

# Preface



**Richard J. Marceau**



**Clement W. Bowman**

**W**e have worked together over the past nine years, to the fullest extent that our respective “day jobs” permitted. We started with an understanding that energy is an important sector of the Canadian economy and of life in this country.

Our understanding has now evolved into a belief that energy is the only pathway to Canadian economic and social well-being in this current half century. We also believe that energy presents a unique opportunity of bringing greater unity to our country in spirit, thought and action, in a way that has challenged Canadians for decades.

This leads us to propose the following three goals for unleashing unparalleled opportunity for all Canadians over the next half century:

- Add value to Canada’s energy exports, extending our country’s value chain and strengthening our innovation ecosystem.
- Contribute to reducing North America’s carbon footprint, such as being the lowest-cost producer of low-GHG electricity.
- Contribute to the increasing global energy demand, recognizing Canada’s massive energy endowment.

In our 2012 book entitled “Canada: Winning as a Sustainable Energy Superpower” sponsored by the Canadian Academy of Engineering, we demonstrated how Canada’s aspirations of global energy leadership are well within its grasp.

In this new book, also sponsored by the Canadian Academy of Engineering, “Canada: Becoming a Sustainable Energy Powerhouse,” we take the next step and present a plan for making this a reality.



**Prime Minister Stephen Harper**, July 2006: “[Investors] ... have recognized Canada’s emergence as a global energy powerhouse – the emerging ‘energy superpower’ our government intends to build.”

**Peter Lougheed**, March 2007: “I just find it completely unacceptable that our resource involves shipping jobs down the pipeline with bitumen to the United States...”

**Jim Prentice**, May 2012: “The era of nation-building is far from over. Canada still has enormous untapped resource wealth, and planned megaprojects across the country hold out the promise of unlocking that potential and securing new markets for Canadian energy.”

**Frank McKenna**, May 2013: Canada is seeing “value destruction of a scale we’ve never witnessed before in this country.”

**Jim Stanford**, May 2013: “Canadians are asking is there not more for us in the world economy than just digging stuff out of the ground?” “The pejorative term of ‘hewers of wood and drawers of water’ now has been expanded... to ‘hewers of wood, drawers of water, and scrapers of tar’.”

**Thomas Mulcair**, December 2013: “Canada’s natural resources are a tremendous blessing, and our energy sector is the motor of the Canadian economy.”

**Brian Mulroney**, April 2014 (addressing Canada as a resource superpower): “The question is not ‘Why?’ but rather ‘Why not?’”

To this end, we have brought together experts from across the country to chart the way forward to the incredible opportunities open to all Canadians. Other prominent Canadians share our enthusiasm, as evidenced by the quotes in the side-bar.

We hope that you agree with our plan. We especially hope that you will partner with us to make it a reality. It indeed comes down to “Why not”?



**Richard J. Marceau**

PEng, PhD, FCAE  
President, The Canadian Academy  
of Engineering  
Vice-President (Research),  
Memorial University of Newfoundland



**Clement W. Bowman**

C.M. PEng, PhD, HCIC, FCAE  
Chair, The Canadian Academy of  
Engineering Energy Pathways Task Force