

Research Activism

Warren Mabee

ACW All Team Meeting, Vancouver, Canada 26 November 2016

Critical areas in research

Focus on renewable energy as a tool to move towards sustainability (as defined by the three-pillar approach)

Policy is one of the most critical drivers of renewable energy adoption – research focuses at the intersection of policy and technology

Activist approach to informing key policymakers with scientific data to aid in decision-making

**PROJET TROTTIER POUR
L'AVENIR ÉNERGÉTIQUE**

**TROTTIER ENERGY
FUTURES PROJECT**



Designed to explore the mix of technologies necessary to deliver low carbon futures for Canada

Project report:

https://www.cae-acg.ca/wp-content/uploads/2013/04/3_TAFP_Final-Report_160425.pdf

A four-pronged approach

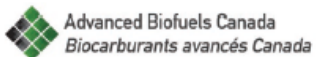
1. Academic outputs
2. Practitioner workshops
3. Media focus
4. Volunteering

Practitioner workshops

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INNOVATION SHOWCASE

CANADIAN MUSEUM OF HISTORY
Tuesday, November 1

17:00-20:00 **Networking & Innovation Profiles**

18:00-18:35 **Welcome & Speeches**

E. Shirt (Emissions Reduction Alberta) & *J. Marrone* (BioFuelNet Canada)
G. Mason, Natural Resources Canada
D. Cardinal, Douglas Cardinal Architect

PLENARY DAY

EY CENTRE
Wednesday, November 2

8:30 **Opening Remarks**

B. Kenny (Emissions Reduction Alberta) & *D. Smith* (BioFuelNet Canada)

8:40 **P1: The Challenge - Greenhouse Gas Ambitions in Canada**

MOD: *B. Kenny*, Emissions Reduction Alberta
M. Jones, Environment and Climate Change Canada
K. Sullivan, International Emissions Trading Association
M. Girdhar, Enbridge

9:50 **HEALTH BREAK**

10:10 **P2: BioCleantech to Meet Canada's Economic and Climate Goals**

MOD: *C. Johnstone*, Innovation, Science & Economic Development Canada
S. Wood-Bohm, Alberta Innovates/Emissions Reduction Alberta
J. Stephen, TorchLight Bioresources (on behalf of Alberta Innovates)
W. Mabee, Queen's University

11:10 **P3: Panel on Managing BioCleantech Risks**

MOD: *Z. Rahme*, Sustainable Development Technology Canada
PANELISTS: *J. Jacobs* (Ensyn), *N. Schmitz* (Global Risk Assessment Services),
J. Solomon (Ecostrat), *B. Wortzman* (Greenfield Specialty Alcohols)

12:15 **LUNCH** MOD: *C. Krywiak*, Ontario Centres of Excellence

A. Potts, Parliamentary Assistant, Ontario Minister of the Environment & Climate Change

13:20 **P4: Large-Scale BioCleantech Examples from Around the World**

MOD: *F. Des Rosiers*, Natural Resources Canada
D. Keedy, Drax Power
H. Antila, Fortum
M-H. Labrie, Enerkem

14:40 **HEALTH BREAK**

15:00 **P5: BioCleantech as the Basis for a Sustainable Economy**

MOD: *G. Meredith*, Agriculture & Agri-Food Canada
B. Young, National Aboriginal Forestry Association
N. Schmitz, International Sustainability & Carbon Certification

16:10 MOD: *S. Wood-Bohm*, Alberta Innovates

K. Rudd, Parliamentary Secretary, Minister of Natural Resources



Media focus

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[Muskrat Falls protesters set example for successful ...](#)

The protesters at Muskrat Falls have set an example to follow for other groups protesting megaprojects across the country, says an academic at Queen's University.

www.cbc.ca/news/canada/newfoundland-labr...

[Canada's rejection of coal will clear the air but impact workers ...](#)

Environment Minister Catherine McKenna all but declared war on Canada's coal industry Monday with the announcement of her plan to aggressively phase out coal-fired power plants by 2030.

www.cbc.ca/news/politics/canada-coal-cou...

[Montreal protest unlikely to kill Energy East pipeline, expert ...](#)

While a protest in Montreal has postponed the National Energy Board hearings into the proposed Energy East pipeline, Warren Mabee, an energy policy expert, expects little delay for the project.

www.cbc.ca/news/canada/new-brunswick/neb...

[Transcanada - CBC.ca | Information Morning Fredericton](#)

Christine McLean talks to Warren Mabee about why TransCanada's decision to move a terminal to avoid endangered beluga whales is good news for New Brunswick's pipeline hopes.

www.cbc.ca/.../transcanada-1.3023338

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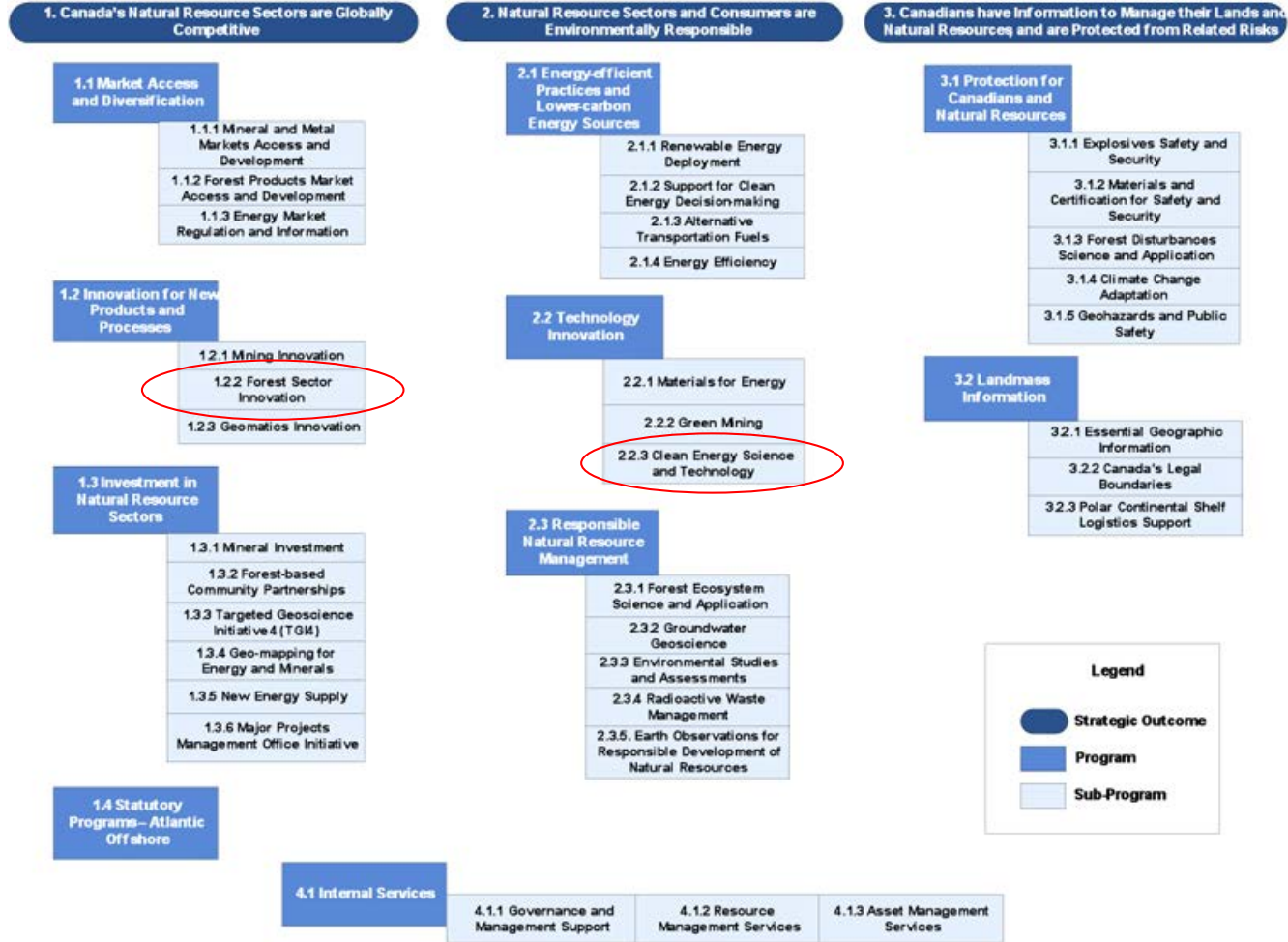
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Volunteering

2013-14 Strategic Outcome and Program Alignment Architecture Natural Resources Canada



Activism not (necessarily) advocacy

Important to provide the best scientific knowledge

Partner with those who can act as advocates

Ensure that the right people have the right knowledge!