



DID YOU KNOW?

Here's why taking action against climate change matters:

- Human-induced climate change has already caused observable effects in Thunder Bay, as seen through prolonged heatwaves, torrential rainstorms, rising Great Lakes temperatures, and droughts over the last few decades!
- By taking bold, urgent action- we can help to mitigate these effects in our region and strengthen our adaptive capacity as a community!



WHAT CAN WE DO?

Here's some ways the City of Thunder Bay and area are taking action:

- The City of Thunder Bay's [EarthCare Sustainability Plan](#) was created in partnership with our community, to help mitigate and adapt to climate change. This plan includes actions to achieve communal sustainability, reduced greenhouse gas (GHG) emissions, and improved social, cultural, and economic wellbeing.
- The City's [Climate Adaptation Strategy](#) was created with a mission to reduce the risks of climate change impacts through climate monitoring, education strategies, and community initiatives.
- The City has a [Stormwater Management Plan](#) in place to help mitigate the effects of climate change through drought, extreme weather, and runoff adaptation strategies.
- The City has a [Transportation Master Plan](#) and [Active Transportation Plan](#) that, when implemented, would substantially improve public transit and active transit infrastructure. For example, additional bike lanes and the installation of express route systems.
- The [Community Energy and Emissions Plan](#) will provide actionable steps for Thunder Bay to become a net-zero carbon neutral city by 2050.
- [Lakehead University's Sustainability Action Plan](#) offers methods to improve current sustainability practices on our local campus from 2019-2024.
- [EcoSuperior](#) offers active transportation programming, litter-prevention programs, and environmental education presentations year-round to help individuals take direct action in our community.
- The [Lakehead Region Conservation Authority](#) manages the natural resources in our watershed, playing a significant role in flood preparedness, mitigation and protection, as well as offering climate change and other environmental education opportunities and education within their conservation areas.
- [The Refill Co.](#) is a local business that offers an array of low-waste, household, and beauty products to help our community live more sustainably.
- The [Thunder Bay Food Strategy](#) offers a 'food directory guide' to help our community get



connected with local growers and producers. Their vision is to contribute to the economic, ecological, health, and social well-being to the Thunder Bay area.



Here's how you can take action in our community:

- Get Political: How do you want to make your voice heard? You can join one of [EarthCare's Working Groups](#) to share your ideas, become a [Community Partner](#) to support the implementation of the EarthCare Sustainability Plan, or urge your [member of provincial or federal Parliament](#) to take bold climate action! There are also several local grassroots, some specifically for youth, that are fighting the crisis. For example, [Environment North](#), [CUSP \(Citizens United for a Sustainable Planet\)](#), and [Fridays For Future Thunder Bay](#) are excellent initiatives to take part in. National groups such as [350.org](#) can also help you to stay informed and take political action; from signing petitions, to on-the-street protests!
- Educate: Educating ourselves and others is the first major step to taking action against climate change. Take a look at [Climate Change TBay's](#) locally relevant collection of resources on the current impacts of climate change in our community, climate research and a detailed list of solutions and actions to take.
- Transportation: Transportation is one of the greatest contributions to anthropogenic GHG emissions.² Investing in greener transportation options such as a City of Thunder Bay Public Transit pass, electric powered bikes or cars, carbon offsets for flying, or participating in EcoSuperior's Active Transportation programming are all great options for reducing our impacts locally!
- Eat: Did you know that eating a mostly plant-based diet can reduce GHG emissions? Similarly, growing your own food, or choosing to buy local foods from the [Tbay Country Market](#) or [Roots to Harvest](#) can be equally as rewarding! Additionally, [Tbay Food Strategy's Get Fresh Guide](#) is a great tool for finding local growers, producers, and markets in our area.
- Home: Make your home resilient to climate change! Whether you get a home energy audit done from [EcoSuperior](#), plant more trees, invest in [solar energy](#), [compost](#), install a [rain garden](#), or [rain barrel](#) for water harvesting- your home will be well prepared for any changes that come your way.



TAKE ACTION NOW!

- *Communicate about climate change*
- *Encourage decision makers to take action*
- *Get involved with community initiatives*

REFERENCE:

¹ EarthCare Thunder Bay. (2018) Climate Adaptation. <https://www.thunderbay.ca/en/climate-adaptation.aspx>. Accessed: 2021-03-05.

² United States Environmental Protection Agency. (2020). Fast Facts on Transportation Greenhouse Gas Emissions. <https://www.epa.gov/greenvehicles/fast-facts-transportation-greenhouse-gas-emissions>

THIS RESOURCE IS BROUGHT TO YOU BY:

- CITIZENS UNITED FOR A SUSTAINABLE PLANET
- EARTHCARE – CITY OF THUNDER BAY
- ECOSUPERIOR ENVIRONMENTAL PROGRAMS
- ENVIRONMENT NORTH
- FRIDAYS FOR FUTURE – THUNDER BAY CHAPTER
- LAKEHEAD REGION CONSERVATION AUTHORITY
- LAKEHEAD UNIVERSITY – SOCIAL SCIENCES AND HUMANITIES
- RESEARCH COUNCIL
- MATAWA FIRST NATION MANAGEMENT – FOUR RIVERS ENVIRONMENTAL GROUP
- ONTARIO NATURE
- THUNDER BAY DISTRICT HEALTH UNIT – NORTHERN ONTARIO HEALTH AND CLIMATE CHANGE COLLABORATIVE

FOR SOURCES AND MORE INFORMATION, VISIT:
WWW.CLIMATECHANGETBAY.COM