



### International Agreement on HFC Controls to Happen??



Parties to the Montreal Protocol, the world's most successful environmental treaty, are meeting in Rwanda this month to tackle the details of controlling HFCs globally. HFCs are potent greenhouse gases that left uncontrolled will undoubtedly become

among the single greatest (chemical) threat to increasing the globe's temperature, going forward.

HFCs are primarily used as refrigerant gases in a wide variety of applications from your vehicle and home air conditioner to carrier gases in many aerosol consumer products and many other industrial applications.

Manitoba has taken a leadership role and controlled HFCs in terms of restricting their release in the HVAC/R sectors under regulation (MR 103/94), but more needs to be addressed locally and internationally to phase-down or phase-out their production and ultimately their use to safeguard future generations.

See details of the 28<sup>th</sup> Meeting of the Parties at:

<http://ozone.unep.org/en/information-material>

[www.iisd.ca/ozone/resumed-oewg38-mop28/](http://www.iisd.ca/ozone/resumed-oewg38-mop28/)

### Carbon Credits for A/C Refrigeration Systems

As the world embraces the new Paris Agreement on Climate Change, carbon credits, carbon pricing and other mechanisms will continue to emerge that will affect business in the HVAC/R sectors. This seemingly makes sense as we know that CFCs, HCFCs and HFCs are potent greenhouse gases.

In California, carbon credits are being earned for company's installing new more efficient HFC free refrigeration equipment. See details at:

<http://eosclimate.com/>

### Canada Sets Carbon Pricing



On October 3, Prime Minister Justin Trudeau spoke in the House of Commons and announced the Government of Canada will set the first carbon price for the nation at \$10/tonne (2018) and it will increase to \$50/tonne at 2022.

Methods for addressing greenhouse gas (GHG) controls vary and MOPIA has always been aware and engaged on this important issue. Being among the only Canadian organizations having attended the first International Climate Conferences back in the 1990's in Washington DC and also a participant at the Kyoto and Montreal Protocol events.

Phasing down, or out, and controlling use of HFCs is among the most important task as they are the most potent GHGs and have the potential to cause the most dramatic influence on the globe's climate going forward if left uncontrolled.

Manitoba is in process of developing an updated plan and MOPIA will ensure our stakeholders aware/engaged and the Government is aware of possible solutions to this important global challenge. These will likely include new regulatory controls and other methods beyond just financial mechanisms.

The anticipated \$10/tonne initial carbon price is estimated to have an impact on the price at the pump of about .07 cents per litre for consumers.

For additional info, please see these useful links:

[www.ec.gc.ca/?lang=En](http://www.ec.gc.ca/?lang=En)

[www.ccme.ca/en/whats\\_new/article.html?id=60](http://www.ccme.ca/en/whats_new/article.html?id=60)

[www.un.org/climatechange/](http://www.un.org/climatechange/)

<http://newsroom.unfccc.int/>



# MANITOBA OZONE PROTECTION INDUSTRY ASSOCIATION

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## Manitoba's Refrigerant Recovery and Processing Centre



Universal Recovery recently opened their doors to a special inside look at their unique refrigerant processing centre located in Winnipeg (St. Boniface).

Universal Recovery is a Manitoba based company that holds rights to the exclusive Blue Bottle technology. The method to refrigerant recovery and the Blue Bottles allows refrigerant to be recovered in very cold temperatures, which is critical given Manitoba temps dive down to -35C or more during winter. Universal Recovery recovers refrigerant from written-off vehicles in Manitoba at the MPI compound in Winnipeg and works with another company that recovers the refrigerants from Western Manitoba (Brandon) and other locations.

While primarily recovering HFC 134a, other refrigerants have been found and all are safely processed for re-use and/or high heat destruction by a third party contractor. They are Part of the Solution in better ensuring potent GHGs are not released to the atmosphere.

Pictured above: Francois Catellier (Eco-West), Dave (Universal Recovery) and Gerald Pantel (Provencher Appliances)

## California's 2030 40% HFC Plan

California continued its aggressive climate regulatory controls by mandating the reduction of HFCs by 40% by 2030. See details of this new mandate at:

[https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201520160SB1383](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1383)

Issued by The Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 13<sup>th</sup> October 2016. MOPIA does not take responsibility for errors or omissions and does not endorse products, systems, companies or agencies, but may highlight any of these at our discretion as sources for information purposes only. Credits: Credit: UNEP Ozone Secretariat, Chillventa, Manitoba Finance, State of California, Prime Ministers Office (Government of Canada). Editors are Mark Miller, Laura Bjornson and MOPIA's Excom. Please send us comments & article suggestions at [mopia@mymts.net](mailto:mopia@mymts.net). Think Green, Circulate or Recycle when done!

## MOPIA at MARRs 2016 Recycling and Waste Forum



The Manitoba Association of Regional Recyclers (MARR) 2016 Community Recycling and Waste Reduction Forum was held October 12-13 in Winnipeg.

MOPIA's Mark Miller (Executive Director) spoke about white goods and also on the impact of potent greenhouse gases specifically HFCs used in many varieties of HVAC/R applications. The full day event also had speakers from the provincial government, oil, tire, plastics, electronics and construction sectors focusing on how best to reuse and recycle these products.

The event also had a tradeshow/expo where both local stewardship organizations and business showcased their activities. MOPIA's booth highlighted our 2016 Compliance Guide and various Bulletins.

See: [www.marimb.com](http://www.marimb.com) & [www.meia.mb.ca](http://www.meia.mb.ca)

## Certification Training On-going



MOPIA's next one-day environmental & regulation awareness certification class will take place on Saturday, October 15 in Winnipeg at Red River College. Register by email ([mopia@mymts.net](mailto:mopia@mymts.net)) or calling MOPIA at 204.338.2222 / toll free 1.888.667.4203

## Notices & Upcoming Events



Chillventa, 11-13 Oct. in Nuremberg, Germany

[www.chillventa.de/en](http://www.chillventa.de/en)



Be Part of Manitoba's 2017 Budget.

Consultations are happening this month so have your say...

[www.gov.mb.ca/prebudget/index.html](http://www.gov.mb.ca/prebudget/index.html)