

Alberta Forestry

Alberta Ministry of Agriculture and Forestry

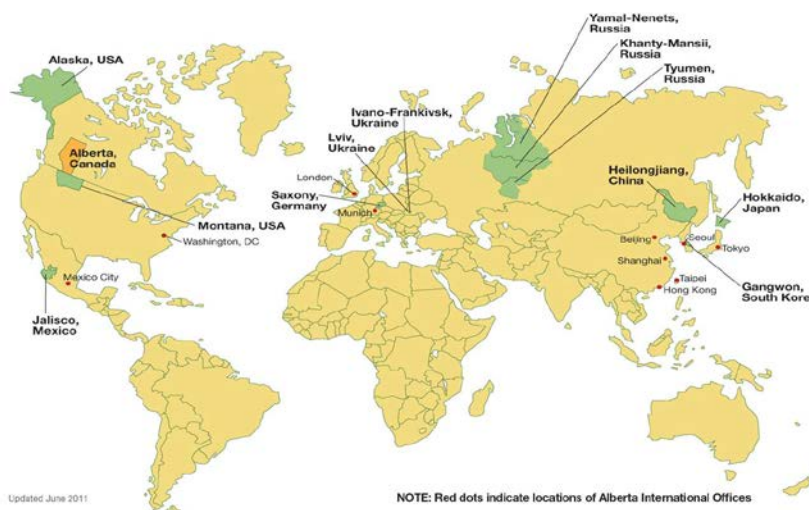
Presentation to the Japan External Trade Organization

Mr. Mark Kube, Forest Markets and Products Innovation Forester, Agriculture and Forestry, Government of Alberta

October 27, 2015

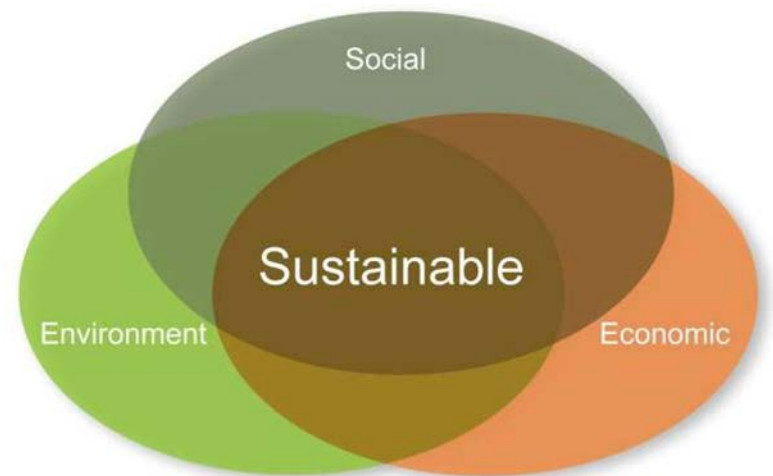
Alberta Agriculture and Forestry Ministry Goals and Business

- The Ministry contributes to three of the Alberta Government's four key opportunities:
 - Unleashing Innovation
 - Competing in a Global Marketplace
 - Making Alberta the Best Place to Live, Work and Visit
- The Ministry achieves this by working with others to promote prosperity for Alberta through a strong, competitive, sustainable forestry, agriculture and food industry.
- The Ministry has three core businesses:
 - A market-driven, environmentally responsible industry
 - Food safety, forest and plant health, and animal health and welfare
 - Rural development



Alberta Agriculture and Forestry Mandate

- **Government of Alberta is responsible for stewardship of Alberta's air, lands, forests, water and biodiversity for the benefit of Albertans**
- **Balanced, sustainable and responsible use of Alberta's natural resources**
- **The Alberta forest sector focuses on product innovation and green, renewable energy to adapt to changing markets**



Alberta Agriculture and Forestry Forestry Division Structure

- **Forest Industry Development Branch**
 - Liaison to the forest industry and forest policy development
 - Renewal of forest management agreements and timber quotas
 - Assessments of fibre utilization and operating efficiency
 - Royalty rate reviews and coordination with the federal government and industry
- **Forest Management Branch**
 - Administration and management for forest health, adaption and seed storage
 - Forest programs - hydrology, ecology, communications and reforestation
 - Forest management including planning, timber harvesting and reclamation
 - Resource and landscape-level analysis of complex wood supply issues
 - Timber production and auditing, scaling standards, and revenue compliance
- **Wildfire Management Branch**
 - Respond to every wildfire reported in the Forest Protection Area
 - Five priorities guide Forestry Division in the allocation and use of firefighting resources. In order of highest priority:
 - Human life
 - Communities
 - Watersheds and sensitive soils
 - Natural resources
 - Infrastructure



Alberta Agriculture and Forestry

Green Area and White Area

Green Area:

- Provincial government regulated
- Public land, owned by Crown
- Comprises 352,101 sq km of Alberta
- Managed for sustainable resource development

White Area:

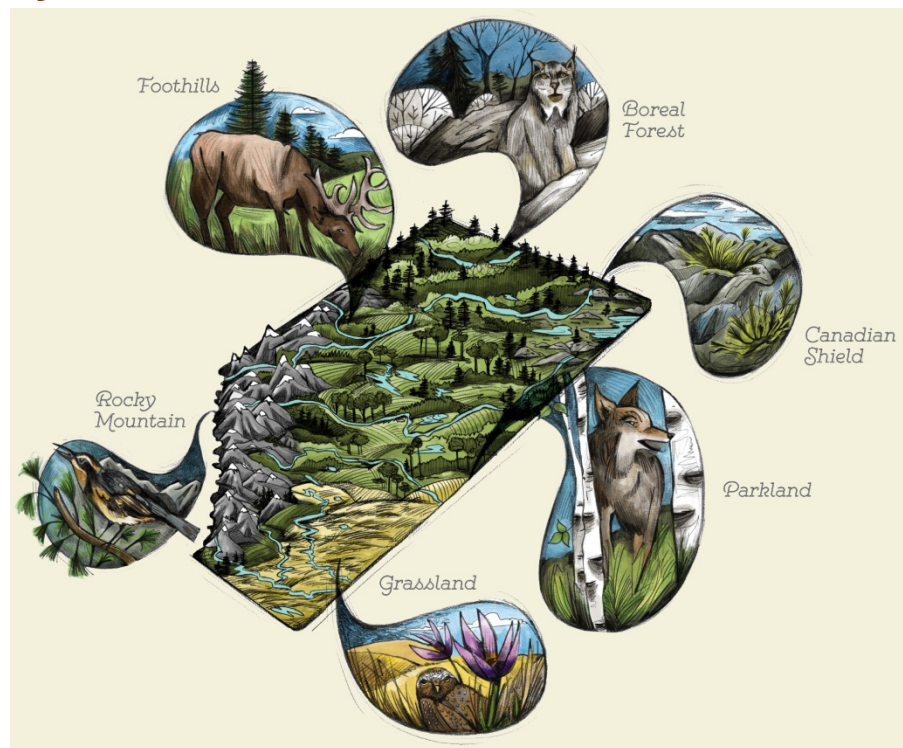
- Municipal and provincial government regulated
- 75% of the white area is privately owned
- Comprises 255,666 sq km in Alberta
- Managed for agricultural and rural development



Alberta Agriculture and Forestry

Natural Regions and Biodiversity

- Alberta has six major ecosystem types called Natural Regions, each with distinctive geographical and climatic conditions that support an abundant variety of plants and animals. Only 3,000 species or 4% of Alberta's biodiversity have been described and named.
 - Boreal
 - Canadian Shield
 - Foothills
 - Grassland
 - Parkland
 - Rocky Mountain



Alberta Agriculture and Forestry

Annual Allowable Cut

- Alberta has 61 million hectares and 38 million hectares of that land is forested
- The sustainable Annual Allowable Cut is 31 million cubic metres
- Current harvest is 25 million cubic metres
- 19 million cubic metres are coniferous species and 12 million cubic metres are hardwood species
- Alberta continuously adapts and enhances wildfire management strategies through innovation



Alberta Agriculture and Forestry

Status of Alberta's Timber

- Alberta ensures the volume of wood removed / harvested in any one year does not exceed the volume of wood that grows annually
- Strict operating ground rules dictate forest operations
- Reforestation and the re-establishment of forests is legislated and mandatory in Alberta and across Canada.
- Alberta plants approximately 70 million seedlings per year within 2 years of harvest (~1500 per ha)



Alberta Agriculture and Forestry Certification of Wood Products

- Alberta's forest lands are predominantly third party certified – 82%
- CSA – Canada's National Sustainable Forest Management Standard (CAN/CSA-Z809)
- SFI – The Sustainable Forestry Board's Sustainable Forestry Initiative Program
- FSC – The Forest Stewardship Council's Principles & Criteria and/or Standards



Alberta Agriculture and Forestry Economic Contribution - 2015

- 15,000 direct and indirect Alberta jobs
- Sector contributes \$4 - 5 billion annually to the Alberta economy
- 70 forestry communities in Alberta
- Approximately \$850 million in taxes are paid to government (income tax, property tax, stumpage, etc.)



Alberta Agriculture and Forestry Competitive Advantage

- **Fibre strength and quality - superior to faster growing species**
- **Extensive publicly owned resource**
- **Stable and transparent tenure and regulatory system**
- **Competitive delivered wood costs**
- **Efficient facilities and infrastructure**

