

TTW Sustainable Production Resources

The work that our industry does has an impact on the environment. We aim to take steps to reduce that impact. One of the first steps is to educate our workforce on the impacts of climate change. The notes below provide an overview from the course and a few additional resources.

Climate Science Overview

- Scientific consensus summarized in reports by the Intergovernmental Panel on Climate Change (IPCC). 1.5C above pre-industrial temperature has been agreed by countries as an appropriate threshold beyond which climate change risks become unacceptably high. [Read the Special Report here.](#)
- See current and historic levels of [CO₂ concentrations](#) scientists have been measuring in the atmosphere since the 1960s.
- Global average temperature has risen 1.1 degrees Celsius since the pre-industrial period. See the [2023 report](#) from the United Nations Environment Programme (UNEP).
- The largest source of global warming is the burning of fossil fuels due to greater concentrations of greenhouse gases have put the Earth's energy equilibrium out of balance. [Facts about the climate emergency](#) from the UNEP.

What is Sustainable Production?

Sustainable production is incorporating practices into the production process that reduce negative environmental impacts, engage positively with the cast, crew, and community to promote health and well-being, and align with the overall production budget. ***What role can you play on production?:***

- Collaborate to plan effectively in prep to reduce on the fly decision making that can lead to waste.
- Commit to reducing the use of fossil fuels – explore alternatives to diesel generators, fly less, drive hybrid or EVs, take public transit, bike, plan your location sites and schedule well.
- Commit to reducing and reusing materials – food service ware, used/second hand design clothes, wardrobe, or props, reusable water bottles, go paperless (digital). Carbon emissions *increase* the more we purchase new and the more we need to dispose of.
- Increase plant-based options in your diet, buy local, buy in bulk, buy items with eco-labels (e.g., Organic, FSC).

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- Use energy efficient technologies (e.g., LED lights, replace diesel generators with battery power, Energy Star appliances)
- Ask questions of your vendors – this has zero cost. Seek out innovative, green products and services to use – there are cool alternatives out there!
- Talk about what you're doing to reduce your impact – tell your story, inspire others!

Sustainable Production Resources:

Guidance, Materials, and Best Practices

1. [Telefilm Canada](#)
 - a. [Budget Template and Sustainability Plan](#): (download from)
 - b. [Environmental Sustainability](#): Strategy, Research and Resources
 - c. [Production Program for fiscal 2024-2025](#)
2. [Reel Green](#)
 - a. [Green vendors in BC](#)
3. [Ontario Green Screen](#)
 - a. [Green vendors in Ontario](#)
4. Conseil québécois des événements écoresponsables (CQEER) and [On Tourne Vert/Rolling Green](#)
 - a. [Répertoire des fournisseurs - Québec](#)
5. [Green Production Guide](#) - USA
6. [Albert](#) (UK)

Industry Impact Reports

1. [Estimating the Carbon Footprint of Canada's Audio-visual Sector](#). Telefilm Canada (2024)
2. [Screen New Deal](#) - albert and ARUP (2020)
3. [Close Up: Carbon Emissions of Film and TV Production](#) - Sustainable Production Alliance (2021)
4. [CBC Preliminary Industry Report on Production Carbon Emissions](#) – CBC (2023)
5. [Advancing Waste Management Practices in Ontario's Film and Television](#) – Ontario Green Screen/Ontario Creates (2023)