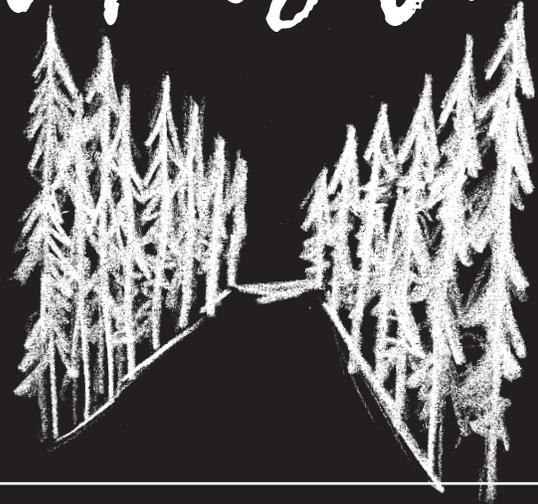




# VALUE FOR THE Energy Industry

fRI Research answers practical questions for the energy industry, and delivers useful tools to improve planning and operations. The science we do makes a difference to the bottom line of our partners by helping them meet their regulatory and social obligations. fRI Research is uniquely positioned to leverage funds to help answer key questions about operating on a busy landscape.



## WELL PADS AND SPECIES AT RISK

We found out how different well pad operations at different seasons are affecting caribou and grizzly bear behaviour.



## FOOTHILLS STREAM CROSSING PARTNERSHIP

Our protocol for mitigating stream crossings is recognized by the Government of Alberta and is being used by over 12 companies on 1300+ stream crossings.



## LEVERAGE RESEARCH FUNDS

In 2016, 7 energy industry partners had their funding matched with a \$1.4M NSERC CRD grant to study the effects of industrial disturbance on grizzly bears.



## EFFICIENT CARIBOU HABITAT RESTORATION

60,000+ km of seismic lines crisscross caribou habitat in west-central Alberta. We learned how to prioritize them for restoration to benefit caribou most.



## TAP INTO THE WATER PROGRAM

Our hydrology program's expertise in ground water management can provide watershed assessments and hydrology modeling.



## GIS TOOLS FOR WILDLIFE MANAGEMENT

Plug in operation plans, and our models produce maps of how caribou and grizzly bear habitat is affected, including mortality risks.



## BRINGING INDUSTRIES TOGETHER

Our Foothills Landscape Management Forum helps the energy and forestry industries collaborate to achieve the goal of integrated land management.



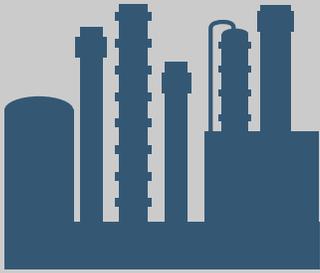
## FRESH IDEAS

We demoed a new approach to land management on a 300,000 ha area near Fort McMurray that uses disturbance as a tool for restoring a heavily developed landscape.



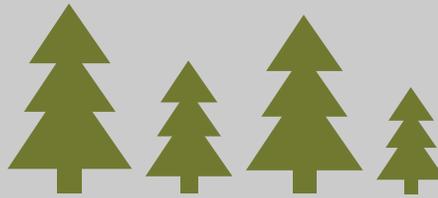
## STRENGTH IN NUMBERS\*

Being a program partner or a shareholder means joining a growing team that is working together to improve operations through integrated land management.



**20** energy industry partners and counting

Collaboration helps everyone. With more partners, we can collect more data across more of the landscape, leading to better science that has a greater impact.



**4 of 9** shareholders are energy companies

Get the benefits of integration between government, industry, and academia. Take a seat at the table and make sure that we're answering your questions.



**NEARLY \$1M** in annual funding from energy industry partners.

Don't go alone. Pick the projects that matter to you and leverage your funds by pooling with more than \$6M from other industries, governments, universities, and non-profits.



This year, the challenges of operating on a busy boreal landscape continued to increase. All parts of the oil and gas sector have a unique set of challenges, but as resource developers the questions we all have, and the scientific knowledge we all seek, are similar in nature. fRI Research's collaborative approach provides us with the unique tools, research, and knowledge that we are looking for to support our resource access.

*Jesse Kirillo, External Relations, Repsol*

## SOCIAL LICENSE

The energy industry has long understood that they are sharing the land—with workers in other industries, with the public enjoying the outdoors, and with thousands of other species. Industry must be a trusted steward for all these values and that trust is built through continual improvement in their practice, based on strong science.

fRI Research has delivered that practical science for the energy industry for 25 years.

\* Data from 2016. Numbers vary annually