A RESEARCH PARTNERSHIP: THE Foothills Model Forest and Jasper National Park

Kris McCleary
Foothills Model Forest
October 29, 2002
PRESENTATION OUTLINE

- Introduction to the Foothills Model Forest (FMF)
- FMF Partners
- Benefits of research to FMF, JNP and other partners
INTRODUCTION TO FOOTHILLS MODEL FOREST PROGRAM

OUTLINE

- Foothills Model Forest Landbase
- Organizational Structure
- Strategic Direction for Phase III
- Research Themes of the Foothills Model Forest
Canadian Model Forest Network
Foothills Model Forest Organisational Chart

1. Foothills Model Forest Board of Directors
2. Foothills Model Forest Executive Committee
3. Foothills Model Forest General Manager
4. Foothills Model Forest Support Staff
5. Foothills Model Forest Project Steering Committee
6. Foothills Model Forest Activity Teams
7. Scientific and Technical Committees
# Foothills Model Forest

## Board of Directors

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Organisation</th>
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<tbody>
<tr>
<td><strong>Robert Udell</strong></td>
<td>Manager, Forest Policy - Weldwood of Canada Limited (Hinton Division)</td>
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<tr>
<td><strong>Alex Galbraith</strong></td>
<td>Mayor – Town of Hinton</td>
</tr>
<tr>
<td><strong>Dr. Jim Beck</strong></td>
<td>Professor of Forest Management - University of Alberta</td>
</tr>
<tr>
<td><strong>Dennis Hawksworth</strong></td>
<td>Vice-President, Hinton Forest and Wood Products – Weldwood of Canada Limited (Hinton Division)</td>
</tr>
<tr>
<td><strong>Rick Ksiezopolski</strong></td>
<td>Forest Resource Manager - Weldwood of Canada Limited (Hinton Division)</td>
</tr>
<tr>
<td><strong>Ron Hooper</strong></td>
<td>Superintendent – Jasper National Park of Canada</td>
</tr>
<tr>
<td><strong>Brian Wallace</strong></td>
<td>Manager, Warden Service – Jasper National Park of Canada</td>
</tr>
<tr>
<td><strong>Kevin Van Tighem</strong></td>
<td>Manager, Ecosystem Secretariat – Jasper National Park of Canada</td>
</tr>
<tr>
<td><strong>David Luff</strong></td>
<td>Vice President, Environment and Operations, Canadian Association of Petroleum Producers (CAPP)</td>
</tr>
<tr>
<td><strong>John Kerkkoven</strong></td>
<td>Surface Land Supervisor, Control and Management – Petro-Canada</td>
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<tr>
<td><strong>Lorne West</strong></td>
<td>Regional Co-ordinator, Model Forest Program - Canadian Forest Service, Edmonton</td>
</tr>
<tr>
<td><strong>Pat Guidera</strong></td>
<td>Regional Executive Director - SRD</td>
</tr>
<tr>
<td><strong>Cliff Henderson</strong></td>
<td>ADM – Forest Protection Division, Alberta Sustainable Resource Development</td>
</tr>
<tr>
<td><strong>Jerry Sunderland</strong></td>
<td>Director of Industry Operations – Land &amp; Forest Division, Department of Sustainable Resource Development, Government of Alberta, Edmonton</td>
</tr>
<tr>
<td><strong>Lloyd Metz</strong></td>
<td>General Manager – Cardinal River Coal</td>
</tr>
<tr>
<td><strong>John Kristensen</strong></td>
<td>Assistant Deputy Minister – Community Development – Parks and Protected Areas</td>
</tr>
<tr>
<td><strong>Bob Demulder</strong></td>
<td>Alberta Forest Products Association</td>
</tr>
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Strategic Direction for Phase III

I. Demonstrate sustainable forest management.

II. Develop and implement mechanisms that result in wider understanding and application of accrued knowledge and technology for sustainable forest management.

III. Deliver communications and outreach programs that improve understanding of, and support for, sustainable forest management.

IV. Support and influence policy that improves the practice of sustainable forest management.
Research Themes of the FMF

- **Ecological**
  What comprises the “forest” and how does it all fit together?

- **Social**
  How do we feel about the “forest” and its use, impact of it on our lives both directly and indirectly?

- **Economic**
  What does/can the “forest” provide sustainably in the form of economic benefits to society, who benefits directly and indirectly?
Research Themes of the FMF

- Ecological
  - Grizzly Bear Research Program
  - Fish and Watershed Research Program
  - Natural Disturbance Research Program
  - Bridgeland Repeat Photography Project
  - Chisholm-Dogrib Fire Research Initiative
  - Canadian Wildland Fire Growth Model
  - Firesmart Communities
  - Mountain Pine Beetle Project
Research Themes of the FMF

- Ecological
  - Foothills Growth and Yield Association
  - Alberta Forest Biodiversity Monitoring Project
  - Climate Change Research Project
  - Woodland Caribou Research Project
  - Criteria and Indicators Development Project
  - Northeast Slopes Integrated Resource Management Project
  - Geographic Information Systems Support
Research Themes of the FMF

• Social/Economic
  Socio-Economic Research Project
  Enhanced Aboriginal Involvement Project
  Criteria and Indicators Development Project
Communications and Outreach

- Workshops
- Research Series
- Newsletters
- Annual Report
- Web Site
- Presentations
- Education
- Community Relations
- Media Relations
- Govt. Relations
Collaboration With Other Research Institutes
The Foothills Model Forest (as a member of the Canadian Model Forest Network) will play a key role in establishing Alberta's and Canada's reputation as a world leader in sustainable forest management.

We are a unique partnership dedicated to providing practical solutions for stewardship and sustainability in forest management.
When we achieve our vision, model forest learnings will be:

- Reflected in on-the-ground practice throughout Alberta and elsewhere in Canada, where applicable;
- Incorporated in forest and environmental policy and changes;
- Widely disseminated to and understood by a broad spectrum of society.

This will be the result of a solid, credible, recognized program of science, technology, demonstration and outreach.
FOOTHILLS MODEL FOREST PARTNERS

Core partners:
• Alberta Sustainable Resource Development
• Weldwood of Canada Hinton Division
• Parks Canada
• Canadian Forest Service

➢ Contribute funds and resources each year, committed throughout each phase
FOOTHILLS MODEL FOREST PARTNERS

Other partners:

- Contribute funds, resources or make in-kind contributions to FMF or individual programs or individual projects

- Not necessarily committed throughout each phase or each year
FOOTHILLS MODEL FOREST PARTNERS

- Ainsworth Lumber Company Ltd.
- Alberta Conservation Association
- Alberta Department of Economic Development and Tourism Industry Development
- Alberta Environment
  - Environmental Training Centre
  - Land and Forest Service
  - Natural Resource Service (Fish and Wildlife)
  - Natural Resource Service (Parks)
  - William A. Switzer Provincial Park
  - Forest Management Training Group
- Alberta Forest Products Association
- Alberta Newsprint Company
- Alberta Registered Professional Foresters Association
- BP Canada Energy Company
- Bandaloop Landscape Ecosystem Services
FOOTHILLS MODEL FOREST PARTNERS

- Burlington Resources
- Canadian Forest Products Ltd.
- Canadian Hunter Exploration Ltd.
- Canadian Institute of Forestry
- Canadian Pulp and Paper Research Institute
- Canadian Resources Ltd.
- Cardinal River Coals Ltd.
- ESRI Canada
- FEESA
- Forest Engineering Research Institute of Canada
- Forintek
- Fox Creek Development Association
FOOTHILLS MODEL FOREST PARTNERS

• Hinton Fish and Game Association
• Manalta Coal Ltd. (Gregg River Mine)
• International Model Forest Network
• Luscar Ltd.
• Millar Western
• Natural Resources Conservation Board
• Northern Alberta Institute of Technology
• Nova Gas Transmission Ltd.
• Obed Mountain Coal Ltd.
• Parks Canada
• Petro Canada
• Petroleum Technology Alliance of Canada
• Rocky Mountain Fly Fishing Club
• Rocky Mountain Elk Foundation
• Spray Lakes Sawmills
FOOTHILLS MODEL FOREST PARTNERS

- Sundance Forest Industries
- Sunpine Forest Products Ltd.
- Telemetry Solutions
- The Forestry Corp.
- The Town of Edson
- The Town of Grande Cache
- The Town of Hinton
- Trans Canada Pipelines
- Trout Unlimited (Yellowhead Chapter)
- University of Alberta
  - Faculty of Extension
  - Faculty of Renewable Resources
  - Department of Anthropology
  - Faculty of Agriculture, Forestry, and Home Economics
- Weldwood of Canada Limited (Hinton Division)
- Weyerhaeuser Canada Limited
- World Wildlife Fund
BENEFITS OF RESEARCH PARTNERSHIP

• Cost effective

• Builds partnerships among stakeholders that share common boundaries, and thus common ecological problems

• Natural Disturbance Program Example
Natural Disturbance Program Example

- Program initiated by FMF and Weldwood staff in effort to maintain biodiversity

- JNP interested in restoration of ecosystems to historic conditions

- JNP had some natural disturbance type programs ongoing in 1996- repeat photography project- that showed that ecosystems had changed over time
BENEFITS OF RESEARCH PARTNERSHIP

Athabasca River Valley
(just east of townsite c. 1915)

Athabasca River Valley
(just east of townsite c. 1997)
BENEFITS OF RESEARCH PARTNERSHIP

Natural Disturbance Program Example

• FMF Natural Disturbance Program provided a framework for their restoration research projects

• Although the business of the NDP partners is different (national park, provincial forest service, timber companies), they all share a common desire to maintain biodiversity and have chosen to research historic ecosystem conditions and try to emulate them
BENEFITS OF RESEARCH PARTNERSHIP

Natural Disturbance Program Example

- Information on historic ecosystem conditions gives
  - JNP information on what their targets are for prescribed burning and thinning programs
  - Weldwood and Alberta Newsprint information on what their targets are for forest harvesting
  - Alberta Land and Forest Service information to regulate land management across the province
BENEFITS OF RESEARCH PARTNERSHIP

Natural Disturbance Program Example

• Meets FMF mandate:
  We are a unique partnership dedicated to providing practical solutions for stewardship and sustainability in forest management.
SUMMARY

• FMF conducts research into sustainable forest management

• Research is driven and supported by diverse partner group

• Stakeholders have similar land management issues, despite different businesses, benefit from cost sharing and partnership with neighboring landowners