



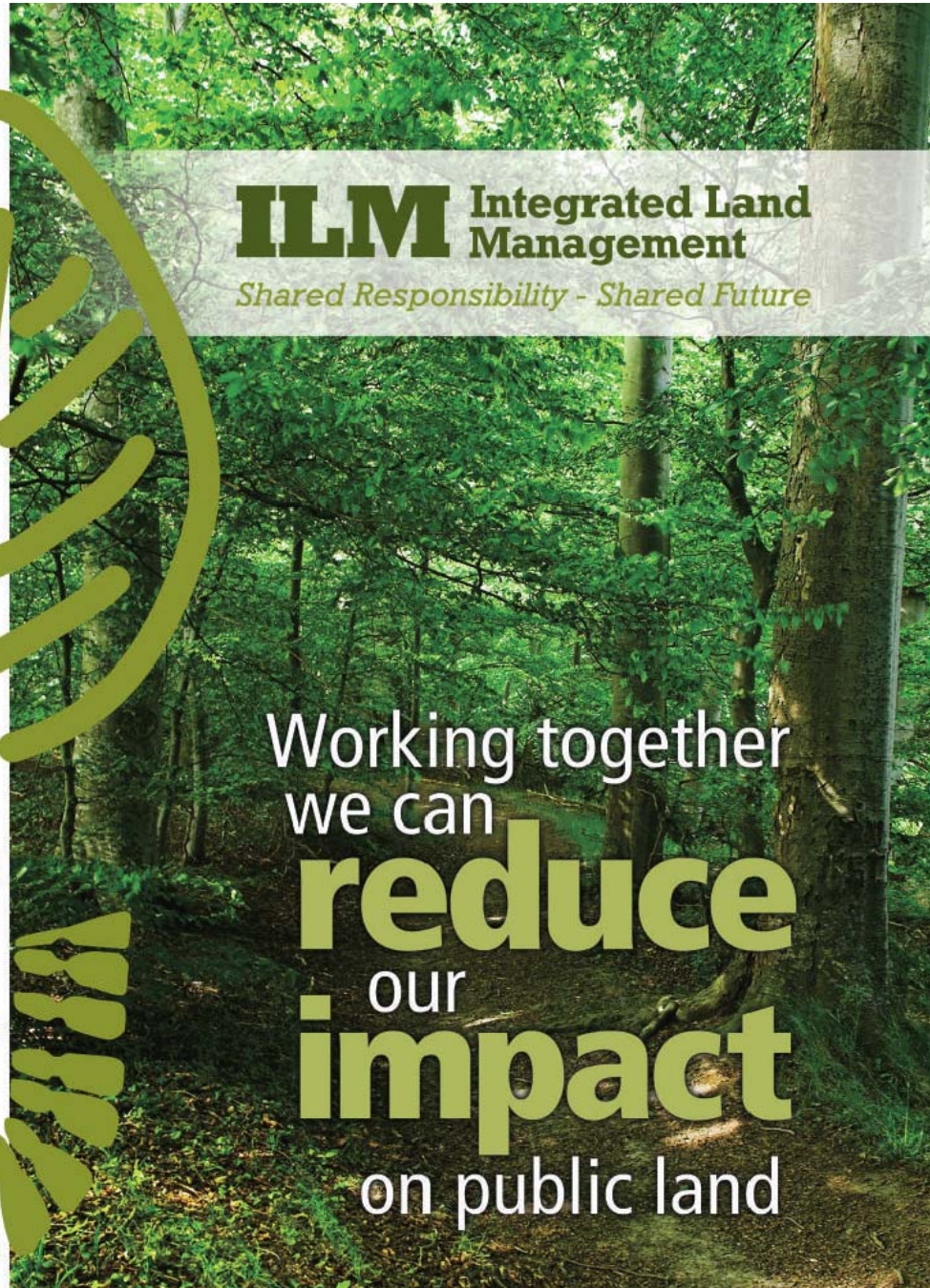
What is Integrated Land Management?



ILM Integrated Land
Management

Shared Responsibility - Shared Future

Working together
we can
reduce
our
impact
on public land



What is ILM?

- ILM is the strategic, planned way of doing business
- ILM is the approach
- ILM promotes the responsible use of public land



ILM is about managing the
impact of human use on ...

social

environmental

economic

... values.



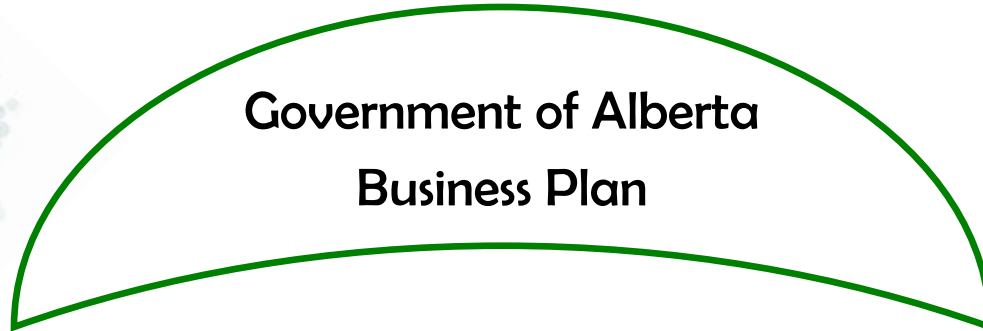
ILM is:

A cross-industry, cross-sector, cross-ministry effort to reduce/manage the human-caused footprint on *government-owned land* and related natural resources.



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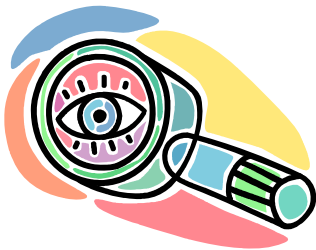
Linkage Between Government Initiatives



Land-use Framework



Cumulative Effects Management

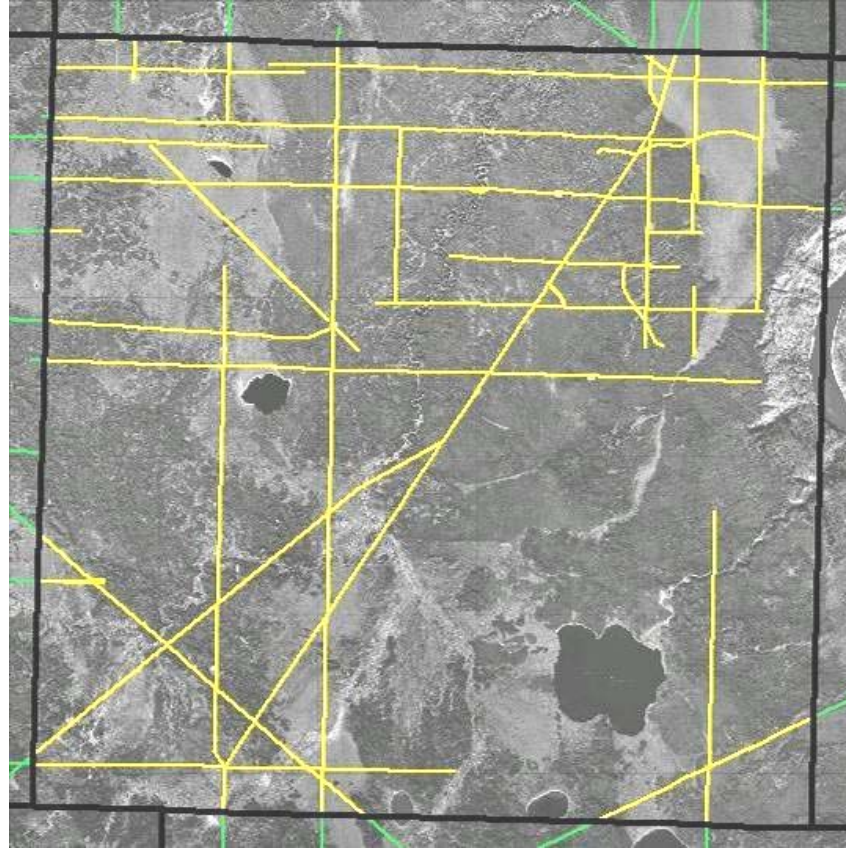


Integrated Land Management Program



Land and resource use activities

What Does Footprint Look Like?



Source: Aerial Photography, Government of Alberta (10 x 10 kms)

1.5 km/km² of Human-Made Footprint

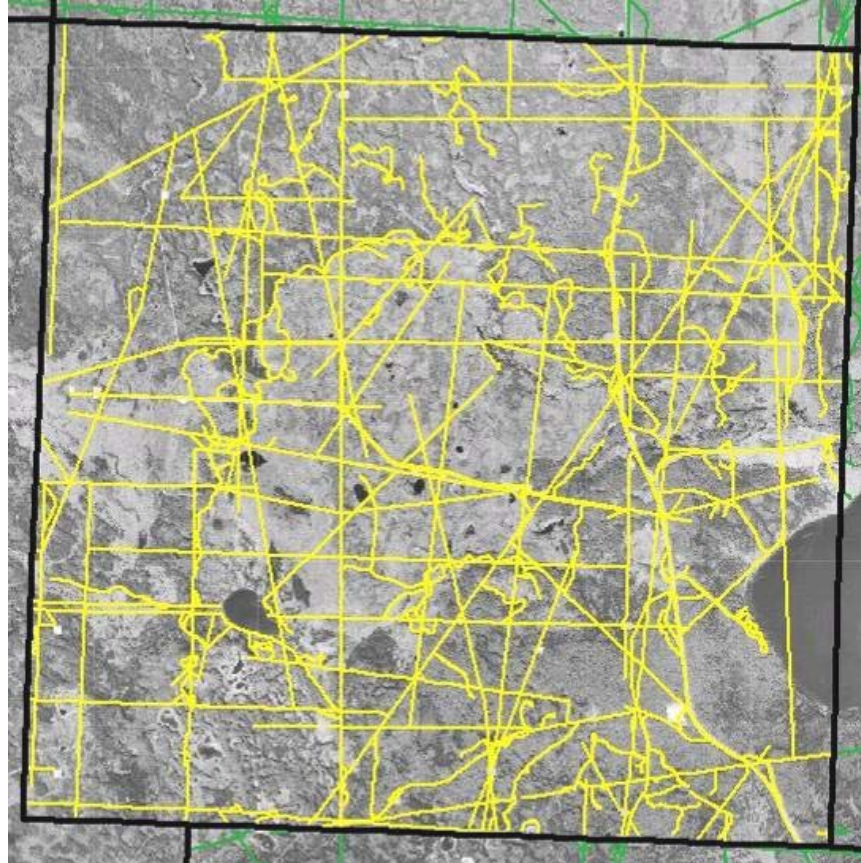
What Does Footprint Look Like?



Source: Aerial Photography, Government of Alberta (10 x 10 kms)

3.0 km/km² of Human-Made Footprint

What Does Footprint Look Like?



Source: Aerial Photography, Government of Alberta (10 x 10 kms)

4.0 km/km² of Human-Made Footprint

Outcomes

We want to achieve these outcomes:

- Human-caused disturbance on the land is *less* than the disturbance that would have occurred without integration.
- A stewardship ethic is demonstrated by *all* land users.



Operating Principles

Land managers and land users should:

1. Be comprehensive and balanced
2. Be collaborative and inclusive
3. Be responsible and accountable
4. Be consistent with the direction
5. Be informed by knowledge and science
6. Use adaptive management
7. Know the roles and responsibilities
8. Respect other land users



Who is responsible for ILM?

Land managers and land users both contribute to ILM.

- Managers apply ILM when they evaluate and approve land uses.
- Land users apply ILM when they conduct activities on the landscape.



Types of Land Managers



Public land used for industrial, commercial or other operations are managed under the *Public Lands Act* and the *Forests Act* by Alberta Sustainable Resource Development

Provincial highways, corridors and related infrastructure are managed by Alberta Transportation under the *Alberta Public Highways Development Act*

Provincial parks are managed under *Provincial Parks Act* by Alberta Tourism, Parks and Recreation

Numerous other departments also are responsible for public land management

ILM Integrated Land Management

Shared Responsibility - Shared Future

Types of Land Users

- **Government** has a responsibility to uphold ILM principles.
- **Commercial and industrial users** are responsible for using ILM principles while looking for ways to share their footprint.
- **The public** can contribute by practicing good land stewardship and by getting involved.



What Triggers the Need to Integrate?

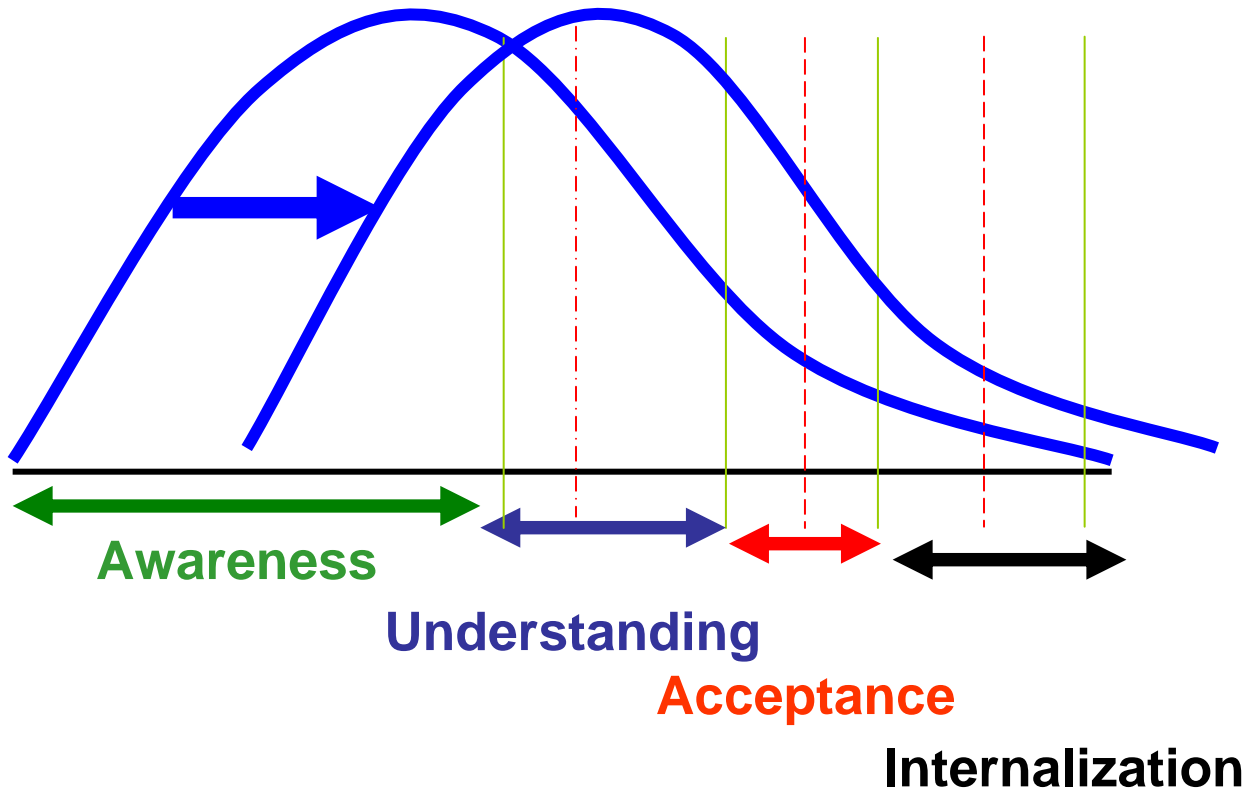
Whenever a land-related use overlaps or intersects another use on the same landscape.

For example:

- A commercial trail riding operation needs access through a grazing lease.
- The landscape used by a forest harvesting operation is also used by recreationists, and the land may also have ecologically sensitive areas.
- Two or more industrial land users (e.g. forest harvesting and gas extraction) need the same surface land base to access their allocated resources.



The Desired Behavior Shift



Tools on the Web

- Stakeholder Engagement Guide
- Description of Provincial Decision-Making Systems
- Communication tools
- Business rules for land users and land managers



ILM in Action

In northeast Alberta, forestry company Alberta Pacific combined efforts with oil and gas companies Opti-Canada and Nexen to create a shared access road.

[ALPac-Opti/Nexen Integrated Planning](#)

(runs 2 min, 53 sec)



ILM in Action

In the Ghost Waiparous Forest Land Use Zone, government, industry and recreation groups are working together to create a sustainable trail system for recreational use. That's ILM in action.

[Ghost Waiparous: Working Together to Share the Land](#)

(runs 5 min, 19 sec)

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ILM in Action

In Fort Assiniboine, Trident Exploration Company worked with the community when developing coal bed methane resources in the area. That's ILM in action.

[Early Engagement for Coal Bed Methane Development](#)

(runs 5 min, 16 sec)



ILM in Action

At Buffalo Lake, 55 km northeast of Red Deer, Sustainable Resource Development and lakeshore property owners and residents worked together to develop a shoreland management plan.

[Buffalo Lake Integrated Shoreland Management Plan](#)

(runs 3 min, 14 sec)



ILM in Action

In the Kakwa River watershed in northwest Alberta, 13 companies cooperated on building a shared access route, reducing their collective footprint by 45 per cent.

[Kakwa Copton Industrial Corridor Plan](#)

(runs 3 min)

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ILM in Action

In Alberta's forested regions, seismic operators are using GPS technology and other low-impact techniques to reduce the footprint of seismic exploration.

[Reducing the Impact of Seismic Exploration](#)

(runs 5 min, 22 sec)



Questions?

Visit:

<https://www.alberta.ca/integrated-land-management.aspx>

Email:

integrated.landmanagement@gov.ab.ca



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