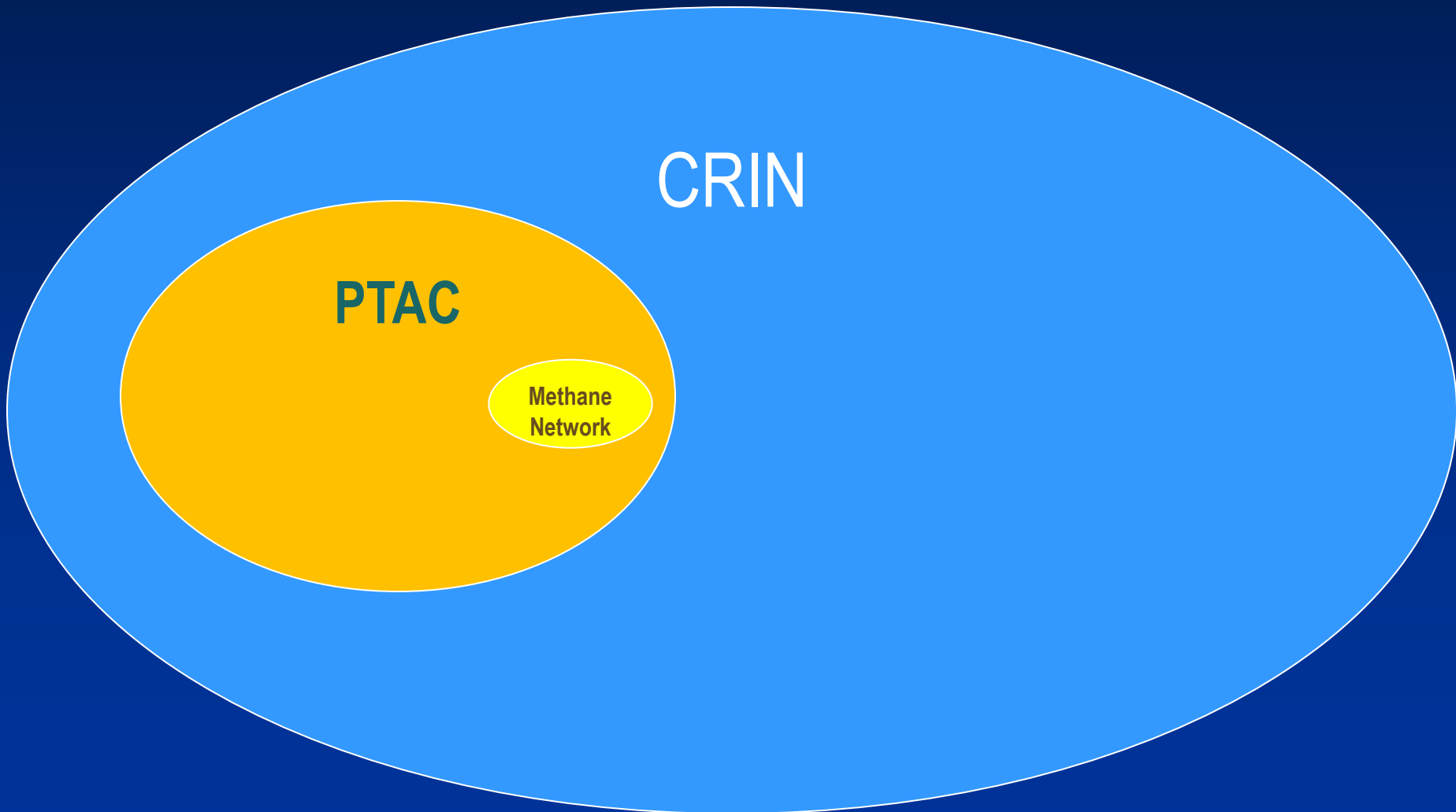
- Create an innovation ecosystem
- Align priorities
- Create an ideal platform

Partners

PTAC is in the process of contacting industry partners to collaborate on this initiative including, but not limited to, the organizations listed below:

Government <ul style="list-style-type: none">➤ ERA➤ ECCC➤ NSERC➤ NRCan➤ SRC➤ Alberta Innovates➤ Geoscience BC	Producers Industry Associations <ul style="list-style-type: none">➤ CAPP➤ COSIA➤ PSAC➤ CEPA
Regulatory bodies <ul style="list-style-type: none">➤ AER➤ BC OGC	Technology Providers Learning Institutions

Methane Network: A network within a network



Foundation of Existing Related PTAC Networks

Methane Emissions Reduction Initiatives

United Nations Environmental Program (UNEP): Methane and Black Carbon Reductions

Technology for Emissions Reductions & Eco Efficiency
TEREE

Methane Research Planning Committee (MRPC)

Well Abandonment

ARPC
Air Research Planning Committee

Nationally Appropriate Mitigation Actions Plan

GHG Emissions Reductions

Oil Sands

Alternative Energy Solutions

Clean Bitumen Technology Action Plan

Soil & Groundwater

Alberta Upstream Petroleum Research Fund

Ecological

Water

Reserves / Production

Tight Oil & Gas Network

Methane Reduction Oversight Committee
MROC

Measurement and Reporting Technical Committee

Leak Detection and Repair Technical Committee

Fugitive Emissions Technical Committee

Four Eco-Efficiency Technologies: An Example of PTAC Technologies Successfully Commercialized and Deployed which are Reducing Costs, and GHG Emissions



Current Benefit

- 164K cars off road annually
- \$25M/year value creation

Full Industry Uptake

- 4.9M cars off the road annually
- \$487M/year value creation

Focus Areas

- Fugitive Emissions
- Pneumatic Devices
- Tank Vents
- Compressor seals
- CHOPS Casing Gas Venting

Next Steps

- Methane technology roadmap workshop (October 2017)
- Prepare technology roadmap to identify technology gaps and develop focus technology areas (November 2017)
- Launch an RFP to target/address the technology gaps (December 2017)
- Prioritize potential technology projects (Q1 2018)
- Secure funds and sites for selected projects (Q2 2018)

Thank You

