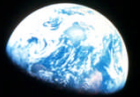




MOPIA • BULLETIN

LEADERS IN OZONE LAYER & CLIMATE PROTECTION



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MOPIA at the 29th Meeting of the Parties in Montreal



The 29th Meeting of the Parties (MOP) to the Montreal Protocol was held in Montreal, November 20-24, 2017.

MOPIA sent several representatives (Kent Cielen, Don Thomson, John Kubilanski, Meghan Skorodenski and Mark Miller) to the 29th MOP to hear about emerging technologies, science data, ODS controls, unique regulatory measures and to liaise with delegates and share Manitoba's success. MOPIA also hosted an information booth (seen above) sharing information with delegates on Manitoba's success with both ozone and climate initiatives. We also profiled Manitoba's recently released Climate and Green Plan. www.gov.mb.ca/climateandgreenplan/index.html

MOP 29 is the first meeting after the acceptance of the HFC targeted Kigali Amendment. Going forward, nations will be obligated to implement control measures (at minimum) consistent to the HFC phase-down schedule adopted by the Parties.

To see a detailed summary of the meeting visit:
<http://enb.iisd.org/ozone/cop11-mop29/21nov.html>
<http://ozone.unep.org/>



UNEP DTIE's Jim Curlin (Senior Programme Officer) with Mark Miller and Don Thomson discussing possible training and capacity building collaborations. Samira Korban-de Gobert (UNEP OzonAction seen above) at MOPIA's booth with MOPIA's John Kubilanski and Meghan Skorodenski.

Kigali Amendment Moves a Huge Step Forward



The Kigali Amendment, (part of the Montreal Protocol), is estimated to avoid emissions of over 70 billion tonnes carbon dioxide-equivalent or potentially reduce the impact of greenhouse warming by 0.5 degrees. It received the green light on November 17 when the minimum threshold of at least 20 nations ratified it. The Amendment will come into force on January 1, 2019 and will see countries reduce HFCs by 80% over the next 30 years. This is huge landmark step forward to protect the global environment.

Canada has already taken first steps to phase-down HFCs. Proposed regulatory measures affect many sectors, including the foam, aerosol, mobile air conditioning and Refrigeration and Air Conditioning sectors. Certain north America auto manufacturers have already voluntarily transitioned to HFO 1234yf refrigerant. HFOs have much less global warming potential (GWP) than traditional refrigerant HFC 134a. It is anticipated other sectors will engineer more efficient and climate friendly systems from fridges to large industrial air conditioning systems, geothermal to vending and cold storage units.

Regulations Amending the **Ozone-depleting Substances and Halocarbon Alternatives Regulations** (the Amendments) have been published in Part II of the Canada Gazette (October 18, 2017). Take note that the Amendments come into force 180 days after publication in Part II of the Canada Gazette, so, **April 16, 2018**.

Keep aware of these changes, they will affect you and/or your business in future...

www.gazette.gc.ca/rp-pr/p2/2017/2017-10-18/html/sor-dors216-eng.php



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Quebec and BC to Mandate White Goods Recycling

British Columbia is moving forward with a Major Appliance Stewardship Plan (currently being reviewed) and Quebec is also. MOPIA is in discussion with the Province of Manitoba and looks forward to progress on white goods stewardship in the new year, 2018. See: www.marrbc.ca/

Montreal Protocol Who's Who

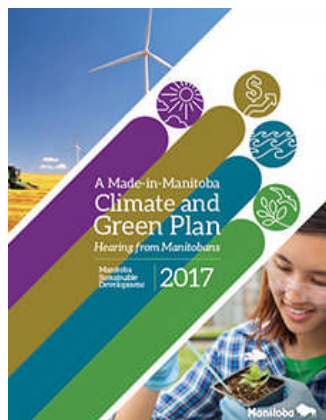


MOPIA's Executive Director Mark Miller is part of the United Nations Environment OzoneAction Who's Who profile on-line book. Individuals included in the on-line profile have played an integral and essential role in ozone protection "for the sake of humanity and life on earth".

Mark raised the concern of CFCs in a presentation to Winnipeg City Council (1988), well before his initial role as Executive Director of MOPIA (1993). His passion for atmosphere (ozone and climate) protection before it become mainstream has led him to roles as a previous Earth Day Canada (Manitoba) Coordinator, Manitoba Climate Change Conference lead, a founding executive director of the Manitoba Geothermal Energy Alliance among other responsibilities. He encourages others to be/do their best!

See who else is included in the on-line book at: <http://montrealprotocolwhoswho.org/>

Have Your Say on Manitoba's new Climate and Green Plan



Manitoba's Premier and Minister of Sustainable Development want your input on Manitoba's new Climate and Green Plan.

A \$25/tonne carbon price is among many other attributes of the Plan.

See and provide comments on the full Plan before the end of December 2017 at: www.gov.mb.ca/climateandgreenplan/index.html

MOPIA Tours Universal Recovery Refrigerant Processor



Blue bottle cylinders seen above. Dave McIsaac (UR), Peter Creran and Mathieu Filion (PureSphera) at UR's Winnipeg Processing Plant.

MOPIA toured Universal Recovery (UR), a unique Winnipeg based refrigerant blue bottle (cold weather extraction) technology processing plant on December 13. Universal Recovery's responsibility is to recover the variety of refrigerants remaining in the air conditioning system from all vehicles processed through the Manitoba Public Insurance (MPI) Corporations (weekly) vehicle auction process. Operating since 1996, Universal Recovery has recovered refrigerant from more than 250,000 vehicles (MPI registered trucks, cars).

The purpose of this initiative is to safely recover refrigerant from vehicles damaged in collisions. Further, to limit and eliminate the release of refrigerants from these vehicles. This is seen as a very positive, responsible approach, and another Manitoba best environmental practice. With CFC 12 (prior to 1996) and HFC 134a (1996-present) the most common refrigerants used in autos, and being among the most potent greenhouse gases, MPI and Universal Recovery have already been leaders in climate protection for years, before many others recognized this as a critically important piece of the climate protection puzzle. Well done!

Resource Corner

International Institute of Sustainable Development
www.iisd.org

International Institute of Refrigeration
<http://iifir.org/medias/medias.aspx?instance=EXPLOITATION&SETLANGUAGE=EN>

United Nations Environment Programme "OzoNews"
<http://web.unep.org/ozonaction/>

Environment & Climate Change Canada - Enforcement Notifications
www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=8F711F37-1