Public Lands, Private Conservation:

Perspectives from the Oil and Gas Sector

AACO Member Companies:

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AACO Workshop – 20 October 2015
Outline

• Who? – Oil and Gas sector

• Why? – Business case

• Why? – Public Lands

• How? – Our Experience/Challenges
Who? – Oil and Gas Sector
Why? – Beyond Philanthropy
Why? – Business Case for Offsets
Why? – Public Commitments

Conserve environmentally sensitive boreal habitats

Teck

Use offsets where appropriate

Vision to achieve a net positive impact on biodiversity

Regulated offsets, with banking
Why? – On Public Lands
Why? – On Public Lands

- Potential Thresholds
- Biodiversity Management Framework
- Landscape Management Plan
- Caribou Range Plans

"Alberta postpones oil and gas lease auction in endangered caribou range"
Why? – On Public Lands

• Finite amount of suitable private land
Why? – On Public Lands

• Enables offsets on Aboriginal traditional lands
How? – Examples on Public Lands

• Suncor/ConocoPhillips - Cabin Creek Pipeline (2005)
  • ~3:1 seismic line restoration

• Total – Joslyn Mine (2011)

• Shell – Jackpine Mine (2013)

• Enbridge – Northern Gateway Pipeline (2013)
How? – Habitat Restoration

- Modelling
  - Year 1
  - Year 2
  - Year 3
  - Year 4
  - Year 5

- Slash/Rollback

- Mounding

- Faster Forests

- Winter Planting

- >3 MM Planted
How? – Caribou Recovery

Predator Exclosure

Maternity Penning
How? – Investing In Research
Land Use Planning - Conservation Areas as Offsets?

- Tradeoff decisions made
  - Development vs. Conservation
  - 22% set aside

- Conservation Areas as (partial) offsets?
  - Compensate for industrial activity?
Challenges – Balance

• Offset all impacts?
  • Recognition of balanced values

• Tenure system
  • Regulatory requirement to develop
  • Conflicting government mandates
Challenges – Uncertainty

• Project Delays

• Stranded Resource
Challenges – Logistics

- Permitting
- Liability
- Safeguarding Restored Sites
- Multiple Land Users
Challenges – Currency
Challenges – Offsets vs. Stewardship

• Defining Additionality

“Stewardship” = Development + Protection
Possible Outcomes

- 3rd party (broker/banker)
  - Not our core business

- Clear regulatory direction (Feds vs. Prov.)
  - Incent conservation actions

- Fairness/Balance
  - All land users/impacts
Summary

• Compelling Business Case

• Future Footprint

• Balanced Solutions