Smart Prosperity Institute

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Greening Growth Partnership & Economics and Environmental Policy Research Network Annual Symposium

27th-28th February 2020
Canadian Museum of Nature -- 240 MacLeod St, Ottawa, Canada

AGENDA

Pre-Conference Workshop: 26th FEBRUARY 2020   [University of Ottawa]

11am - 5.30pm: Circular Economy Data & Modelling Needs in Canada
- Hosted in Partnership with Environment & Climate Change Canada
- Room 4004, Faculty of Social Sciences Building (FSS), University of Ottawa
- Contact research.network@smartprosperity.ca with registration requests.

Annual Symposium: 27th-28th February 2020 [Museum of Nature] – Order of Days

	Thursday 27th February			Friday 28th February	
8:00-8.30am	Breakfast [Barrack Salon]		8:00-8.20am	Breakfast [Barrack Salon]	
8.30-8.45am	Day 1 Welcome: [Barrack Salon]		8.20-9.00am	Informal Breakfast Discussion: [Barrack Salon] *Constitutional Challenge to Carbon Pricing in Canada: Review & Updates*	
8.45-9.30am	Day 1 Keynote (Plenary): [Barrack Salon] Matt Jones, ADM, ECCC *ECCC Policy & Research Priorities*		9.00-9.20am	Day 2 Welcome: [Barrack Salon]	
9:30-9.45am	Discussion Break (Coffee Served)		9:20am-12:15pm	Parallel Sessions	
9.45am-12:30pm	Parallel Sessions			Advancing Low Carbon Mobility Solutions [Barrack Salon] [10.40-11am: Coffee Break]	Climate Policy: Investment, Costs & Competitiveness [Rotunda] [10.40-11am: Coffee Break]
	Designing Agile Regulations for Clean Innovation [Barrack Salon]	Political Economy of Low Carbon Policy [Rotunda]			
12:30-1.45pm	Lunch Break: [Rotunda] 12.30-1pm: Lunch Served 1.00-1.45pm: Lunch Panel (Plenary): *Designing & Implementing Climate Policy: What Worked, What Didn't?*		12:15-1:00pm	Networking Lunch [Rotunda]	
			1.00-1.45pm	Day 2 Keynote (Plenary): [Barrack Salon] John Murton, UK COP26 Envoy *UK Climate Policy Experience*	
1.45-2.00pm	Discussion Break (Coffee Served)		1.50-3.10pm	Plenary: [Barrack Salon] Accelerating to 2050 Targets I: Sustainable Finance: Developing the Incentives to Drive Low Carbon Investment	
2.00-5.30pm	Parallel Sessions		3.10-4.30pm	Plenary: [Barrack Salon] Accelerating to 2050 Targets II: Transitions & Pathways to 2050	
	Designing Regulatory Institutions & Experiments for Innovation [Barrack Salon]	Driving a Circular Economy Transition: Policy & Innovation Approaches [Rotunda]	4.30-4.45pm	Conference Wrap / Closing Comments [Barrack Salon]	
5.30-7.00pm	Reception: Museum of Nature [Rotunda] (Refreshments & Snacks to be Served) Museum of Nature Exhibits Open until 8pm [Free Admission]				

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DAY 1: 27th February 2020 [Museum of Nature]

8.00: COFFEE & CONTINENTAL BREAKFAST [Barrick Salon]

8.30-8.45: INITIAL REMARKS & WELCOME [Barrick Salon]
- ❖ **Ailsa Barry,** VP Experience & Engagement, Museum of Nature
- ❖ **Stewart Elgie,** University of Ottawa / Smart Prosperity Institute & EEPRN Chair
- ❖ **Derek Hermanutz**, Director General (& EEPRN co-Chair), Economic Analysis Directorate, ECCC

8.45-9.30: PLENARY – Environment & Climate Change Canada (ECCC) Keynote [Barrick Salon]
Environment and Climate Change Canada Policy & Research Priorities
- ❖ **Matt Jones,** ADM, Pan-Canadian Framework Implementation Office, ECCC

9.30-9.45: DISCUSSION BREAK [Coffee Served]

9.45-12.30: PARALLEL SESSIONS
1. [Barrick Salon]: DESIGNING AGILE REGULATIONS FOR CLEAN INNOVATON
2. [Rotunda]: POLITICAL ECONOMY OF LOW CARBON POLICY

PARALLEL SESSION #1: Designing Agile Regulations for Clean Innovation [Barrick Salon]
9.45-11.20 [Barrick]: What are the characteristics of regulations that drive clean innovation?
How have agile regulations been designed in practice?
- ❖ **Opening Comments:** Stewart Elgie (uOttawa/Smart Prosperity Institute)
- ❖ **Session Introduction:** Colleen Kaiser (Smart Prosperity Institute) – Session Moderator
- ❖ **Keynote #1:** Miguel Amaral (OECD Regulatory Policy Division - *remote*)
- ❖ **Keynote #2:** Mark Jaccard (Simon Fraser University): *Designing Effective, Efficient, Flexible Regulations: Lessons across Sectors*
- ❖ **Panel:** *Regulatory Efforts & Initiatives in Practice:*
  - Matt Horne (Climate Policy Manager, City of Vancouver)
  - Randy Lucas (Senior Regulatory Analyst, Alberta Utilities Commission)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

  -- 10 min transition (coffee available) –-

11.30-12.30 [Barrick]: Lessons Learned about Enabling an Effective Innovation Ecosystem
- ❖ **Session Introduction:** Martin Olszynski (University of Calgary) – Session Moderator
  - **Speaker 1:** Anna van der Kamp (Director, Policy Analysis & Coordination, Natural Resources Canada)
  - **Speaker 2:** Jerry Koh (Director of Systems Innovaton, MaRS Discovery District)
  - **Speaker 3:** Laura Kilcrease (CEO, Alberta Innovates)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

PARALLEL SESSION #2: Political Economy of Low Carbon Policy [Rotunda]
9.45-11.30 [Rotunda]: Informing Smart Climate Policy Design for a Low Carbon Transition
- ❖ **Session Introduction:** Kathryn Harrison (University of British Columbia) – Session Moderator
- ❖ **Keynote(s) #1:** Erick Lachapelle (U. de Montréal) & Matto Mildenberger (UC Santa Barbara): *A Canadian Climate Policy Panel Survey: Results and Related Research Findings Internationally*
- ❖ **Keynote #2:** Leigh Raymond (Purdue University): *Economic Populism & Carbon Pricing: The Case of Ontario*
- ❖ **Student Presentation:** Michaela Pedersen-Macnab (University of Toronto, Ph.D. Candidate): *The Interaction of Public Green Economy Policies and Non-State Green Economy Initiatives (Prelim. Findings)*
- ❖ **Policy Discussion:** Johanna Leffler (Executive Director, Clean Economy Fund)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

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-- 10 min transition (coffee available) –-

11.40-12.30 [Rotunda]: Political Economy of Border Carbon Adjustments
- ❖ **Session Introduction:** Nathan Lemphers (Smart Prosperity Institute) - Session Moderator
- ❖ **Research Panel:** *New Findings & Ongoing Projects*
  - Stefan Pauer (University of British Columbia, Ph.D. Graduate): *Barriers to Border Carbon Adjustments (BCAs) in Support of Domestic Climate Policies*
  - Aaron Cosbey (International Institute for Sustainable Development (IISD)): *Opportunities for Border Carbon Adjustments (BCAs) in the Current Multilateral Context*
- ❖ **Policy Discussant:** Nick Macaluso (Director, Model Development & Quantitative Research, ECCC)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

12.30-1.45: LUNCH [Rotunda]
1.00-1.45: PLENARY - LUNCH PANEL [Rotunda]
- ❖ ***Designing & implementing climate policy: what worked, what didn't, and lessons for policy development***
  - Andrew Bevan (Former Chief of Staff & Principal Secretary, Office of the Premier of Ontario)
  - Brian Topp (Former Chief of Staff, Office of the Premier of Alberta)
  - Ken Boessenkool (Former Chief of Staff, Office of the Premier of British Columbia)
  - Session Chair : Yaprak Baltacioglu (Former Secretary of the Treasury Board/SPI Steering Committee)

1.45-2.00: DISCUSSION BREAK

2.00-5.30: PARALLEL SESSIONS
3. [Barrick Salon]: DESIGNING REGULATORY INSTITUTIONS & EXPERIMENTS FOR INNOVATION
4. [Rotunda]: DRIVING A CIRCULAR ECONOMY TRANSITION: POLICY & INNOVATION APPROACHES

PARALLEL SESSION #3: Approaches to Enabling Regulatory Experimentation for Innovation [Barrick Salon]
2.00-3.50 [Barrick]: How can regulatory institutions enable or promote experimentalism and innovation?
- ❖ **Session Introduction:** Martin Olszynski (University of Calgary) – Session Moderator
- ❖ **Keynote #1:** Charles Sabel (Columbia University): *Regulatory Experimentalism (RegX): Lessons from Successful Regulatory Experimentation*
- ❖ **Keynote #2:** Jessica Gordon (Senior Attorney, California Air Resources Board (CARB)): *CARB's Experience with Regulation for Low Carbon Innovation*
- ❖ **Keynote #3:** Mark Winfield (York University – *remote*): *Enabling Socio-Technical Transitions: Regulatory Approaches, Barriers and Gaps.*
- ❖ **Moderated Discussion:** Opening Comments from Panelists:
  - Michael Presley (Carleton University)
  - Vicky Weekes (Partner, Stratos)

  -- 10 min transition (coffee available) –

4.00-5.30 [Barrick]: Applications of Regulatory Experimentation (e.g. Sandboxes) for Innovation
- ❖ **Session Introduction:** Stewart Elgie (uOttawa/Smart Prosperity Institute) – Session Moderator
- ❖ **Panel - Applied Challenges in Experiment Design**: Opening Comments/Moderated Discussion
  - Bruce Randall (Head of Centre for Regulatory Innovation, Treasury Board of Canada Secretariat)
  - Ceiran Bishop (Director, Strategic Policy, Ontario Energy Board)
  - Laura Farquharson (Director General, Legislative and Regulatory Affairs, Environment & Climate Change Canada)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

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PARALLEL SESSION #4: Driving A Circular Economy Transition: Policy & Innovation Approaches [Rotunda]
2.00-3.50 [Rotunda]: Practical Insights to Inform the Public Policies & Investments Required for a CE Transition

❖ **Session Introduction:** David Hughes (The Natural Step Canada/CELC) – Session Moderator
❖ **Keynote #1:** Paul Ekins (University College London): *Producer Ownership: Policy Innovation to Align Incentives for the Circular Economy*
❖ **Keynote #2:** Ajay Kochhar (CEO, Li-Cycle Corp): *Advanced Lithium-ion Battery Resource Recovery: Lessons from Implementing and Adopting CE practices*
❖ **Panel – Policy & Practical Approaches to Enabling the Required Transitions:**
  - Barbara Swartzentruber (Executive Director, Smart Cities Office, City of Guelph)
  - Jo-Anne St. Godard (Executive Director, Recycling Council of Ontario)
  - Elise Laferrière (Corporate Affairs & Government Relations, Éco Entreprises Québec)
  - Leah Canning (Director World Circular Economy Forum 2020, Environment & Climate Change Canada)
❖ **Moderated Discussion**: Questions & Discussion of Future Policy-Research Needs

  -- 10 min transition (coffee available) --

4.00-5.30 [Rotunda]: Driving CE Innovation, and Sector-Specific Approaches.

❖ **Session Introduction:** Geoff McCarney (uOttawa/Smart Prosperity Institute) – Session Moderator
❖ **Keynote:** Raimund Bleischwitz (University College London): *Eco-Innovation Frameworks for Driving Innovation in the Circular Economy*
❖ **Panel - Applied Approaches/Challenges for CE Innovation across Sectors:**
  - Stephanie Cairns (Smart Prosperity Institute): *Overview of Best Sectoral Practices Research*
  - Geoffrey Lonca (Polytechnique Montréal): *Evaluating Circularity vs. Environmental Performance*
  - Robert Larocque (Senior Vice President, Forest Products Association of Canada)
  - Steve Morrissey (Executive Vice President, Cement Association)
❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

5.30-7.00: RECEPTION [Rotunda]: Museum of Nature
- *Refreshments & Snacks to be Served.*
- *Museum of Nature Exhibits Open (Free Admission until 8pm)*

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DAY 2: 28th February 2020 [Museum of Nature]

8.00: COFFEE & CONTINENTAL BREAKFAST [Barrick Salon]
8.20-9.00: Informal Breakfast Discussion:
Constitutional Challenge to Carbon Pricing in Canada (Review & Updates).
- ❖ Discussion Leads: Stewart Elgie & Jeremy De Beer (uOttawa Faculty of Law).

9.00-9.15: DAY 2 WELCOME & OBJECTIVES [Barrick Salon]
- ❖ Geoff McCarney (uOttawa / Smart Prosperity Institute)

  -- 5 mins transition (coffee available) –

9.20-12.15: PARALLEL SESSIONS
5. [Barrick Salon]: ADVANCING LOW CARBON MOBILITY SOLUTIONS
6. [Rotunda]: CLIMATE POLICY: INVESTMENT, COST & COMPETITIVENESS OUTCOMES

PARALLEL SESSION #5: Advancing Low Carbon Mobility Solutions [Barrick Salon]
9.20-10.40 [Barrick]: How can regulatory and policy approaches drive low carbon mobility solutions in Canada?
- ❖ **Session Introduction:** Colleen Kaiser (Smart Prosperity Institute) – Session Moderator
- ❖ **Keynote #1:** David Wolfe (U. of Toronto): *The Future of Automobility in the Age of Disruptive Change*
- ❖ **Keynote #2:** David Paterson (VP Corporate & Environmental Affairs, General Motors of Canada): *Policy Options for Canada to Accelerate Progress on the Road to Paris and then Carbon Neutrality*
- ❖ **Policy Discussion:** Megan Nichols (Director General, Environmental Policy, Transport Canada)
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

10.40-11.00: DISCUSSION BREAK [Coffee Served]

11.00-12.15 [Barrick]: Lessons Learned from Demonstration Projects & International Experience
- ❖ **Session Introduction:** Elena Goracinova (University of Toronto) -- Session Moderator
- ❖ **Research Panel:** Opening Comments from Panelists:
  - Jonathan Rubin (U. of Maine): *Reducing GHG Emissions in Transport: State Best Practices & Experience*
  - Lew Fulton (UC Davis): *Enabling the 3 Revolutions (EVs, Connected Vehicles, and Ride Sharing)*
  - Margaret Taylor (L. Berkeley National Labs): *Consumer Roles in Low Carbon Mobility Tech Diffusion.*
  - Aditya Ramesh (CUTRIC): *Zero Emissions Transit & Carbon Smart Innovation for Mobility*
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

PARALLEL SESSION #6: Climate Policy: Investment, Cost & Competitiveness Outcomes [Rotunda]
9.20-10.40 [Rotunda]: Jump Starting Clean Innovation: Tax Incentives & Green Skills
- ❖ **Session Introduction:** Warren Goodlet (Executive Director, Current Analysis & Economic Research, Economic Analysis Directorate, Environment & Climate Change Canada) -- Session Moderator
- ❖ **Keynote #1:** Mike Moffatt (Senior Director, Smart Prosperity Institute): *Tax Incentives for Clean Growth: Balancing Sticks with Carrots*
- ❖ **Keynote #2:** David Popp (Syracuse University): *Can Green Government Spending Facilitate Employment Transitions in a Low Carbon Economy?*
- ❖ **Policy Discussion:** Catherine Peters (Director, Clean Tech & Clean Growth Branch, Innovation, Science & Economic Development, Canada (ISED))
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

10.40-11.00: DISCUSSION BREAK [Coffee Served]

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11.00-12.15 [Rotunda]: Climate Policy: Assessing Cost & Competitiveness Outcomes
- ❖ **Session Introduction:** Beth Rohr (Senior Analyst, Clean Growth Hub, NRCan) -- Session Moderator
- ❖ **Research Panel:** *New Findings & Ongoing Projects*
  - Jeremy De Beer (University of Ottawa): *Intellectual Property's Impact on Clean Innovation*
  - Gregor Semieniuk (UMass Amherst & Institute for Innovation and Public Purpose (UCL) - *remote*): *Public Drivers of Private Investment in Renewable Energy*
  - Nouri Najjar (University of Western Ontario): *Environmental Policy & Firm Export Decisions*
  - Blake Shaffer (University of Calgary): *Household Response to Carbon Rebate Programs*
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

12.15-1.00: NETWORKING LUNCH [Rotunda]

1.00-1.45: PLENARY – Keynote [Barrick Salon]
The Year of Climate Action – How the UK will Achieve its COP26 Ambition
- ❖ **John Murton**, United Kingdom COP26 Envoy at Cabinet Office

    -- 5 mins transition (coffee available) –

1.50-4.30: PLENARY [Barrick Salon]
- ❖ **ACCELERATING INVESTMENT & AMBITION TOWARDS PATHWAYS FOR 2050 TARGETS**.

1.50-3.05 [Barrick]: Sustainable Finance: Developing the Incentives to Drive Low Carbon Investment
- ❖ **Session Introduction:** Geoff McCarney (uOttawa/Smart Prosperity Institute) -- Session Moderator
- ❖ **Panel – Approaches to Accelerating Low Carbon Investment:**
  - Olaf Weber (University of Waterloo): *Strategies & Policies for Integrating the Canadian Financial Sector into Financing a Low Carbon Transition.*
  - Tessa Hebb (Carleton University): *Lessons from Research on Responsible Investment & Impact Investing*
  - Ryan Riordan (Institute for Sustainable Finance, Queen's University): *Climate Risks in Asset Pricing*
  - Joanna Dafoe (Insurance Bureau of Canada): *Assessing the Climate-Related Information Gap for Sustainable Finance in Canada*
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

    -- 10 mins transition (coffee available) --

3.15-4.30 [Barrick]: Accelerating the Transition towards Pathways to 2050 Targets
- ❖ **Session Introduction:** Stewart Elgie (uOttawa/Smart Prosperity Institute) – Session Moderator
- ❖ **Panel – Transitions & Pathways to 2050:**
  - James Meadowcroft (Carleton University): *Building Coalitions to Accelerate a Low Carbon Transition*
  - Steven Bernstein (University of Toronto): *Transformative Policy for Decarbonization*
  - Caroline Lee (Canadian Institute for Climate Choices): *Developing Net Zero Pathways to 2050*
  - Lorne Johnson (Ivey Foundation): *Topic TBC*
- ❖ **Moderated Discussion:** Questions & Discussion of Future Policy-Research Needs

4.30-4.45: CONFERENCE WRAP / CLOSING COMMENTS [Barrick Salon]
- ❖ **Stewart Elgie** (EEPRN Chair: University of Ottawa & Smart Prosperity Institute)
- ❖ **Derek Hermanutz** (DG, Economic Analysis Directorate, Environment & Climate Change Canada)

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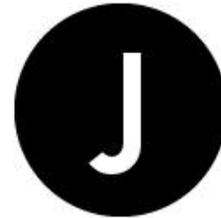Ce projet a été réalisé avec l'appui financier de :

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