



# FRI AGM Foothills Landscape Management Forum (FLMF)

Date: June 17, 2009

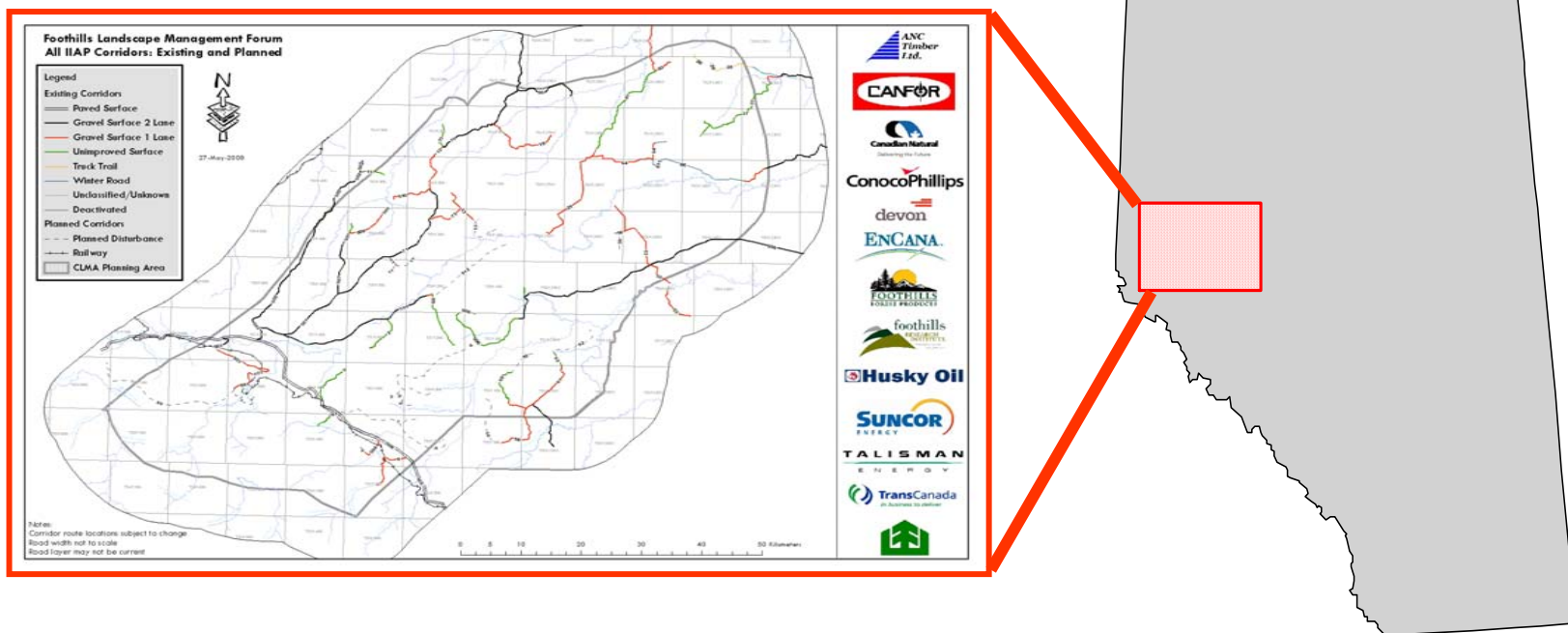


# Outline of Presentation

- FLMF background
- FLMF business plan 2009/10
- FLMF 2009 projects



# FLMF general geographic area



# FLMF Members

- **13 companies and 1 Aboriginal group (AWN) initiated the FLMF in 2005**
- **Alberta government: Acts as ex-officio/ advisory**
- **Industry Members**

**Forestry: Foothills Forest Products, Alberta Newsprint, West Fraser Hinton, and Canfor**

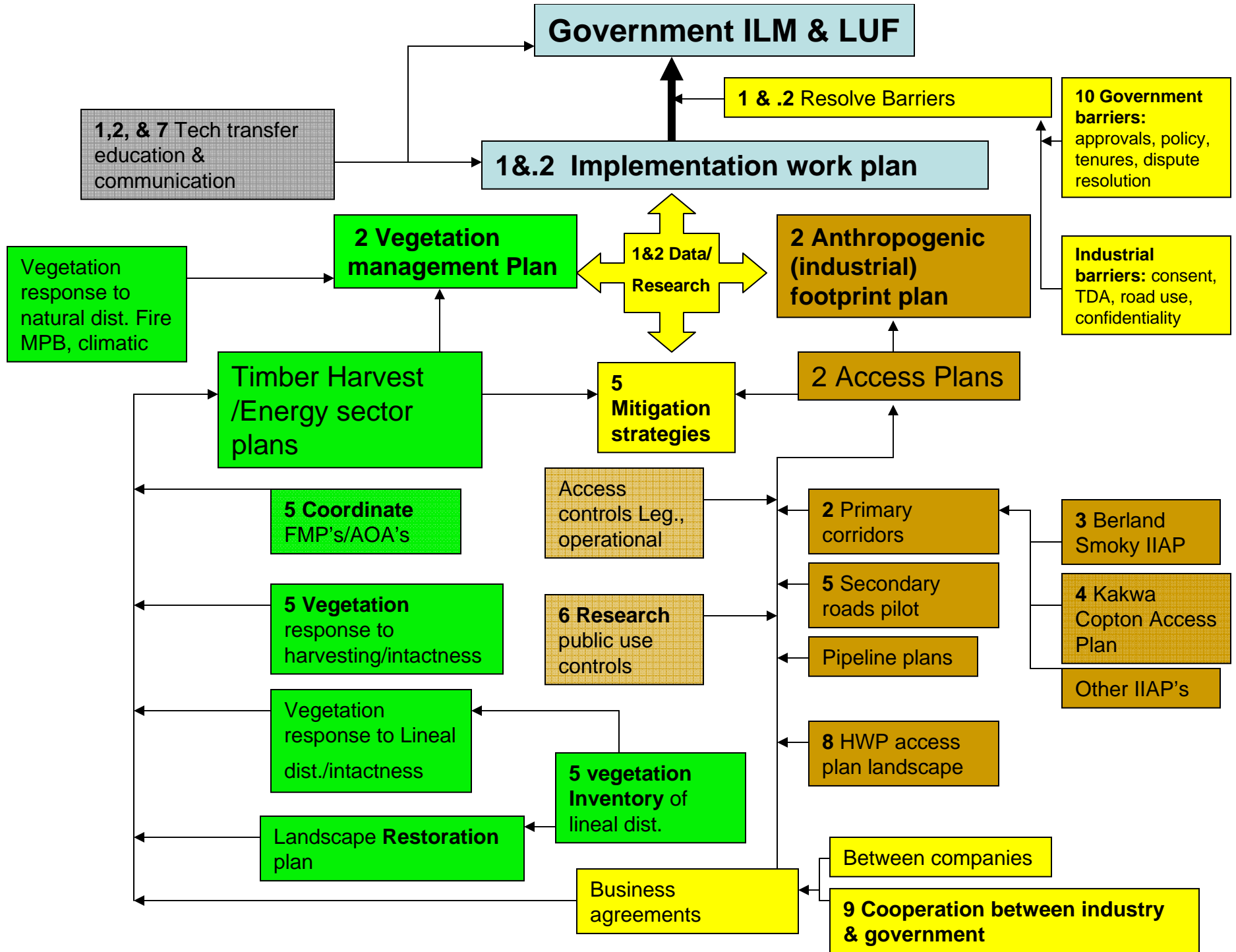
## **Gas & Oil**

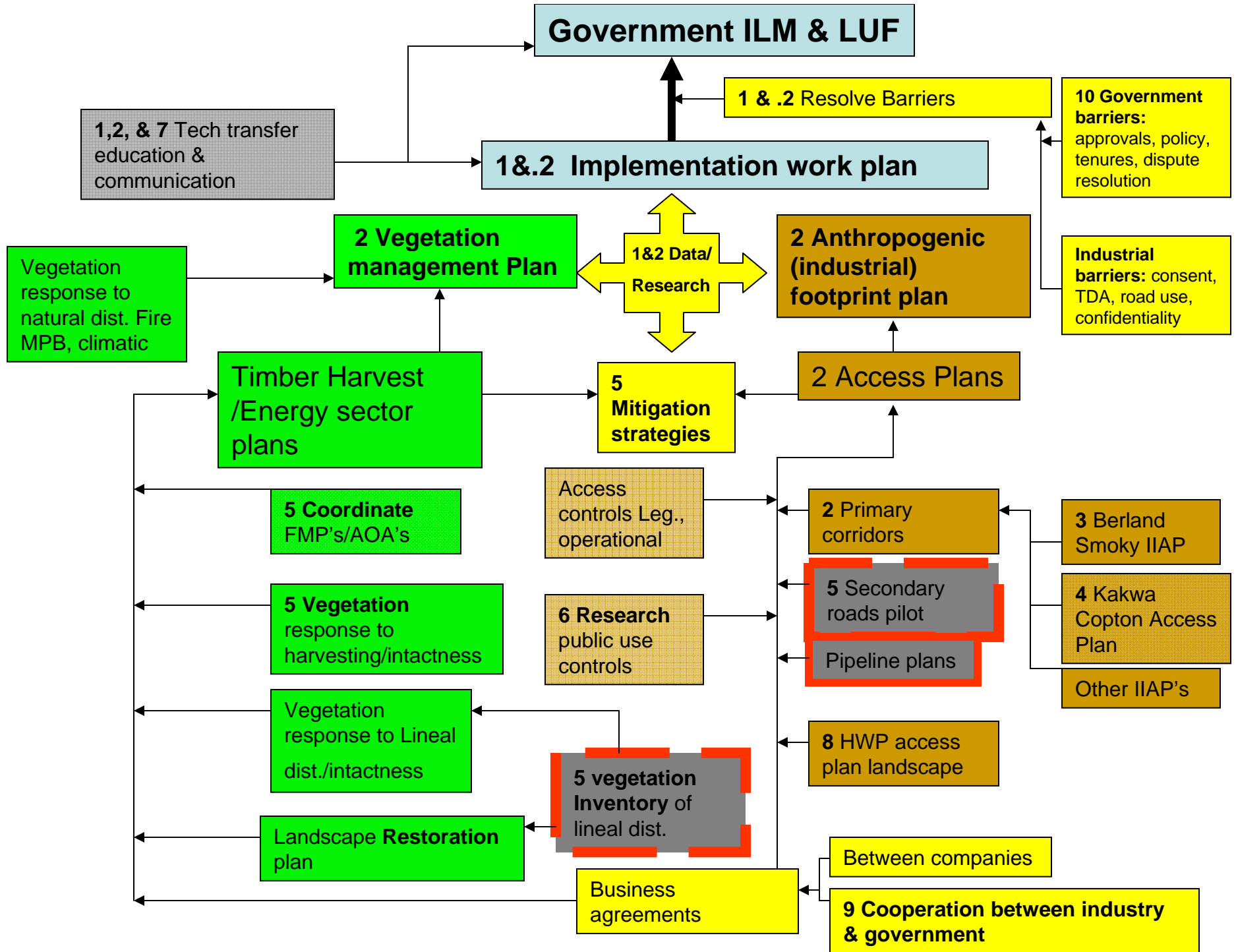
**– CNRL, ConocoPhillips, Encana, Suncor, Devon, Talisman, Husky, Shell, TransCanada Pipelines,**

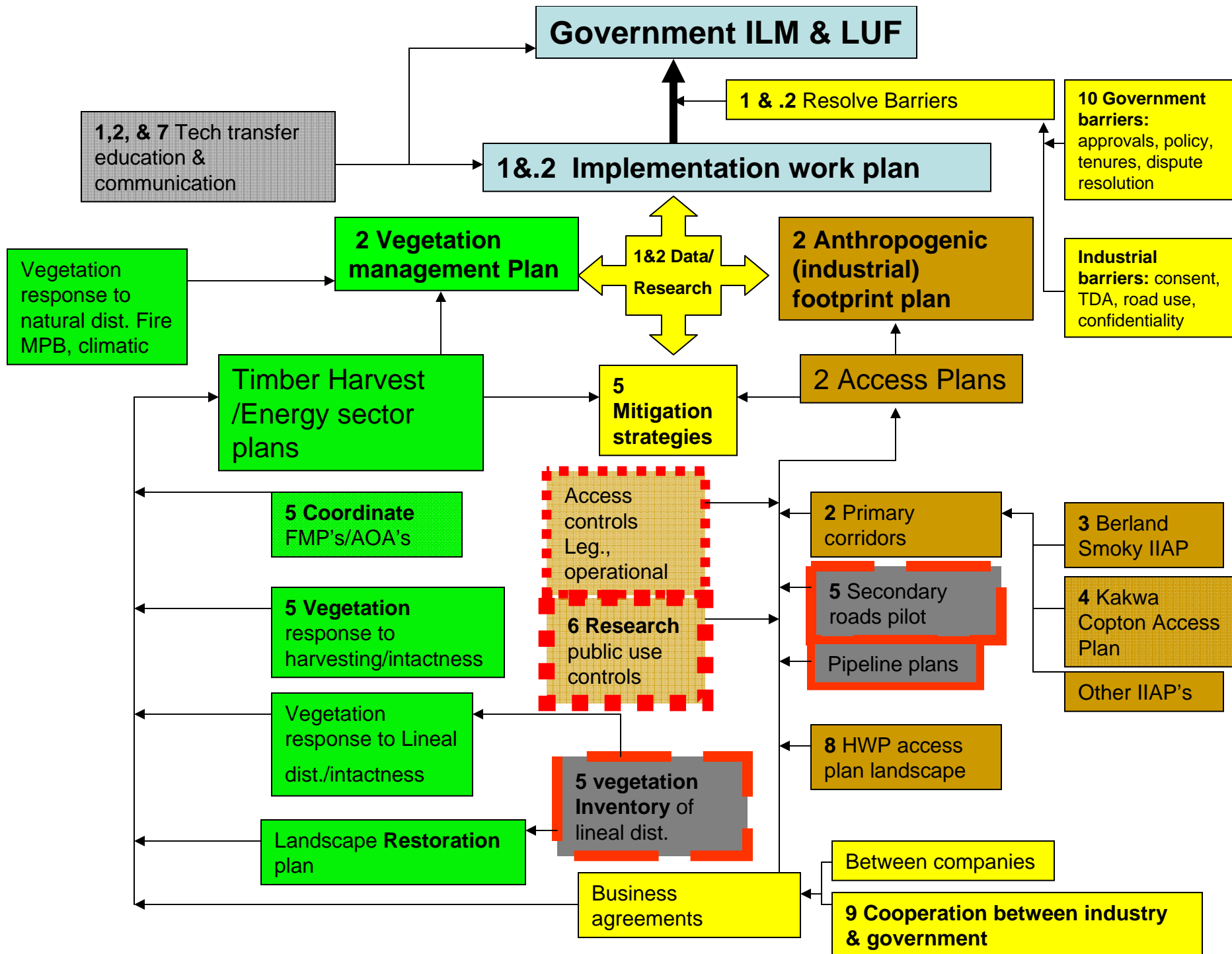
- **Other Partners are advisory**

# FLMF Goals

- Propose and implement solutions that work from both business and biological perspectives (Science based).
- Cooperate and integrate population and habitat management with the Alberta Government to recover caribou populations.
- Support and implement West Central caribou and grizzly bear recovery strategies and input into LUF sub regional plans
- Work within and recommend the development of new policy and regulation framework.
- Direct, support, use, and identify research gaps.
- Improve/increase funding for caribou monitoring and research.
- Be responsible corporate stewards participating in land management solutions (ILM)



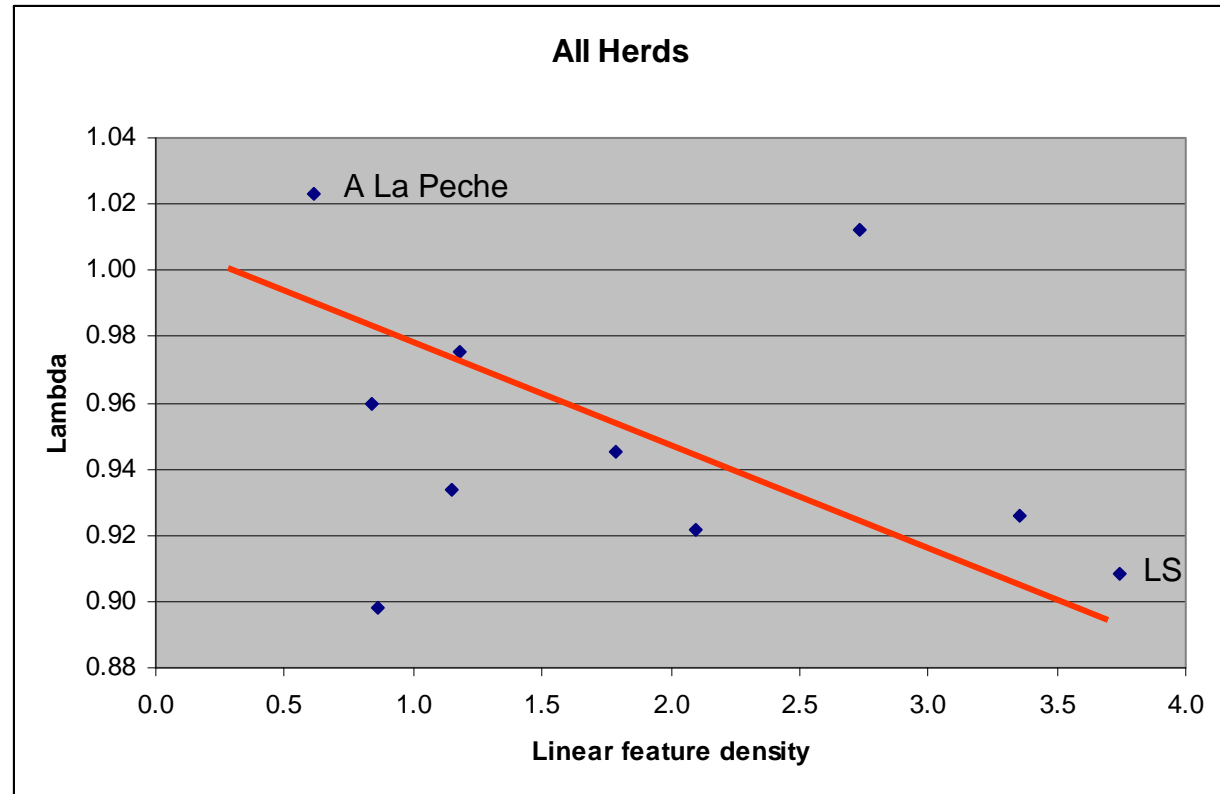




# Why historical seismic inventory?

Dr. S Boutin: 2009

“There is reasonable evidence to support the contention that linear features have some relation to caribou population growth.”



Source: BCC habitat model 2008

# Seismic lines lifespan used in Government Habitat models (BCC and ALCES)

Seismic Line Width (m)	User-Defined Lifespan (yr) **
1	4.00
2	11.50
3	20.00
4	31.50
5	45.50
6	70.00
7	100.00
8	100.00
9	100.00
10	100.00

Source: Dr. Brad  
Stelfox, Phil  
Lee

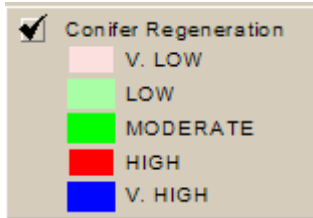
# Lineal Vegetation Inventory

Type	Variable	Description
Line structure information	Extent	The extent of the line that is expressed by the structure type 10 to 100% by 10% classes
	Adjacent Stand Type	The undisturbed area's that border the lineal feature
	Ecosite	According to the Alberta Ecosite Field Guides
	Distribution Vertical Height	How the structure type is expressed along the line: unbroken, twice broken, three times broken, four times broken, five or more times broken,
	Cover Class	The percent cover of the structure (10% cover classes)
	Pattern	Whether the expressed structure is continuous or discontinuous
	Vertical	Whether the structure has one or more vertical layers.
	Height	The height above ground of the structure for both the top and second layer if it exists

# Inventory use:

- Development of a landscape level restoration plan
- Access development decision making (i.e. Route selection)
- Quantify “open route” density
- Validate habitat modeling assumptions
- Design of specific research projects
- Etc.

# RESULTS Conifer Regeneration



# Regional Access Plan (RAP) PURPOSE

- To take ILM planning to the next level: Operational scale regional access plan.
- A “prototype” joint industry and ASRD new plan development approach that can be applied in other areas.
- Improved certainty and direction for industry and ASRD land use regulators
- Efficient and coordinated access to land and resources in the planning area
- A relative reduction of footprint on the landscape as compared to “plan as you go”

# **RAP PLANNING AREA**

- Encompass the Berland Smoky IIAP area
- Extend outward to include grizzly bear watershed units to allow for open route density considerations based on each unit
- Large enough to look at caribou intactness zones
- Gateway to the Willmore

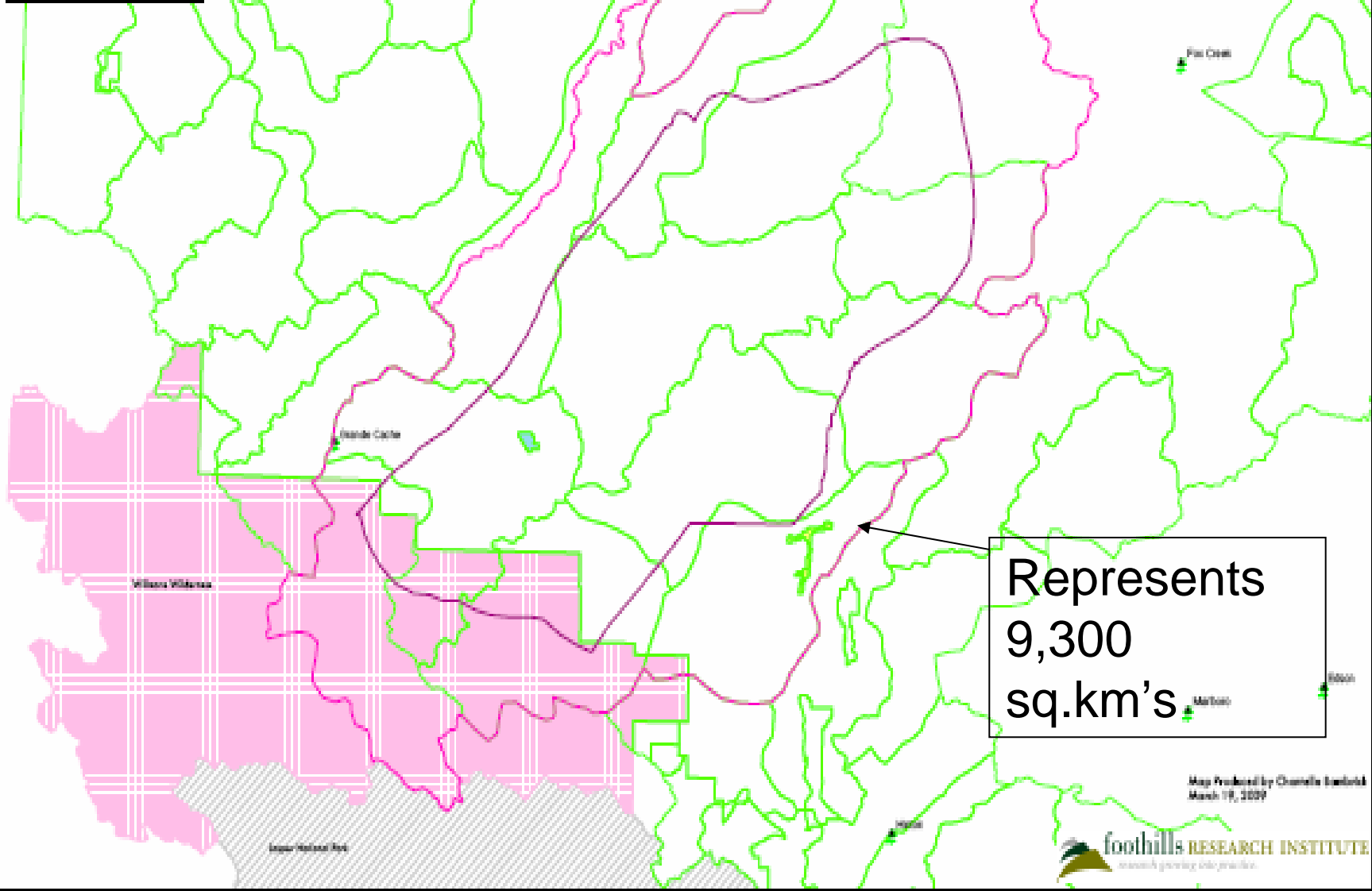
# Secondary Road Plan Boundary Options

1:600,000

- Legend**
- Secondary Road Plan Boundary - Option 2
  - SRMP Planning Area
  - Alberta Communities
  - Oilshale Bear Core and Remedial Areas
  - Proscribed Area
  - ISMP
  - Isper National Park of Canada
  - Peace River's Lakes
  - Peace Creek Corridor
  - Williams Villages

“Expanding the boundaries”

e



Represents  
9,300  
sq.km's

Map Produced by Chantelle Bamford  
March 19, 2009

# RAP GIVENS

- Resource development will occur in the area identified for this plan
- The plan that is developed is not in and of itself approval of access to the area, but it is a step in the approval process
- The plan will be developed under the leadership of SRD collaboratively with FLMF.
- SRD retains the authority to issue surface access approvals
- The plan will conform to the LUF

# RAP OUTCOMES

- Improved certainty and direction for industry and ASRD land use regulators
- Efficient and coordinated access to land and resources in the planning area
- A relative reduction of footprint on the landscape as compared to “plan as you go”

# **RAP OBJECTIVES**

- Implement and deliver on the West Central Caribou recovery plan for the A La Peche and Little Smoky caribou ranges for habitat and anthropogenic footprint.
- Implement and deliver the on access management elements of the Grizzly Bear Recovery Plan.

# RAP OBJECTIVES

- Assess the feasibility and utility of meeting these targets, identifying the opportunities, challenges, risks and benefits to industry and government of a target-based management approach.
- Suggest and test alternative strategies (e.g., restoration program, deferrals) to meet these targets. **Progress towards targets must be demonstrable within 5 years and projected over 20 years.**

# RAP OBJECTIVES

- Identify misalignments or get clarification regarding use and interpretation of the operational conflicts (e.g., FMA vs IL 2003-23 road standard)
- Inform and provide input into the LUF processes

# **RAP PROJECT MANAGEMENT**

- Co-Managed by FLMF & ASRD
- Lead by ASRD directors
- All disposition holders will be invited to participate through the FLMF

# RAP PROJECT DELIVERABLES

- Regional Access Development Plan
- Recommendations around the following processes/procedures, including:
  - integrated access management and mitigation strategies across a variety of planning processes and time horizons (e.g., DFMP, AOA, individual dispositions, etc.)
  - risk assessment/modeling
  - engagement and communication strategies
  - GOA approvals
  - data compilation, maintenance, and storage, and
  - monitoring and evaluation processes





A Partnership That  
Produces Results!

