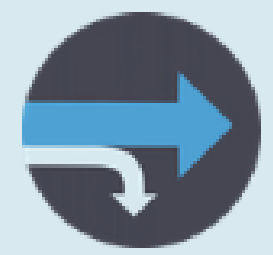


Draft Proposal Presentation

- Normand Mousseau, U Montréal / IET

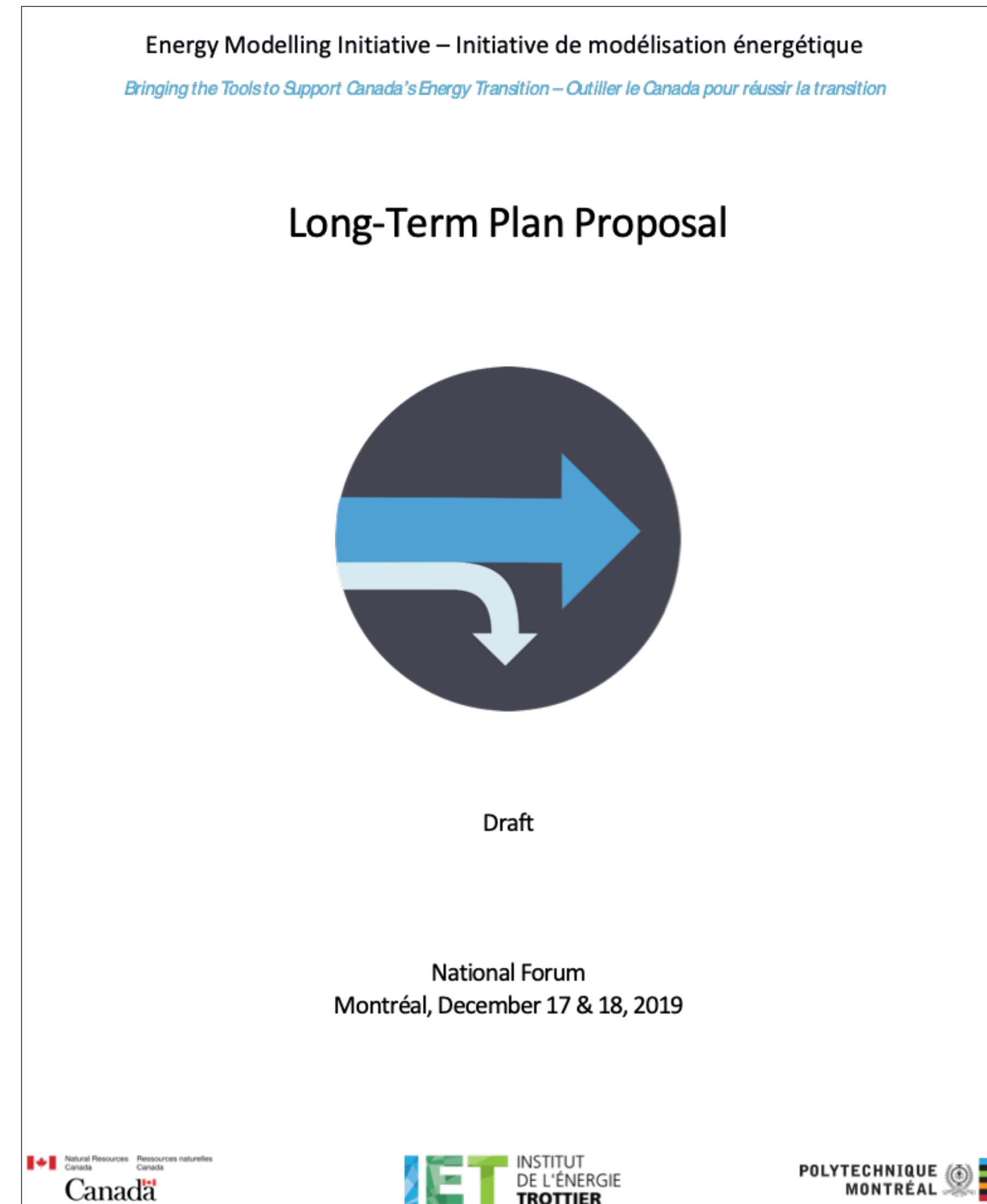


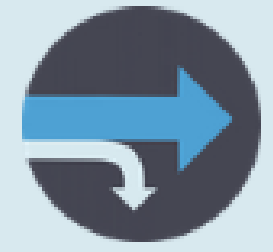
The EMI Long-Term Plan Proposal

Following the workshops a straw dog was sent for review and comments from the community.


Based on the received at the workshops and on the straw dog, the executive committee has prepared, in collaboration with the advisory council, the document that you have received last Friday (a copy of which was distributed this morning).

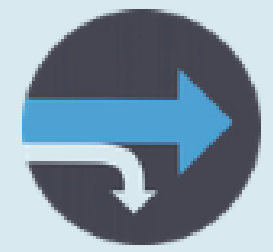
This document will form the basis of this forum.





The EMI Long-Term Plan Proposal

1. For simplicity and readability, the proposed structure/organisation will be referred to as the **EMI** in this document.
2. This icon  identifies notes from the authors. These notes either raise specific elements to discuss or give context to the text that they precede.



Energy Modelling Initiative — Initiative de modélisation énergétique

Bringing the Tools to Support Canada's Energy Transition — Outiller le Canada pour réussir la transition

2.1 Vision



Oriented Vision:

Catalyze Canada's transition towards sustainable, decarbonized, energy systems through sound policy design and investment decisions.

Neutral Vision:

Support fact-based and effective decision-making concerning energy with high quality analysis supported by the Canadian energy modelling community.

2.2 Mission

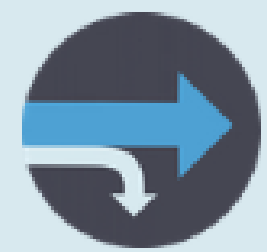
The mission statement is based on the initial objectives of the initiative and details the means necessary to achieve the vision.

Strengthen the relevance of Canadian modeling expertise by:

- **Convening a network** of energy modellers along with energy sector stakeholders to foster dialogue;
- **Providing a shared platform** to facilitate interactions between stakeholders and sharing resources among the modelling community;
- **Supporting decision making** for policy and economic questions by improving continuity, consistency and timeliness in response, with models that are maintained over time.

2.3 Values

- Science and evidence-based
- Collaboration
- Transparency
- Timeliness
- Openness

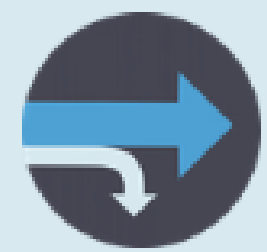


2.4 Stakeholders groups

- Energy Modellers
- Researchers interested in energy and environmental, economic and climate change policy
- Academics
- Consultants
- Industry (in-house modellers, particularly in utilities)
- Government (in-house modellers)
- Policy makers
- Federal Government
- Provincial and Territorial Governments
- Indigenous Governments
- Municipal Governments
- Academics (policy specialists)
- Policy makers

- Energy Regulators
- Utilities
- Industry
- Civil society (NGOs)
- Media (specialist and general)
- Public (key audiences for results?)





3. Activities and Deliverables

3.1 Convening the network

- Annual forum
- Thematic workshop
- Training

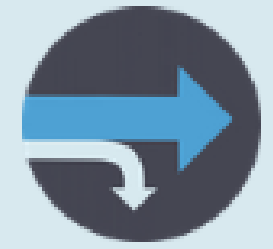
3.2 Providing a shared platform

- Online modelling inventory
- Reference data sets
- Reference scenarios
- Model data interfaces



3.3 Supporting decision making

- Model selection process
- Model maintenance
- Model operation
- Report and studies
- Project office for modelling services



4. Proposed structure

4.1 Basic structure

- Be multisite, to facilitate interactions amongst stakeholders and modelers;
- Have a diverse staff able to handle:
 - Technical issues linked to database, data and code management;
 - Operations supporting activities, training, demands from stakeholders;
 - Liaison/communication with stakeholders and the ecosystem;
- Interface with partners, including academics, consultants and various agencies;
- Serve the needs of the policy makers.



4. Proposed structure

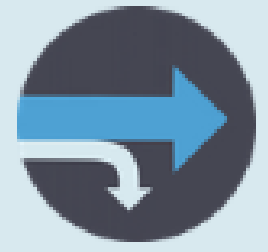
4.3 Staffing

The staffing is composed to ensure that the mandate can be fulfilled. We estimate that meeting the minimum expectation requires a staff of about 15 people, for an annual budget of around 2 M\$.

While management, operation and liaison people should be stationed in the EMI regional offices, some of the technical staff could be working in various groups across the country for maintaining models and data sets.

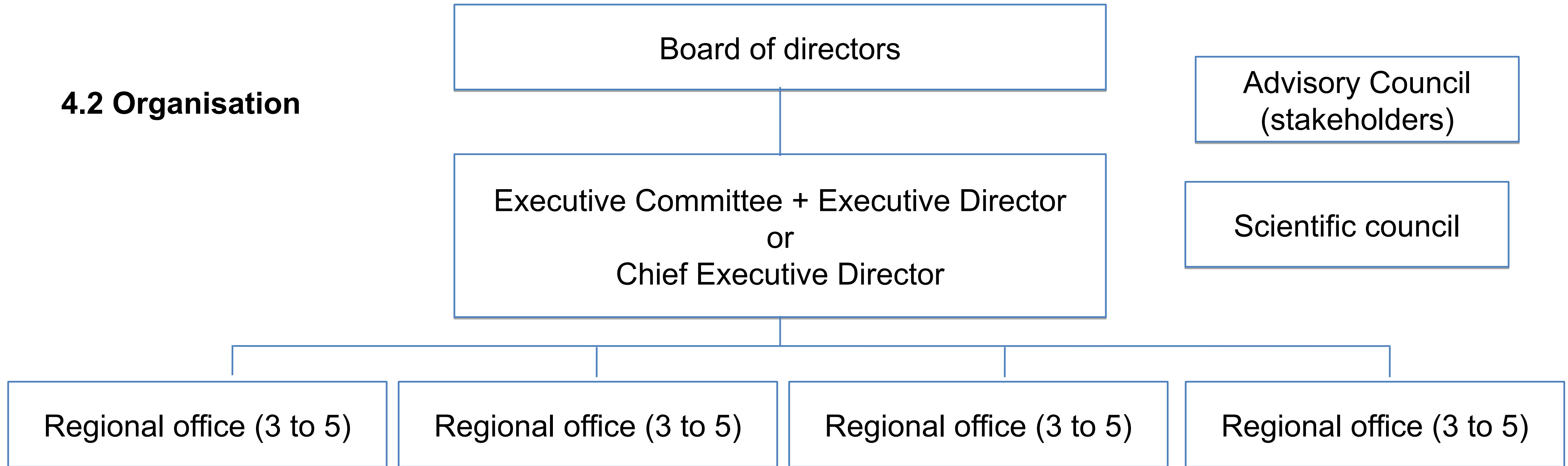
Of course, as the EMI attracts funding from other levels of government, it is expected that the offices will grow.

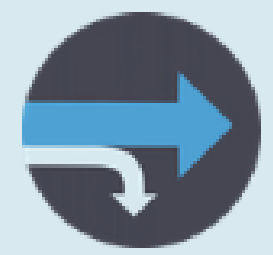
- Management — manages national and regional offices, finance, human resources, strategic development
- Technical — manages inventory, data, models, documentation
- Operation — organises workshops, forum, training, responds to demands
- Liaison — Develop intellectual property (IP) rules, coordinates with ecosystem, liaise with policy makers, leverage funding



4. Proposed structure

4.2 Organisation





4. Proposed structure

4.4 Type of organisation



Not-for-profit

- Outside gouvernement and academia
- Independent governance
- Board + CEO
- Central + regional offices
- Can work with government, agencies, academia and private sector
- Might be more difficult to access research funding

University based

- Linked to multiple universities
- Board + Regional Scientific Director
- Rotating Leading Scientific Director
- Equal regional offices
- Can work with government, agencies, academia and private sector
- Have more direct access research funding