

Suggestions provided by participants and mission staff to improve environmental sustainability

Main Themes	Sub-themes	Meaningful Units	Who	Source
Optimizing the Food System	Reducing food waste	-less waste on food containers	Mission Staff/Yukon	Survey
		-Well, I mean there's a lot of food that hasn't been eaten, sometimes in the cafeteria that I see.	Participant/Yukon	Interview
	Minimizing packaging	-Reduce food waste Less wrappers	Participant/Yukon	Survey
		-Less waste (especially with food packaging) -For packing lunches there was a lot of garbage	Participant/Alaska	Survey
	Using reusable tableware	-Reusable cutlery, plates, cups	Participant/Yukon	Survey
	Controlling portion	-Smaller portion sizes (limit food waste)	Mission Staff/Yukon	Survey
	Avoiding disposables	-Don't use paper plates and single use plastics	Participant/Yukon	Survey
	Reducing unsustainable packaging	-Using less environmentally unfriendly packaging for food	Participant/Northwest Territories	Survey
	Eco-friendly cutlery choice	-Switch to paper/wood cutlery in all venues and food stalls.	Mission Staff/Northwest Territories	Survey
	Excessive packaging waste	-There was a great deal of waste(food) and also many pre-packaged foodstuff.	Mission Staff/Alaska	Survey
	Food waste recycling program	-Food waste Recycling	Mission Staff/Alberta North	Survey
	Wooden cutlery	-Bamboo cutlery	Mission Staff/Nunavik	Survey
Collaboration with eco-conscious food vendors	-Using food vendors that reduce packaging and waste	Mission Staff/Alaska	Survey	

	Plastic-free cutlery	-No plastic cutlery	Mission Staff/Yukon	Survey
Enhancing the Transportation System	Reducing travel distance	-Have a closer venue so we can burn less gas driving people to the events -Whenever possible Lodging closer to sports installations (no more long bus drives)	Participant/Yukon	Survey
		-by doing the shuttles, just like not going to the hub every single time and just doing all round trips.	Participant/Yukon	Interview
		-Having events within walking distance of each other.	Mission Staff/Yukon	Survey
	Green transportation	-More environmentally friendly transportation	Participant/Northwest Territories	Survey
		-Eco-friendly vehicles	Mission Staff/Northwest Territories	Survey
	Carbon-neutral transportation	-More carbon-free transport	Participant/Alaska	Survey
	Encouraging public transit	-That is a great way, I think, to encourage people to use public transit and not rely on vehicles and things like that.	Participant/Alberta North	Interview
	Alternative transportation options	-Find different transportation then gas guzzling busses	Participant/Alaska	Survey
	Spectator shuttle service	-Shuttle service for spectators to all events to reduce parking lot of idling vehicles (also a Northern tradition). -Offer shuttle services to the spectators	Mission Staff/Alberta North	Survey
	Optimized bus schedules	-Smart bus schedules	Mission Staff/Alaska	Survey
Minimizing bus transportation	-Reduce the requirement of busses, 4 hours of busses for 1 sport is ridiculous	Mission Staff/Northwest Territories	Survey	

		-less bussing	Participant/Yukon	Survey
Promoting Awareness and Information	Remind of indigenous land significance	-Remind us that it is indigenous land and not wasteland	Participant/Nunavut	Survey
	Interactive pop-up events	-Doing more pop-up events based on how we can help	Participant/Alberta North	Survey
	Climate change awareness pins	-Pins related to climate change	Participant/Alaska	Survey
	Incorporating environmental presentations	-Include an environmental presentation like the cultural presentations	Participant/Alberta North	Survey
	Regional environmental research collaboration	-Research with environmental specialists in each region	Participant/Nunavut	Survey
	Increasing signage and promotion	-More promotion, I haven't seen one sign	Participant/Alberta North	Survey
	Enhancing the visibility of information	-Maybe a little more visible information	Mission Staff/Greenland	Survey
	Informative displays and promotional materials	-Displays and promotional materials	Mission Staff/Northwest Territories	Survey
	Food waste prevention information	-Information about avoiding food waste	Mission Staff/Greenland	Survey
	Online and wall promotions	-Promote more online and on walls	Mission Staff/Alaska	Survey
	Sustainability education initiatives	-Education around sustainability and how AWGs is actively supporting this	Mission Staff/Northwest Territories	Survey
	Sustainability awareness seminars and posters	-Awareness seminars and posters	Mission Staff/Alaska	Survey
	Promoting athlete responsibility	-Promote responsibility in the athletes	Mission Staff/Alaska	Survey

	Engage kids with Northern Cultures	-Invite the kids to be more in contact with the Northern Cultures	Mission Staff/ Alberta North	Survey
	Enhancing the visibility of environmental message	-The environmental message could be more visible during the Games	Mission Staff/ Sápmi	Survey
	Promote recycling awareness among athletes	-Provide direction for athletes to use recycle bins	Mission Staff/ Alberta North	Survey
	Highlighting environmental actions	-Talking about what they are doing	Mission Staff/ Yukon	Survey
	Youth-oriented recycling education	-Communicate the importance of recycling to youth.	Mission Staff/ Northwest Territories	Survey
	Amplify information campaign	-There must be more information campaign	Mission Staff/ Greenland	Survey
		-It could be a campaign under AWG	Mission Staff/ Greenland	Interview
	Increasing visibility	-By visibility. A lot more. And for example, here in MacDonald Island Park, there are some tables and they were showing something about Indigenous women who were murdered and...	Mission Staff/ Greenland	Interview
Waste Management practices	Sharing recyclable clothes	-I don't know if our clothes are recycled or not	Participant/ Greenland	Survey
	Waste labeling improvement	-Better waste system, with labels what pieces of garbage can be recycled, composted, etc.	Participant/Yu kon	Survey
	Widespread recycling and composting facilities	-Have recycling and composting available everywhere as much as possible (even hotels)	Mission Staff/ Nunavik	Survey
	Increasing recycling access	-More recycling availability	Participant/ Alberta North	Survey

		-More recycling station	Participant/ Yukon	Survey
		-Have easily accessible recycle bins	Mission Staff/ Yukon	Survey
	Waste sorting	-Sorting through garbage/ recycling at the cafeteria	Participant/ Northwest Territories	Survey
	Enhancing waste separation	-Recycle between food and waste and plastic and paper	Participant/ Sápmi	Survey
	Promoting composting practices	-Compost	Participant/ Yukon	Survey
	Enhancing waste disposal accessibility	-Have clear recycling bins and garbage bins around all the venues, and in restrooms	Participant/ Northwest Territories	Survey
		-More accessible waste disposal	Participant/ Yukon	Survey
	Compostable foodware	-Compostable utensils/to go containers	Participant/ Northwest Territories	Survey
	Accessible composting and recycling facilities	-Having composts and recycling accessible	Participant/ Yukon	Survey
	Efficient waste sorting	-Set up appropriate waste sorting	Mission Staff/ Northwest Territories	Survey
Advocating for Waste Reduction	Early distribution of athlete kits	-Handing out the bags early to all athletes which contained water bottles and lunch bags.	Participant/ Nunavik	Survey
	Avoiding plastic packaging for pins distribution	-Not giving the pins out in little plastic bags which makes a lot of waste	Participant/ Northwest Territories	Survey
		-The tiny plastic bags from the pins were left everywhere including outside	Participant/ Alaska	Survey

Eliminating plastic containers and utensils	-Getting rid of the plastic containers and plastic utensils for food	Participant/ Northwest Territories	Survey
Minimizing plastic packaging	-They can minimize using plastic even for the packaging of things they give us	Participant/ Greenland	Survey
Reducing plastic and Styrofoam usage	-less plastic and Styrofoam	Mission Staff/ Yukon	Survey
	-Less plastic waste (backpacks, water bottles and such, items that people already have and do not need more of)	Participant/ Nunavut	Survey
	-Use less plastic	Participant/ Northwest Territories	Survey
Minimal waste bagged lunches	-Less wasteful materials included for bagged lunches	Mission Staff/ Nunavut	Survey
Reducing single-use plastics	-Fewer single use plastics	Mission Staff/ Yukon	Survey
Eco-friendly food packaging for participants/spectators.	-Using more environmentally friendly food packaging for the athletes/spectators	Mission Staff/ Alaska	Survey
Eliminating unnecessary light-up bracelets	-To not give out those useless brackets with the light in it for the opening ceremony	Participant/ Yukon	Survey
Providing athletes with water bottles	-Make sure each athlete had a water bottle from the very beginning	Mission Staff/ Nunavik	Survey
Eliminating the environmentally unfriendly batons	-The styrofoam batons didn't seem very environmentally friendly (assuming they weren't quinoa)	Mission Staff/ Alberta North	Survey
Optimizing reusable material usage	-So I feel like not having a stack of towels in each room helps kids use only what	Participant/ Northwest Territories	Interview

		they need, and I think that's important.		
	Having water refill stations	-More water fountains to fill reusable water bottles	Mission Staff/ Alaska	Survey
		-Water station instead of plastic bottles	Mission Staff/ Nunavut	Survey
Optimizing Energy Usage	Energy consumption reduction	-Trying to reduce electricity use	Participant/ Northwest Territories	Survey
	Energy conservation	-Less gas wasting on transport	Participant/Yu kon	Survey
	Reducing driving and pollution-free location	-Less driving required, choosing a location for AWG that is not dumping pollution into the sky (we drove by Suncor multiple times daily and witnessed this)	Mission Staff/ Northwest Territories	Survey
	Reducing reliance on fossil fuels	-Less use of oil/gas through transportation	Mission Staff/ Nunavut	Survey
	Minimize carbon footprint from transportation	-Distance between venues and athlete's village required lots of driving leaving an enormous carbon footprint	Mission Staff/ Northwest Territories	Survey
	Renewable energy production	-Green energy generation	Mission Staff/Yukon	Survey
Effective Management and Planning	Reviewing best practices from other events	-Look at what was done at the Canada Winter Games in Whitehorse in 2007 regarding composting, garbage, recycling especially at the food service and resident areas	Mission Staff/ Yukon	Survey
	Optimizing athlete proximity	-Locate athletes villages closer to competition venues	Mission Staff/ Northwest Territories	Survey
		-I think something else that could be considered is just kind of the distance we're travelling constantly	Participant/ Alberta North	Interview

	-I know it's hard to find venues that are closer together, but if they could try, that would be better. Or even just by making our accommodations closer like the Village.	Participant/Yukon	Interview
Rejecting oil Companies' Sponsorship and collaboration	-Not support oil camps for example	Mission Staff/Nunavik	Survey
	-Do not take money from "big oil" companies	Mission Staff/Alaska	Survey
	-Don't be sponsored by an oil company	Participant/Yukon	Survey
Having environmental fundraiser	-Maybe have a fundraiser to go towards circumpolar environmental issues	Participant/Nunavut	Survey
Dedicating environmental volunteers	-Perhaps more volunteers designated to environment.	Mission Staff/Northwest Territories	Survey
Uniforms with better and Eco-friendly material	-Uniforms that are not made in China of cheap materials	Mission Staff/Alaska	Survey
Reducing the frequency and size of events	-Less frequent events (every three or four years) and smaller teams	Mission Staff/Yukon	Survey
Providing digital passes	-Use digital passes instead of plastics	Mission Staff/Alaska	Survey
Carbon offset and tree planting initiatives	-Offsetting or tree planting donations	Mission Staff/Alberta North	Survey
	- Plant trees	Mission Staff/Nunavik	Survey
Enhancing the sustainability enforcement	- Being more strict about sustainability	Participant/Nunavik	Survey