



## AGENDA

# Economics and Environmental Policy Research Network Research Symposium

March 1st – 2nd, 2018

Canadian Museum of Nature  
Barrick Salon, 240 Macleod St, Ottawa, Canada

## Pre-Conference: FEBRUARY 28<sup>th</sup>, 2018

---

6.30pm: INFORMAL PRE-CONFERENCE WELCOME/MEET-UP

- Bier Markt: 156 Sparks Street

## DAY 1: MARCH 1<sup>ST</sup>, 2018

---

8.30: COFFEE & CONTINENTAL BREAKFAST

8.45-9.00: INITIAL REMARKS & WELCOME

- **Derek Hermanutz** (Director General, Economic Analysis Directorate, ECCC)
- **Stewart Elgie** (Smart Prosperity Institute / University of Ottawa)

9.00-10.20: PLENARY I: *Current Landscape/Clean Innovation Policy Developments in Canada*

- **Frederic Beaugregard-Tellier** (Environment and Climate Change Canada)
- **Chris Johnstone** (Innovation, Science and Economic Development, Canada)
- **Mallika Nanduri Bhatt** (Director General, Natural Resources Canada)
- **Amy Nugent** (Executive Director of Policy, Alberta Climate Change Office)
- **John Marshall** (ADM, Ontario Ministry of Economic Dev. & Growth)

Chair: **Dave Sawyer** (Enviro Economics)

10.20-10.40: DISCUSSION BREAK [Coffee Served]

10.40-12.10: PLENARY II: *Environmental Regulation, Carbon Pricing, and Economic Competitiveness*

- **Antoine Dechezleprêtre** (OECD/LSE): *The joint impact of the EU ETS on carbon emissions and economic performance: Evidence from multiple European micro-datasets.*
- **Richard Morgenstern** (RFF): *Energy Prices and Manufacturing Plant Competitiveness: Empirical Evidence from Canada*
- **Wayne Gray** (Clark University): *Economic impacts on U.S. manufacturing of regional climate agreements and energy price changes.*

Discussants: **Judy Meltzer** (Director-General, Carbon Pricing Bureau, ECCC); **Céline Bak** (Analytica Advisors).

Chair: **Katherine Monahan** (Smart Prosperity Institute)

12.10-2.00: LUNCH

- 1.00-2.00: LUNCH KEYNOTE [WEB]: *Mission-Oriented Policy Frameworks for Clean Innovation.*  
**Mariana Mazzucato** (University College London: Institute for Innovation & Public Purpose]  
Moderator: **Geoffrey McCarney** (Smart Prosperity Institute / University of Ottawa)

2.00-2.55: DISCUSSION SESSION: *Policy Frameworks to Accelerate Clean Innovation & Decarbonisation.*

- **Stewart Elgie** (Smart Prosperity Institute / University of Ottawa): *Policy Frameworks for Clean Innovation*
- **Sara Hastings-Simon** (Pembina Institute) & **Stephanie Cairns** (Smart Prosperity Institute): *Research Needs & Policy Frameworks to move from Incremental Innovation vs. Deeper Decarbonisation*

This project was undertaken with the financial support of:  
Ce projet a été réalisé avec l'appui financier de :



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada



uOttawa

Institut de l'environnement  
Institute of the Environment

2.55-3.10: DISCUSSION BREAK [Coffee Served]

3.10-4.50: PLENARY III: *Carbon Pricing, Climate Policy Mixes & Clean Innovation Outcomes*

- **Carolyn Fischer** (Resources for the Future / Vrije Universiteit / University of Ottawa)
- **Paul Ekins** (University College London: Institute for Sustainable Resources)
- **Margaret Taylor** (L. Berkeley National Laboratory/Stanford University)

Discussants: **Nick Johnstone** (OECD)

Chair: **Vic Adamowicz** (University of Alberta)

4.50-5.00: DAY 1 WRAP

5.00-7.30: RECEPTION: Museum of Nature (Top Floor Gallery Room)

- *Refreshments & Light Dinner Served. Museum Exhibits will be Open.*

## DAY 2: MARCH 2<sup>nd</sup>, 2018

---

8.30: COFFEE & CONTINENTAL BREAKFAST

8.45: DAY 2 WELCOME & INTRODUCTION OF ECCC KEYNOTE

- **Velma McColl** (Earnscliffe)

8.50-9.20: ECCC KEYNOTE: *Environment and Climate Change Canada Policy & Research Priorities: The Pan-Canadian Framework – priorities and substantive challenges going forward.*

- **Stephen Lucas**, Deputy Minister, Environment and Climate Change Canada

9.20-11.00: PLENARY IV [ROUNDTABLE]: *Public Policy & Unleashing Private Investment for Clean Innovation*

- **Peter McArthur** (Royal Bank of Canada)
- **Zoltan Tompa** (Business Development Bank of Canada)
- **Olaf Weber** (University of Waterloo)
- **Rod Lever** (Innovation, Science and Economic Development, Canada)
- **Céline Bak** (Analytica Advisors)
- **Gregor Semieniuk** (SOAS U. London & UCL Institute for Innovation & Public Purpose).

Chair: **Stephanie Cairns** (Smart Prosperity Institute)

11.00-11.20: DISCUSSION BREAK [Coffee Served]

11.20-12.20: DISCUSSION SESSION: *New Data Opportunities for Linked Environment-Economy-Innovation Research:*

- **Neil Bouwer** (Treasury Board Secretariat) & **Greg Peterson** (Statistics Canada): *Overview of Canadian Innovation Programs & New Linked Datasets for Environmental Policy, Competitiveness & Innovation Research*
- **Nick Johnstone** (OECD): *New Data Opportunities for Studying Green Venture Capital*
- **Sandra Schillo** (University of Ottawa): *Linking Web-Scraped Data with Statistics Canada Datasets.*

Chair: **Margaret Dalziel** (University of Waterloo)

This project was undertaken with the financial support of:  
Ce projet a été réalisé avec l'appui financier de :



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada



uOttawa

Institut de l'environnement  
Institute of the Environment

#### 12.20-2.00: LUNCH – TABLE DISCUSSIONS

- 1.00-1.50: BREAK-OUT DISCUSSIONS: *Research Priorities for the EEPRN and SPI Research Partnerships*
  - **[Barrick Boardroom]:** *What are the Clean Innovation Data Gaps?* Leads: **Margaret Dalziel** (University of Waterloo), **Nik Sydor-Estable** (Treasury Board Secretariat)
  - **[Barrick Salon]:** *Clean Innovation in Natural Resource Industries.* Leads: **Peter Phillips** (University of Saskatchewan), **Richard Hawkins** (University of Calgary).

#### 2.00-3.20: PLENARY V: Signaling Policy Predictability for Long-Term Investment in Clean Innovation

- **Ben Cashore** (Yale University)
- **Daniel Rosenbloom** (Carleton University)
- **Maria Carvalho** (Grantham Research Institute, London School of Economics)

Policy Discussant: **John Moffet** (Environment and Climate Change Canada)

Research Discussant: **Stewart Elgie** (Smart Prosperity Institute / University of Ottawa)

Chair: **Leigh Raymond** (Purdue University)

-- Coffee Served --

#### 3.30-4.50: PLENARY VI: Public Institutions & Governance Models for a Low Carbon Economy

- **David Wolfe** (University of Toronto)
- **Brendan Haley** (Dalhousie University)
- **Catherine Beaudry** (Polytechnique Montréal)

Policy Discussant: **Frederic Beaugard-Tellier** (Executive Director, PCF Implementation Office, ECCC)

Partner Discussant: **Vicky Sharpe** (Senior Fellow, IISD & Founding President, SDTC)

Chair: **Michelle Brownlee** (Director, Clean Growth Hub, Innovation, Science and Economic Development, Canada).

#### 4.50-5.00: CLOSING COMMENTS

- **Stewart Elgie** (EEPRN Chair: University of Ottawa & Smart Prosperity Institute)
- **Derek Hermanutz** (Director General, Economic Analysis Directorate, ECCC)

This project was undertaken with the financial support of:  
Ce projet a été réalisé avec l'appui financier de :



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada



uOttawa

Institut de l'environnement  
Institute of the Environment

## About the EEPRN

The Economics and Environmental Policy Research Network (EEPRN), hosted by uOttawa's Institute of the Environment in partnership with Environment and Climate Change Canada (ECCC) and the Smart Prosperity Institute (SPI), works to fund and disseminate cutting edge research on economics and environmental policy priorities for Canada, from our network of over 100 academics across Canada, and internationally.

This project is undertaken with the financial support of the Government of Canada through Environment and Climate Change Canada. This initiative aims at enhancing ECCC's capacity to integrate environmental and economic policy considerations and research into its regulatory functions.

The Network mobilizes over 100 scholars from Canadian universities as well as internationally. The Network builds connections and capacity, fosters greater dialogue between academics and government partners, and generates innovative, policy-relevant research.

### Thank you to our event sponsors:



Social Sciences and Humanities  
Research Council of Canada

Conseil de recherches en  
sciences humaines du Canada

Canada

I V E Y f o u n d a t i o n



**Smart Prosperity  
Institute**

1 Stewart Street, 3<sup>rd</sup> Floor | Ottawa, ON K1N 6N5  
[institute.smartprosperity.ca](http://institute.smartprosperity.ca)