Strategic Growth and Research

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March 2009

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Contemporary Agriculture

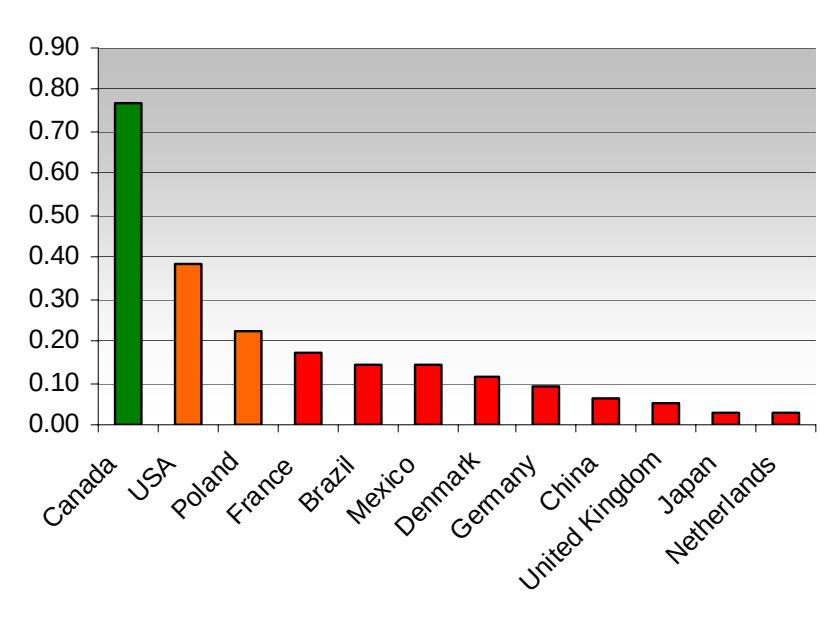
The science, business and art required for the sustainable and profitable maximization of societal and consumer benefits derived from the agri-resource base

Context

- Demands increasing of contemporary agriculture
- Global physical resource base for contemporary agriculture is decreasing
- Canada has natural advantage
- Reduction in the availability of researchers
- No unifying voice in Canada for intellectual capital in contemporary agriculture
- Political support of science and professions required to meet demand

Comparative Advantage:
Greater Sustainability – Less Impact on Nature

Canada is blessed by nature with less density of people and livestock than any other country.

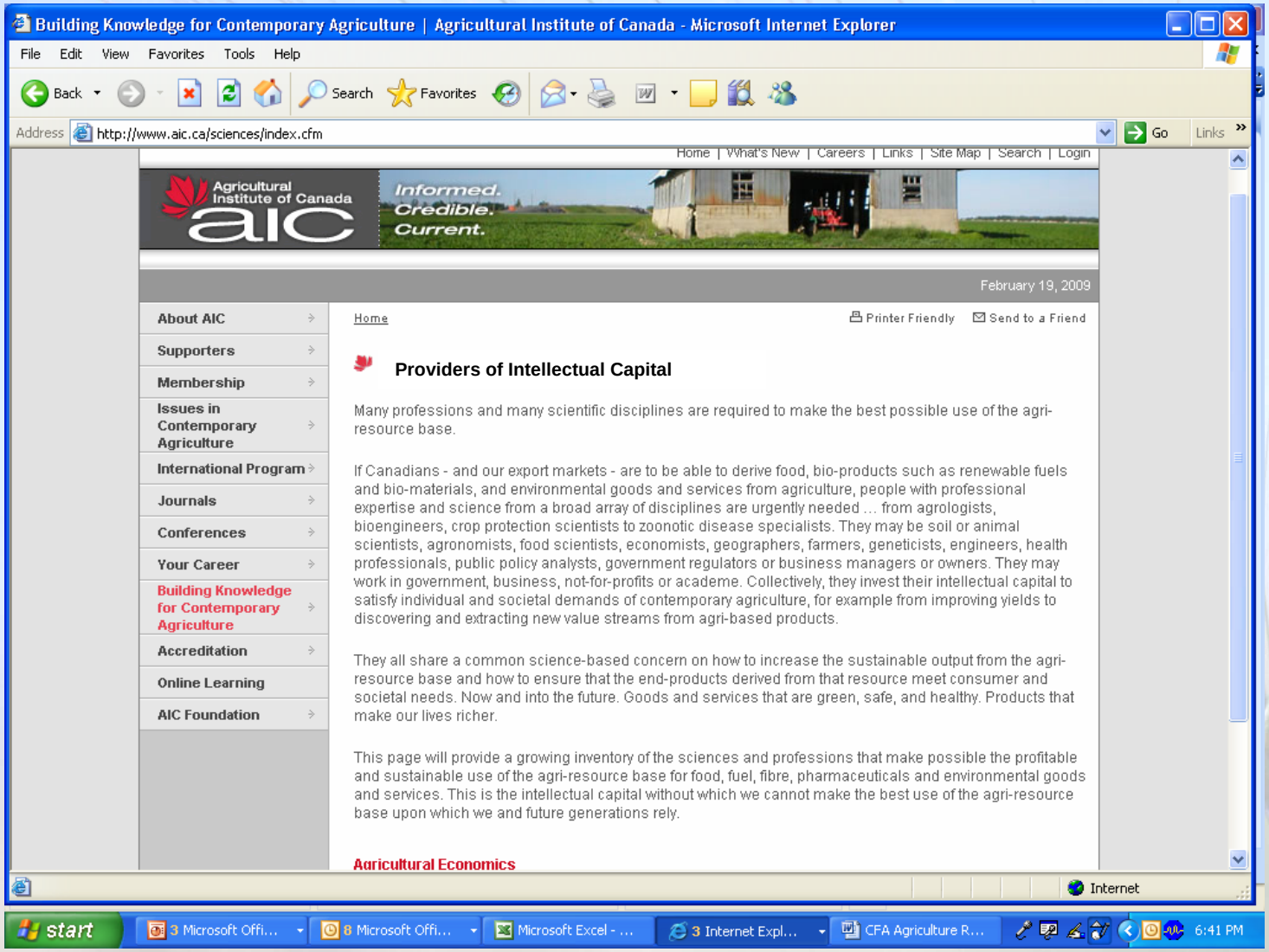


Sustainability Index

- ✓**greater availability of fertile arable land relative to human and animal requirements**
- ✓**better animal health**
- ✓**winter**
- ✓**less intrusive production**
- ✓**abundant and clean water**

Index: (Available arable land) / (human and livestock population)

Who provides the intellectual capital?



AIC Mandate

- a source of professional information, synthesis and analysis on science and professional policy issues pertaining to contemporary agriculture
- advice to governments on importance of contemporary agri-resource based sciences to providing solutions to food security, health, energy, economic growth and environmental challenges
- a clearer voice for those seeking to advance the scientific contribution required for more productive and sustainable use of the agri-resource base
- provide networking and learning opportunities for the providers of intellectual capital required of contemporary agriculture (e.g. the professional agrologists, food scientists, bio-fuel researchers, etc.)

advise on behalf of knowledge workers for financial, regulatory and legislative investment in professional capacity building

inclusion in provincial science and innovation strategies

provide a multidisciplinary, cross sectoral forum for science-based foresight

highlight importance of professionals for a dynamic, competitive and green Canada

build an effective and united voice on behalf of the sciences applied to the agri-resource base

help you connect with others who share your passion to make agriculture “a solution provider”;

Vision	**Wise use of agri-resource base** *Sustainable and profitable maximization of societal and commercial benefits derived from the agri-resource base*			
Mission	**To build scientific and professional capacity for the wise use of the agri-resource base**			
Inputs	Intellectual Capital	Financial Capital	Technology	Collaboration
Activities	Research: information, synthesis and analysis	Networking and Other Information Sharing Opportunities	Coordination and leadership of multi-disciplinary debate in public fora	Communications of successes of research institutes, companies, universities, professional and scientific groups
Outputs	**Reports**	**Conferences**	**Advice to Governments**	**Unifying Voice for Individuals and Institutions**
Immediate Outcomes	Stronger impact of science/professions on policy decisions	Improved understanding by media and governments of importance and acceptance of science/professions		Enhanced inter-disciplinary and inter-sectoral collaboration
Intermediate Outcome	Increased public and private investment in scientific and professional development		More Canadians chosing scientific and professional careers in support of agriculture, food and other agbio goods and service industries	
Long Term Outcome	**Enhanced scientific and professional capacity in Canada to support the sustainable and profitable maximization of societal and commercial benefits derived from the agri-resource base**			

The Value Proposition

Investments in a unifying voice across all supply chains

Increased media and public understanding that intellectual capital is as important as the land and the financial capital required for contemporary agriculture

Strategic Growth through Research

Sustainable and Profitable Rural and Urban Communities