

AGENDA

Decarbonization Forum: Charting Waterloo Region's Energy Future

November 17-18, 2016

Balsillie School of International Affairs Room 1-42

DAY 1: VISIONING THE DECARBONIZED FUTURE

- 9:00-9:15 **Opening Remarks and Welcome**
- 9:15-10:30 **Panel 1: State of energy use, energy efficiency, and carbon footprint for the Region**
Dave Roewade - Energy State of the Region
Mary Jane Patterson - Residential Infrastructure and Opportunities
Olaf Weber - Financial Tools and Co-Ops
- 10:30-10:45 Coffee Break
- 10:45-12:00 **Panel 2: Available but underutilized technologies**
Maurice Dusseault - Geothermal, Energy Storage
Klas Bockasten - District Heating
Paul Parker - Heat Pumps
Michael Fowler - Fuel Cells
- 12:00-12:45 Lunch
- 12:45-1:00 **Introduction to the Sectoral Breakouts**
- 1:00-3:50 **Imagining Decarbonized Energy Future Scenarios**
Small roundtable discussions—participants rotating through tables
(Three rounds: 1:00-1:50, 2:00-2:50, 3:00-3:50) focused on:
 1) Residential energy use
 2) Commercial/Industrial/Institutional energy use
 3) Transportation energy use
 4) Methane/Biodiesel/Cellulosic Ethanol
 5) Electricity (PV, Wind, Small scale hydro)
 6) Thermal Energy
- 3:50-4:00 Coffee Break
- 4:00-4:30 **Rapporteurs report back from the group table discussions on future sector scenarios**
- 4:30-5:00 **Plenary Discussion—What do our decarbonized futures look like?**
- 6:00 **Dinner at Black Hole Bistro**

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DAY 2: CHARTING THE PATHS TO THE DECARBONIZED FUTURES

- 9:00-9:45 **Plenary Discussion of Decarbonized Futures: What did we learn yesterday?**
- 9:45-10:45 **Plenary Discussion: Constructing Coherent Scenarios**
- 10:45-11:00 Coffee Break
- 11:00-12:00 **Finding the Pathways to the Decarbonized Futures: Round 1**
Each table will focus on a particular future scenario. More than one table can address a scenario (depending on the number produced).
For each future, the table should address these questions:
1)What is the path to that future? Where do we need to be by 2020? 2025? 2035?
2)What is the infrastructure investment timeline?
3)Which policies (including financial ones) at the municipal, provincial, and federal levels would help us along the timelines?
4)Which policies are inhibitors currently?
5)What are the additional benefits of pursuing this pathway?
- 12:00-1:00 Lunch
- 1:00-2:00 **Finding the Pathways to the Decarbonized Futures: Round 2**
Following the same structure as round 1, participants will switch tables and scenarios.
- 2:00-2:30 **Rapporteurs report back from the group table discussions on pathways and policies**
- 2:30-3:15 **Plenary Discussion on Policy Recommendations:**
What policy changes are needed, and which ones occur across scenarios?
- 3:15-3:30 Coffee Break
- 3:30-4:00 **Plenary Discussion on Co-Benefits: Assessing the Futures & Pathways**
What are the co-benefits of following particular pathways?
How might pursuing decarbonization serve other community goals?
- 4:00-5:00 **Plenary Discussion of Next Steps**
Citizen engagement, Process dissemination, Pilot projects