

"Integrated Solutions for Greening Alberta's Growth"



The Institute for Agriculture, Forestry and the Environment

Saskatchewan's Natural Capital: Exploring Ecological Goods and Services Symposium, March 25-26, 2009, Regina, Saskatchewan

The Institute for Agriculture, Forestry and the Environment

- *Is part of the Alberta Premier's Mandate*
- Is an Institute that is to be a catalyst in achieving the Alberta Government's objective to "green growth"
- Will brand Alberta as an environmental leader and innovator.

IAFE: A New Paradigm

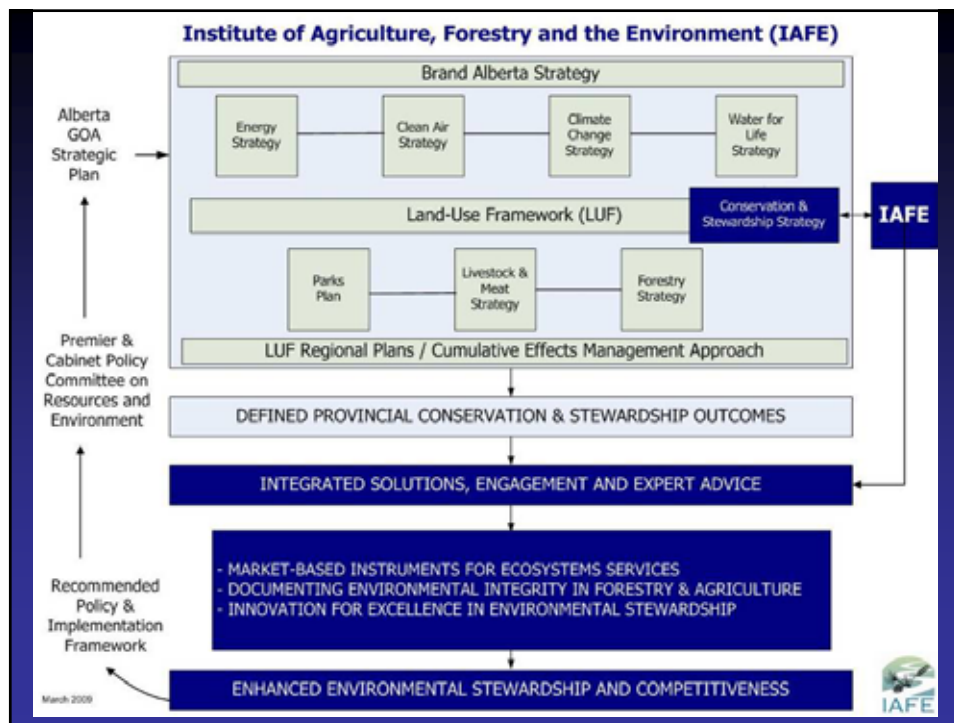
- **Changing the paradigm:**
 - **From:**
 - identifying ecosystem compliance as a cost to business,
 - **To:**
 - integrating ecosystem services as a new way of doing business and
 - Allowing business to profit from emerging ecosystem aware markets.

IAFE Mandate

- 1. Market-Based Instruments for ES**
 - Develop a recommended policy framework for GOA for evaluation, selection and implementation of market- based instruments that enhance provision of ecosystem services (ES).
- 2. Documenting Ecosystem Integrity**
 - Develop a recommended approach to documenting the ecosystem integrity, content and management of renewable resource products produced in Alberta including certification and branding.
- 3. Innovation**
 - Identify and recommend world wide best practices, management strategies and systems to make Alberta an “aggressive first adopter” of practices and systems that support increased stewardship and diversification into new markets based on the ecosystem attributes of renewable resource industries.
- 4. Conservation and Stewardship Strategy**
 - Lead in the development of a province-wide strategy for conservation and stewardship on private and public lands in Alberta in conjunction with the Land Use Secretariat.

IAFE Operation

- “Virtual Institute”
- Industry Board with Ex-Officio GoA members
- Shared governance model
 - Cross-ministry initiative
 - Catalyze, direct and integrate work
 - Work performed by seconded staff and teams across GOA in collaboration with non-governmental policy research organizations
- Mandate to be completed by March 2010



IAFE Strategies

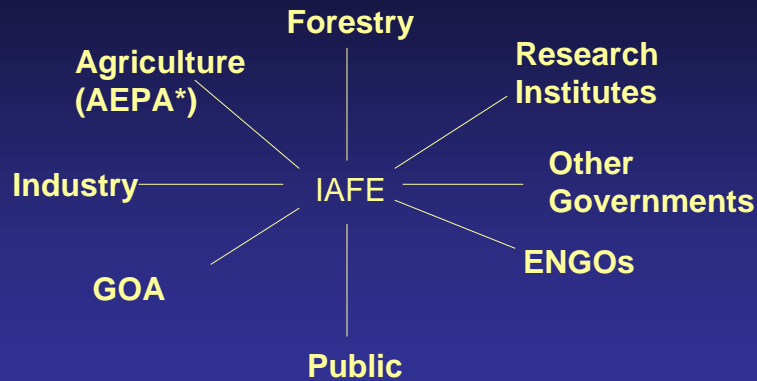
The IAFE is carrying out its mandate through three strategies:

- **Integration**
- **Engagement**
- **Expert Advice**

IAFE Integration

- **The IAFE is:**
 - named in the **Alberta Land-use Framework** as the lead in developing the **Conservation and Stewardship Strategy**
 - named in the renewal of **Alberta Water for Life Strategy**
 - Is referenced in the **Alberta Livestock and Beef Strategy** as a cooperating agency in investigating market-based approaches for branding and certification

IAFE Engagement



* Agri-Environmental Partnership of Alberta

IAFE Expert Advice

- International Think Tank
- Deloitte and Touche
- Climate Change Central
- Miistakis Institute
- Environmental Law Center
- Pembina Institute



Brought together 20 leading experts from around the world with experience in researching, designing, implementing and administering market-based instruments (MBIs) in the Agriculture and Forestry Sectors.



Four topic areas:

- **Identifying Ecosystem Services (ES)**
- **Market-based Instruments (MBIs)**
- **Institutional Innovation**
- **Strategies for Policy Direction and Implementation**

Expert Advice from Think Tank

- **Time is right for developing new ecosystem markets for Alberta's Agriculture and Forestry Sectors.**
- **Pursue global, national and regional market opportunities.**
- **Alberta is positioned uniquely to participate in these markets with its diverse agricultural and forestry industries.**
- **Experience shows there are emerging opportunities for adding value to our resource products.**

Deloitte and Touche

- **Provide an overview of existing and emerging ecosystem markets on a global basis**
- **Identify potential opportunities for Alberta's agriculture and forestry sectors to participate**
- **Provide recommendations for monitoring market developments**

Climate Change Central

- **Describe what are the major lessons learned over the past 18 months from the Carbon Market mechanism in Alberta**
- **What has and hasn't worked**
- **How can these learnings be applied to developing and implementing market-based instruments for ecological services in Alberta**

Miistakis Institute

- **Assist in the development of decision matrix for market-based instruments development and implementation**
- **Assist in the development of a compendium of information on market-based instruments for public use**

Environmental Law Center

- **Assess legal processes, laws and regulations for development and implementation of potential market-based instruments in Alberta**
- **Assist in the development of common definitions of terms for market-based instruments**

Pembina Institute

- **Assist in the development of decision matrix for market-based instruments development and implementation**
- **Assist in development of common definitions of terms for market-based instruments**
- **Assist in development of compendium of information on market-based instruments**

Other IAFE Activities

- **Assessment of completed ES pilots and working models**
- **Property right issues affecting MBIs**
- **Infrastructure requirements for ES market exchanges**
- **Processes to certify and brand ecosystem integrity for forestry and agriculture**

Thank you
