

# Update on

2022

# Commitments

Mtl  
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Summit



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## Update on 2022 Commitments

The 2022 Montréal Climate Summit resulted in ambitious climate commitments from the City of Montréal, Hydro-Québec, Ivanhoé Cambridge, Tourisme Montréal, the Direction régionale de la santé publique de Montréal (DRSP) and the Centre hospitalier universitaire de Montréal (CHUM).

This update reports on the progress, challenges and next steps in implementing these commitments. The Update on 2022 Commitments is also the subject of a session at the 2023 Climate Summit, during which each organization will share its experience and discuss it with members of the public.

<https://www.sommetclimatmtl.com>

<https://climatmontreal.com>

# City of Montréal

## Buildings

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### Commitments

Implement the roadmap for zero-emission buildings by 2040.

### Progress

The public consultation on the roadmap has been completed and the commission's report has been tabled.

The City has partnered with Hydro-Québec to decarbonize the territory's buildings and a tripartite implementation committee with Énergir and Hydro-Québec has been formed.

Municipal building decarbonization has been accelerated with \$60 million in funding from the Government of Québec.

### Next steps

Implement mandatory reporting of all fuel-burning heating appliances.

GHG performance thresholds for new buildings come into effect in 2024 and 2025.

Implement the follow-up to the public consultation recommendations.

## Adaptation et resilience

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### Commitments

Work with the Direction régionale de santé publique de Montréal (DRSP) to anticipate how climate change will impact the health of Montréalers as well as social and territorial equity issues.

Increase Montréal's resilience to the impacts of known climate hazards on its territory.

### Progress

The City has established a methodology to prioritize and keep a record of trees planted in areas that are vulnerable to heat waves.

The City of Montréal and the DRSP are working together for the Transition en commun process.

A monitoring mechanism for urban heat islands has been established to track mitigation measures.

The 2015 vulnerability analysis produced as part of the 2015–2020 climate change adaptation plan for the agglomeration of Montréal has been updated and made public.

### Next steps

Identify areas of intervention that are most vulnerable to heat waves, heavy rainfall, destructive storms, droughts and floods through risk assessment and new tools to measure the city's capacity to adapt to climate change.

# Ville de Montréal

## Climate budget

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### Commitments

As part of the Montréal Climate Plan 2020–2030, add a climate chapter to the City’s annual budget and financial statements in order to make climate considerations part of policy, action and budget decision-making.

### Progress

An initial version of a climate budget has been added to the City’s 2024 budget.

### Next steps

Identify any gaps between outcomes and the City’s reduction targets.

Strengthen the City’s efforts, particularly in terms of reducing GHG emissions.

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## Biodiversity

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### Commitments

Help protect biodiversity under the Montréal Climate Plan 2020–2030.

### Progress

The 15th Conference of the Parties (COP15) to the United Nations Convention on Biological Diversity (CBD) was held in Montréal and concluded with adoption of the Kunming-Montréal Global Biodiversity Framework.

The City of Montréal collaborated with the 7th Summit for Subnational Governments and Cities, during which the Mayor of Montréal, Valérie Plante, invited cities from around the world to commit to biodiversity through 15 concrete actions. To date, 58 cities on five continents, including several cities in Québec, have signed the Montréal commitment on biodiversity.

The 2022-2027 Montréal: A Biodiversity Territory to Support the Protection of Pollinators plan was launched.

A species-at-risk fund was created to develop conservation and research work on threatened species.

A series of actions over 20 years has been announced to expand and re-green Parc du Mont-Royal.

# Hydro-Québec

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## Commitments

Partnership agreement between Hydro-Québec and the City of Montréal to decarbonize the buildings sector and to implement best practices in energy efficiency.

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## Progress

An implementation committee with the City of Montréal and Énergir has been formed to determine how best to implement various solutions, including dual energy.

Hydro-Québec took part in the public consultation on the roadmap for zero-emission buildings in Montréal by 2040.

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## Challenges

The immense challenge of the energy transition requires the collaboration of all stakeholders in the Montréal community.

The challenge of developing a common vision among stakeholders for implementing peak demand management tools, including dual energy, to reflect the realities of the electrical grid.

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## Next steps

Conduct an awareness campaign on peak demand management tools (e.g., Hilo, dynamic pricing).

Hold meetings with the City of Montréal to implement the collaborative agreement.

Analyze the commission's recommendations.

# Ivanhoé Cambridge

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## Commitments

Reduce the carbon intensity of its Montréal assets by 55% by 2030 over 2017.

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## Progress

For office buildings, a detailed plan was adopted to achieve the 55% target and work has commenced (the work will include: installation of heat pumps, electric boilers, heat recovery and operational savings).

For other asset classes (shopping centres, hotels and logistics), energy efficiency studies have been conducted for the most carbon-intensive properties.

Pilot projects have been identified to reduce fuel consumption.

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## Challenges

Installing new technologies in larger, older buildings that pose certain challenges in terms of the timeline for achieving the expected reductions.

Combining the redevelopment of our properties (adding services and intensity of activities) with a reduction in the assets' carbon intensity.

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## Next steps

Use the results of energy studies completed in the past year to establish timelines and budgets for achieving targets at the portfolio and individual asset levels.

Begin or continue work in accordance with the established timelines.

Continue to work with our partners and managers to identify and implement additional projects to reduce our carbon intensity.

# Tourisme Montréal

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## Commitments

Deploy Tourisme Montréal's sustainable tourism strategy (*Destination harmonieuse*).

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## Progress

In summer 2022, Tourisme Montréal launched its carbon footprint calculator for tourism stays in Montréal.

Also in summer 2022, the Visitor's Promise was launched to encourage travellers to choose responsible actions.

Several blog posts were written on the Tourisme Montréal website to share itineraries for walking and biking around the city.

Free training was given to Tourisme Montréal members on the key sustainable tourism concepts.

Tourisme Montréal's first carbon footprint assessment and carbon offsetting was performed for all business travel by its employees, clients and media guests for 2022, representing just over half (56.6%) of the organization's total carbon footprint.

An internal sustainable procurement and purchasing policy was created to encourage the local economy (to date, 100% of the promotional products purchased are designed in Quebec by local artisans and 90% are manufactured or made in the province).

An internal responsible procurement committee was formed.

Three events initiated by Tourisme Montréal and two international conventions were certified under the BNQ standard for Responsible Event Management.

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## Challenges

Maximizing the scope of initiatives by selecting the preferred means of reaching target audiences.

Measuring the real impact of Tourisme Montréal's actions.

Achieving a common understanding of sustainable development throughout the Tourisme Montréal team so its members can carry the vision of a sustainable travel destination.

Completing all Tourisme Montréal's projects, in line with its ambitions and with available resources.

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## Next steps

Maximize the positive social impact of Tourisme Montréal through its own initiatives while inviting the community to move in this direction.

Continue to offer training and workshops on sustainable development to our members.

# Direction régionale de la santé publique (DRSP) de Montréal

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## Commitments

Implement the June 2022 agreement between the DRSP and the City of Montréal on joint projects to fight climate change.

Continue to mobilize and support the 10 institutions of the Montréal health system in the fight against climate change.

Assess how vulnerable territories and populations are to the climate hazards that are likeliest to occur in the Montréal region.

Identify and prioritize climate change adaptation measures based on their positive impacts on reducing vulnerabilities and social inequalities in health.

Mobilize DRSP levers to support citizen participation and the engagement of civil society stakeholders for the socio-ecological transition.

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## Progress

A community of practice consisting of the system's 10 institutions was created to update their sustainable development plans.

The DRSP promoted the sustainable development action plan of the CIUSSS du Centre-Sud-de-l'île-de-Montréal, which finalized its annual GHG emissions report as well as an action plan targeting sustainable development and GHG reduction actions.

The first phase of a project to assess the territory and population's vulnerabilities to climate hazards was finalized and a public health adaptation plan was developed for the Montréal region.

The DRSP supported projects that address enabling environments, climate change adaptation and reduction of social inequalities in health at the neighbourhood level (e.g., housing, active transportation, local food system).

The DRSP worked with the Transition en commun project and plans to help support its rollout.

A provincial climate change monitoring plan with regional components was developed.

The DRSP participated in preventive awareness campaigns on heat waves, climate change and community resilience.

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## Challenges

Internally, ability to free up capacity in a post-pandemic recovery environment.

Externally, ability to prioritize climate change action within the health care system with the juxtaposition of several crises.

An upcoming health reform that will mobilize many institutions and may lead to a period of instability.

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## Next steps

Develop a climate change adaptation plan that focuses on public health issues.

Jointly with Transition en commun, implement a project to map community assets for climate change in order to foster resilience and strengthen social capital.



# Centre hospitalier universitaire de Montréal (CHUM)

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## Commitments

Aim for carbon neutrality by 2040, without compromising quality of care.

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## Progress

More than 15 conferences and in-house information sessions were organized for the various clinical bodies, and the CHUM Library created a monthly update for health literature monitoring on carbon neutrality in health.

Three internal positions were created for carbon neutrality and environmental health.

A strategic committee on carbon neutrality and sustainable development was created and two departmental carbon neutrality committees were formed.

An initial assessment of the CHUM's GHG emissions was performed for scopes 1 and 2, and a partial assessment of scope 3 emissions was conducted.

Opportunities to reduce GHG emissions from the CHUM's use of natural gas were evaluated.

A discussion was held with INESSS, the provincial and federal health departments, and Environment and Climate Change Canada to prioritize and plan for health care decarbonization.

The CHUM's N<sub>2</sub>O pipeline was shut down and desflurane is now recaptured.

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## Challenges

Need to increase the level of understanding about the climate crisis, its impact on health and how to solve the problem by reducing GHG emissions.

Lack of knowledge about available alternatives that combine emissions reduction and quality of service.

Lack of data on CHUM emission sources.

No obligation for suppliers to quantify their GHG emissions for their products and services.

Lack of concrete plans in Québec and Canada to decarbonize the health sector.

Construction of a new building without regard to GHG emissions.

Weaknesses in green building certification systems.

Care and research that fail to factor in GHG emissions.

Shortage of staff in key positions to develop emissions reduction expertise and implement projects.

Additional workload resulting from the change.

Perception of recycling as a primary means of action.

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## Next steps

Offer training for managers and create an awareness and communication program on the climate crisis and actions to reduce GHGs.

Seek new partners inside and outside the health community to encourage and achieve GHG emission reductions.

Make technical improvements for heating, ventilation, humidification and hot water at CHUM facilities.

Optimize clinical work based on scope 3 emissions assessment and address health care hot spots (e.g., inhalers, dosers, anesthetic gases, and single-use equipment).

Develop responsible procurement.

Encourage use of the laundry service and medical device reprocessing unit.

Decrease the proportion of solo commuting trips by fuel-powered vehicles.

Reduce waste through better sorting and increased recycling.



# Thank you to the financial partners of the Montreal Climate

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