



## MOPIA Attends Atmosphere America - PFAS chemical Alert



MOPIA's Kirk Esau (2nd from left) representing MOPIA in Washington DC at AtmoAmerica June 10-11, 2024

PFAS chemicals are being identified for their potential harmful human health attributes. PFAS chemicals are used in a wide array of daily products from popcorn bags to cosmetics, but the focus at this conference is on PFAS in refrigerants.

The Conference also focused on the use of Natural Refrigerants such as hydrocarbons, carbon dioxide and ammonia. These substances are gaining momentum in their use and application.

European nations are set to taking an aggressive approach to restrict and ban PFAS chemicals in future. Canada has not taken aggressive actions to restrict PFAS chemicals yet, but mounting pressure and science will likely drive change to protect human health and the environment.

See more on PFAS Chemicals at:  
[www.fsa.usda.gov/Assets/USDA-FSA-Public/usdafiles/FactSheets/fpac-pfas-fact-sheet-july-2021.pdf](http://www.fsa.usda.gov/Assets/USDA-FSA-Public/usdafiles/FactSheets/fpac-pfas-fact-sheet-july-2021.pdf)

<https://www.fda.gov/food/process-contaminants-food/testing-food-pfas-and-assessing-dietary-exposure>

[https://ozone.unep.org/system/files/documents/OEWG4\\_5\\_ATMO\\_sidevent.pdf](https://ozone.unep.org/system/files/documents/OEWG4_5_ATMO_sidevent.pdf)

## Attend a Free MOPIA Program Awareness Session



MOPIA continues to host Program Awareness Sessions across Manitoba to inform shareholders of upcoming and current events in the industry. As well, to share ideas for potential regulatory amendments that if implemented, would affect our stakeholders. We want to hear from you as well on issues of concern related to the industry and environment.

All sessions are free and include a light lunch or breakfast and refreshments. We look forward to seeing you and hearing your ideas/concerns. Simply register by email at [mopia@mopia.ca](mailto:mopia@mopia.ca) or call 1.888.667.4203 to ensure we bring in enough food and gauge attendance.

Locations and times are as follows:

- **Winnipeg** June 20 7:45 – 9 am at the Cindy Klassen Rec Centre
- **Selkirk** June 25 Noon – 1pm Canalta Inn
- **Portage la Prairie** June 26 Noon Microtel
- **Winnipeg** June 27 Noon – 1pm Cindy Klassen RC
- **Morden** July 17 Noon – 1pm Best Western
- Thompson TBA
- Swan River TBA
- Winkler TBA

These dates and locations may change so please let us know if you plan to attend by emailing [mopia@mopia.ca](mailto:mopia@mopia.ca). We will confirm the dates, times and locations by email in advance.



Follow MOPIA on Facebook, Instagram, LinkedIn and TikTok to keep up to date!

Find us @ [manitoba.mopia](https://manitoba.mopia.ca)

# MOPIA

## Manitoba Ozone Protection Industry Association

### Technology Transfer In The ODS Industry

Despite being 17 years old, Andersen, Sarma, and Taddonio's *Technology Transfer for the Ozone Layer: Lessons for Climate Change* still contains some valuable lessons about the utility of technology transfer when it comes to the implementation of environmental conventions. The book's goal is to change the perception of technology transfer and influence debate surrounding it by examining its helpfulness in the case of the Montreal Protocol to advocate for its future use. Technology transfer is the act of intentionally passing on tech, or know-how, from one party to another in order to absorb it into their production function. So far, the book has covered the contours of technology transfer, the background of climate agreements, how technology change works in developed countries and how the military and space agency utilized technology transfer in implementation of the Montreal Protocol. In 2024, we see a modern example of technology transfer in the UNEP/UNIDO project with the Indian authorities to develop sustainable alternatives to dichlorodiphenyl-trichloroethane (or DDT) which was the world's first modern synthetic insecticide. Despite its usefulness in combating insect-borne human diseases, DDT is toxic to humans and animals. The Stockholm Convention on Persistent Organic Pollutants limited the DDT to mosquito control, and as of January of this year, only 9 countries continued to use DDT to control the spread of malaria. The cost-effective and sustainable alternative developed by the partnership is the production of bacillus thuringiensis-based and neem-based biopesticides which kill mosquito larvae yet are safe for humans and other aquatic animals, and the manufacture of Long-lasting insecticidal nets. Technology transfer has allowed UNEP and UNIDO to protect both the people of India and the environment. Even more recently, UNIDO was granted 22.4 Million to support a number of projects including Kigali Implementation Plans, as well as projects related to ODS banks and energy efficiency. The Kigali Implementation plans were approved for seven different countries including Armenia and Honduras and are projected to reduce 539,000 tons of CO2 equivalent emissions. UNIDO's commitment to sharing technology with myriad countries and places accelerate the implementation of environmental conventions and make innovative climate action plans seem possible.

### Next MOPIA Certification Training Session is June 20

MOPIA will be hosting our next in-class certification training session in Winnipeg on Thursday, June 20 at the Cindy Klassen Recreation Centre at 9:15 am-3:30 pm.

If you or an employee requires the one-day certification, this is the class for you. While also available via an on-line program, the in-class format is still preferred by many.

The cost for participating is \$210 per person. Please register by calling us or email [mopia@mopia.ca](mailto:mopia@mopia.ca), or text 204 599 8988

### ODS New Updates



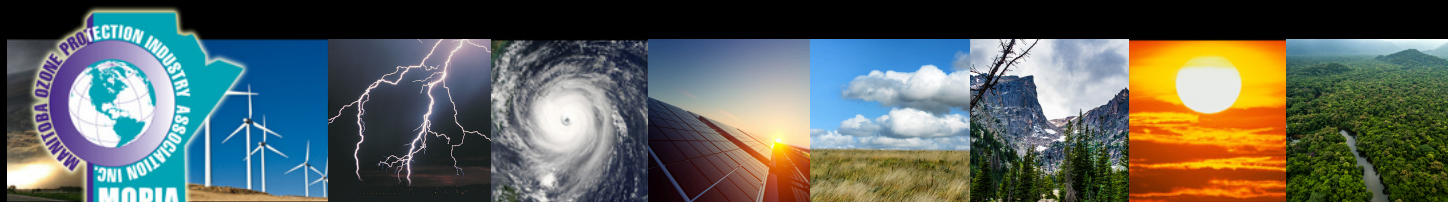
Environnement et  
Changement climatique Canada

Environment and  
Climate Change Canada

### Consultation document: Review of the Ozone-depleting Substances and Halocarbon Alternatives Regulations

Environment and Climate change Canada is looking for feedback from all industry's who work with HFC's. Canada's HFC phase out plan reach 40% reduction as of January 1, 2024. They are looking to reduce it further to 70% by 2029 and are reaching out to all industry's who may be affected and asking questions or concerns or challenges which may come along with these changes. They are looking for feedback until August 9 2024.

To read more and how to communicate your concerns please visit : <https://laws-lois.justice.gc.ca/eng/Regulations/SOR-2016-137/>



Issued by the Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 18th of June, 2024. 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: ATMOSphere, Environment and Climate Change Canada. Editors are Mark Miller, Claire Grisliis, Brookelynn Waite, Seaira Shewchuck, Jaeden Morris and MOPIA's ExCom. Please send comments & article suggestions to: [mopia@mopia.ca](mailto:mopia@mopia.ca).  
Aussi disponible en français. Think Green! Circulate or Recycle when finished!