



Table of contents

	Foreword	3
1.	Our distinctive approach	9
2.	A multi-scale application	14
3.	A proven track record	19
4.	Results that reflect our commitment	. 34
5.	Next steps	40

FOREWORD

Committed to resilience

FOREWORD

FOREWORD



At our firm, whose mission is to create living spaces and opportunity for all, resilience is embedded in every aspect of our work. Whether through the design of flexible urban environments that can adapt to climate change, or through the creation of inclusive and accessible spaces that strengthen social cohesion, we believe we not only have the capacity—but also the responsibility—to transform our environment in response to the challenges we face today.

Driven by these challenges, our professionals are rethinking how we design living environments. This includes proposing solutions that can mitigate environmental impacts—from increasingly frequent torrential rains and wildfires to hurricanes—in order to help cities become more resilient.

The affordable housing crisis is another key concern. Convinced that everyone should have access to a roof over their head, we're working with industry partners and stakeholders on a pilot project that reimagines housing design by combining economic efficiency, rapid deployment, and architectural quality.

The affordable housing crisis is another key concern. Convinced that everyone should have access to a roof over their head, we're working with industry partners and stakeholders on a pilot project that reimagines housing design by combining economic efficiency, rapid deployment, and architectural quality.

Our vision is clear: design is a powerful lever for social and environmental transformation. Our creative expertise drives us to design spaces that not only meet present needs but anticipate and adapt to those of tomorrow.

Together, we are building stronger, more inclusive, and more sustainable communities.

Louis T. Lemay

President and Excellence Facilitator

Making urban resilience a creative force

EQUITY

WALUE



The climate is changing visibly and irreversibly. Our cities are already on the front lines, bearing the brunt: intense heat waves, extreme precipitation, repeated flooding, and growing pressure on resources and infrastructure. The time for anticipation has passed; now is the time to respond because we can still soften the blow, and—more importantly—turn adversity into a driver of positive transformation.

How? Through tangible urban resilience, embedded from the very beginning of design processes that treat planning not at the scale of a project, but as part of an ecosystem. This means deploying nature-based solutions, resource management strategies, and building a new kind of architecture.

The building, as the fundamental unit of the city and a site of habitation, work, care, and culture, must also become resilient: optimally oriented, naturally ventilated, designed to handle heat, collect or redirect water, powered locally by renewable energy, and built with sustainable materials. Both autonomous and interconnected, it should remain operational even under extreme stress. More than efficient, it should protect, heal, and adapt.

This vision of resilience is grounded in the combination of smart design and engineering,

enlightened land use, and social engagement. A laneway transformed into a community garden becomes a cool refuge, a place to gather, and a link in the ecological network. A neighbourhood threaded with shaded, walkable paths supports public health. A school built with bioclimatic principles becomes a cool landmark for the entire area.

The tools already exist. The data is available. The know-how is here—more than ever. What's needed now is courage: the courage to innovate beyond convention, to leave outdated models behind, and to embrace sustainable development as a guiding principle.

Let's treat resilience not as a checkbox, but as a creative stance. In doing so, we'll shape built environments that care for their people, and for their place.

The climate is testing us. Let's rise to the challenge—and shape a more liveable future, together..

Hugo Lafrance, LEED Fellow, WELL Faculty
Associate, Director – Sustainability

4 NET POSITIVE REPORT

EQUITY

WALUE



Responsible governance

In a constantly evolving world, our profession calls us to continuously rethink our approach to designing and creating living spaces. That same need for innovation and adaptability has also led us to reflect on our internal culture and organizational structure.

This collaborative approach, anchored in listening to our teams and analyzing their valuable feedback, aims to establish exemplary governance that supports our operational excellence while securing the long-term sustainability of our firm. At the heart of this transformation is a clear vision: a company that is agile and accountable at every level of decision-making.

For our clients, this evolution promises smoother collaboration and greater responsiveness to their needs. The organizational model we're implementing encourages intrapreneurship and accountability, empowering our professionals to deliver innovative, tailored solutions while upholding the high level of expertise for which we are known.

For our teams, this transformation creates an environment where both personal and professional growth can thrive. By identifying and valuing individual talent, we're building an ecosystem where everyone can meaningfully contribute to our collective success—and to their own..

This renewed operational framework is the foundation for an organization that merges agility with creativity, where the excellence of our craft aligns with our social and environmental commitments. It is in this spirit that we continue to design meaningful spaces, sustainable living environments, and inclusive communities.

Guided by the core values that make Lemay not only a leader in architecture and design, but a committed civic actor shaping a better future, we are writing the next chapter of our story.

Catherine Vu

Executive Vice President





Equity, Diversity, Inclusion and Justice

Lemay recognizes the challenges of historically underrepresented groups and acknowledges its role as a leader to promote and advocate for social justice.

EDIJ committee co-chairs

Aslam Kassam
Associate, Project Director, A.T.

Julia Pascutto
OAA Architect, MRAIC, NCARB, LEED® Green Associate
Design Director, Architecture

Vivian Ton

OAA Architect, MArch, BA

Architectural Designer



As a provider of services that directly impacts communities, we are committed to providing an equitable, diverse, and inclusive working environment for all team members so that each person feels respected and valued and that no form of discrimination is acceptable.

EDIJ principles:

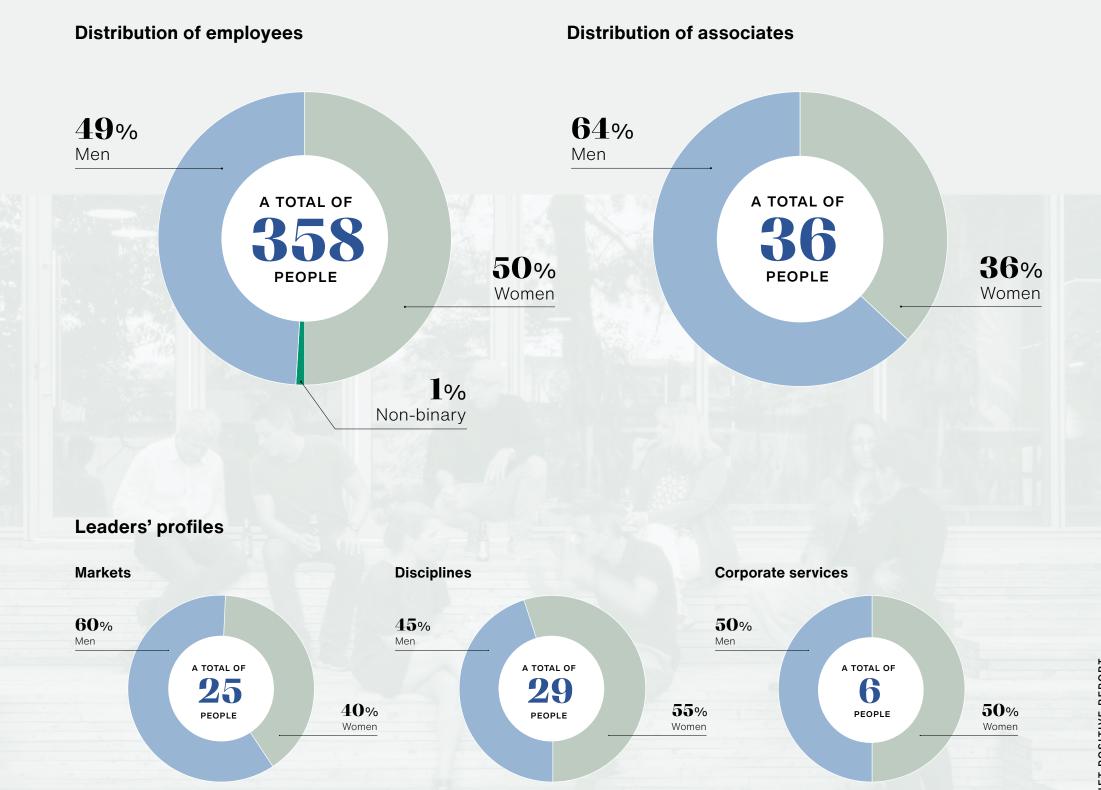
Pledge

- Verify
- Measure
- Advocate

- Act

EDIJ committee and working groups

Comprised of both front line and management team members from across the firm, this committee manages Lemay's EDIJ policy and action plan. The EDIJ committee is supported by three working groups managing education, communications, and social initiatives.



2024 NET POSITIVE REPO

Key Initiatives



Provide learning and professional development tools through the collaboration between Lemay and the Canadian Centre for Diversity and Inclusion.



Develop a guide to exemplary practices in inclusive and accessible design supported by internal/ external training sessions and regular communications on key EDIJ topics.



Create safe spaces for dialogue around EDIJ and share concerns, including employee resource groups, anonymous discussion platforms, and open forums for the entire Lemay team.



Strengthen accountability, transparency, and community engagement through codesign approaches, awareness-raising activities, internal philanthropic initiatives, and pro bono community projects.



Cultivate recognition and inclusion by building a sense of belonging, increasing visibility, supporting research on related topics, and conducting team composition surveys to improve representativeness.



Promote psychological and physical well-being by implementing flexible and hybrid work policies as well as providing access to telemedicine platforms.

Our distinctive approach



NET POSI+IVE



When it comes to health, the environment and carbon, we are seizing every **opportunity** to generate positive benefits for clients, users and the community.





HEALTH

"Social determinants of health (SDOH) are the nonmedical factors that influence health outcomes."

CENTERS FOR DISEASE
CONTROL AND PREVENTION

ENVIRONMENT



"Restoring natural ecosystems is a priority for the environment."

GLOBAL FOOTPRINT

CARBON



"To limit global warming, we need strong and rapid reductions in carbon dioxide and methane."

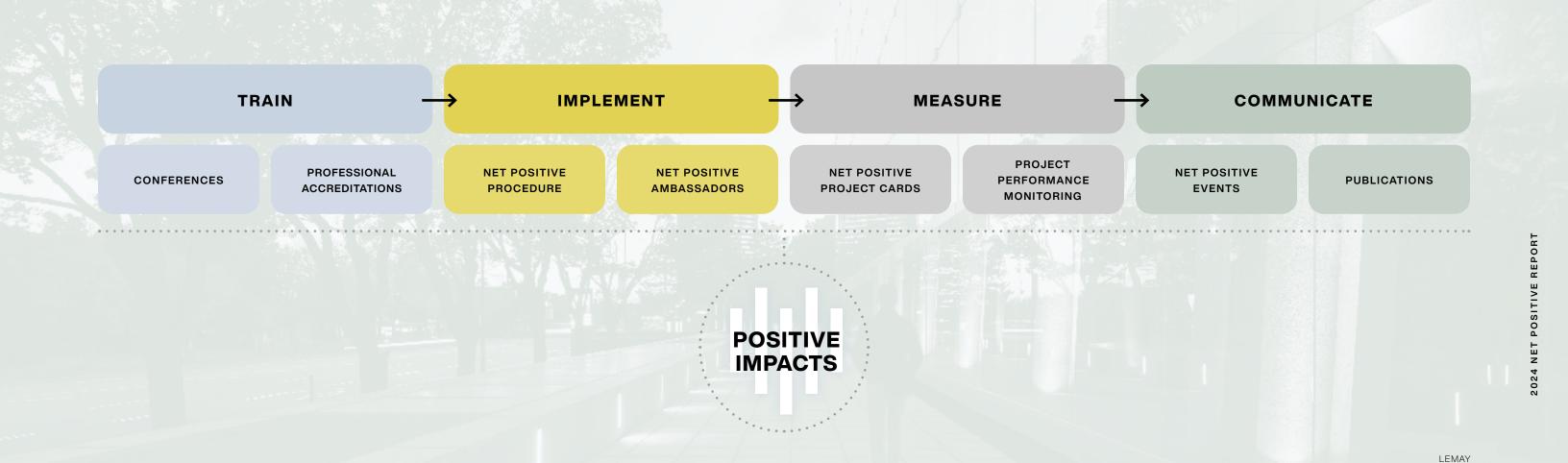
IPCC INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

NET POSI+IVE

An approach that creates sustainable value in all aspects of Lemay's practice.

Beyond standards and certifications, NET POSITIVE informs our practice and guides our decisions.

Supported by a transdisciplinary committee, our approach is enriched by ongoing training, the rigorous application of sustainable principles, performance monitoring and the sharing of best practices:



NET POSI+IVE

Benefits



Healthy environments for users and the community.



Enhanced brand images for a greater potential of notoriety and attractiveness.



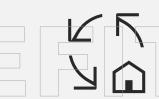
Ecological footprint reductions a collective responsibility and a priority for future generations.



Significant savings on operating costs and capital costs identical to that of a comparable project.



Improved social acceptability to facilitate the approval process of projects.



Superior and long-term returns on investments which translate into higher market values.

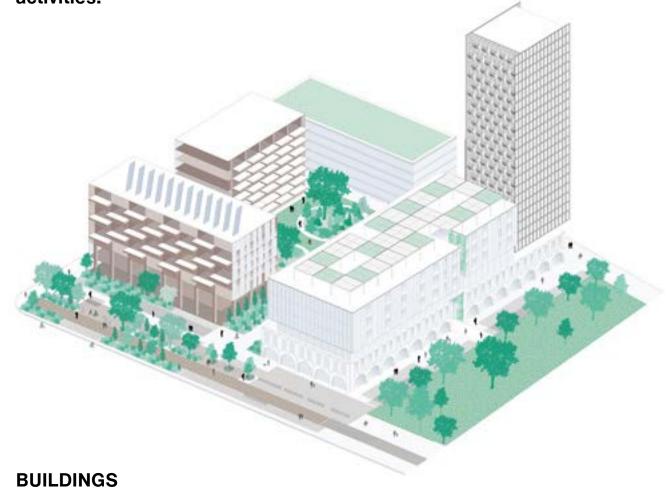
A multi-scale application

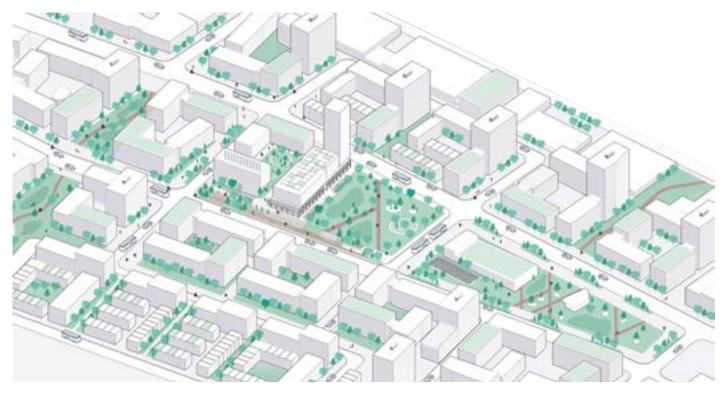


A mutli-scale application

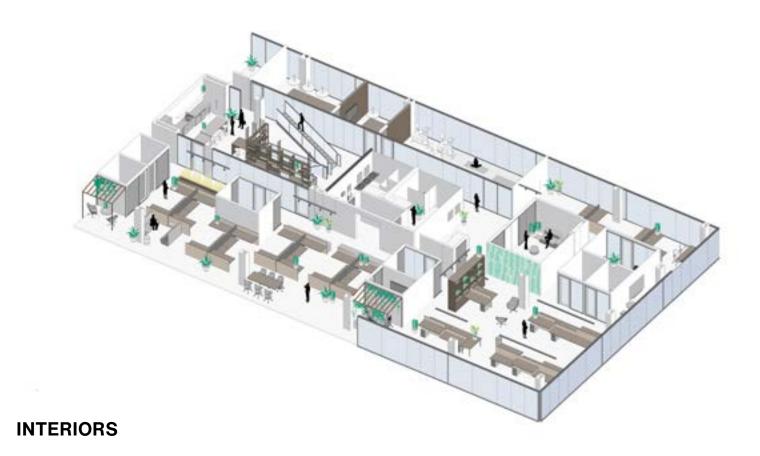
Applying NET POSITIVE to all of our markets and disciplines.

This approach favours the creation of sustainable, resilient living environments at all levels of Lemay's activities.





NEIGHBOURHOODS



Resilience at the neighbourhood scale

Transforming neighbourhoods and creating new urban developments represent major opportunities to build cities that are resilient in the face of climate challenges.

The neighbourhood scale allows for the optimization of green and energy infrastructure while creating inclusive public spaces forming a key foundation of our sustainability approach.

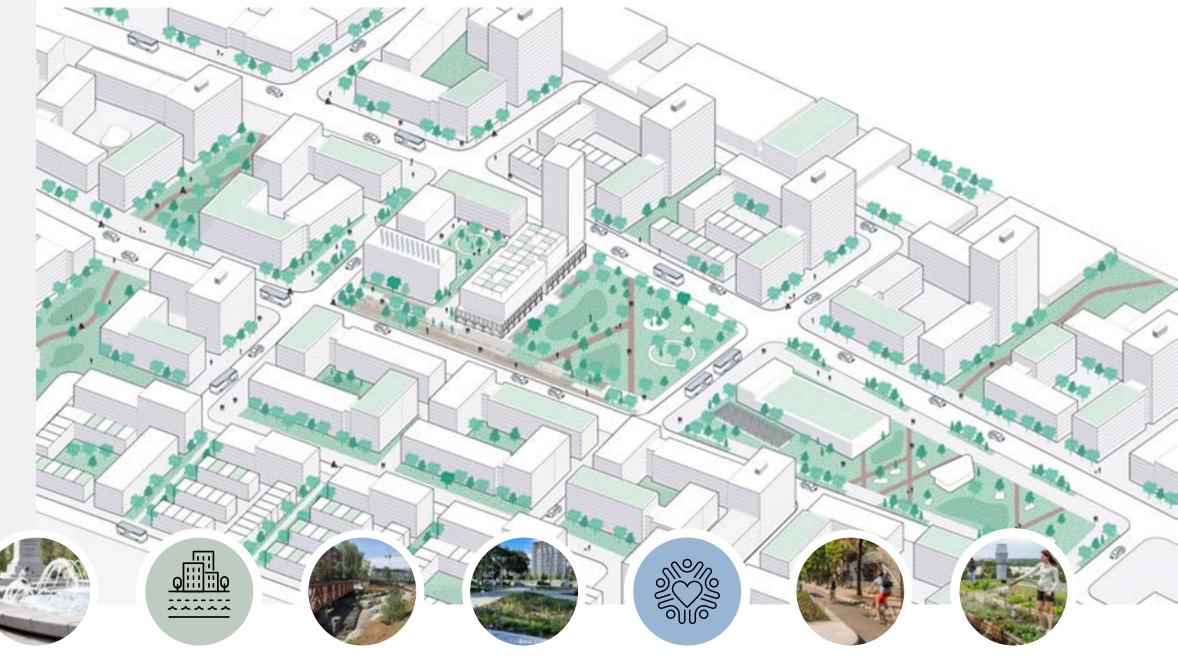






Climate mitigation

- Canopy increase
- Heat island reduction
- Surface demineralization
- Greenery and biodiversity



Rainwater management

- Greening of a high percentage of public areas
- Implementation of green infrastructure:
- Sponge parks
- Bioswales
- Rain gardens and bioretention areas

Community resilience

- Promotion of sustainable mobility in land-use planning
- Inclusion of urban agricultural spaces to promote food security
- Development of cooling islands

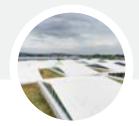
24 NET POSITIVE REPOI

Resilience at the building scale

Our commitment to sustainable development is reflected in every project, whether new or existing, through an innovative approach to creating resilient buildings.

By integrating healthy materials, cutting-edge energy technologies, and active design strategies focused on user experience, NET POSITIVE becomes a tangible reality across all our built environment projects.



















Environmental protection

- Implementation of green and white roofs
- Selection of weather-resistant materials:
- High winds
- Fire resistance
- Other climate-related risks

Energy efficiency

- Intelligent insulation strategies
- Passive cooling systems
- Solar thermal gain control through fenestration
- Limited window-to-wall ratios

Resource management

- Efficient roof and foundation drainage systems
- On-site renewable energy generation
- Thermal/electrical energy storage:
 - Ensures autonomy during outages
 - Helps reduce peak demand

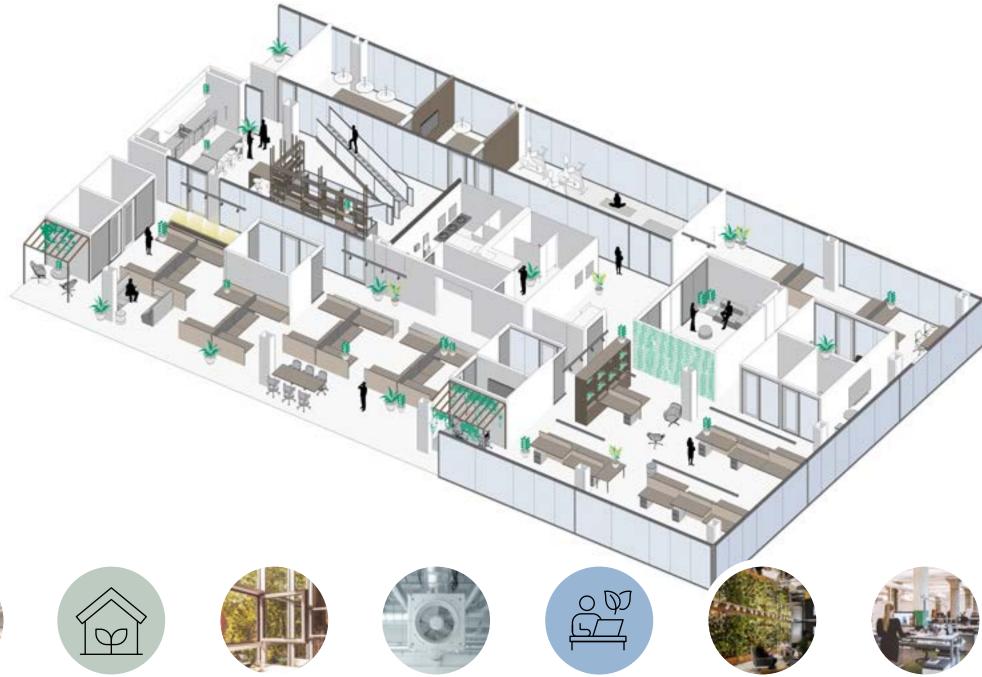


024 NET POSITIVE REPOR

Resilience at the interior scale

Our interior design prioritizes occupant health and wellbeing while optimizing the use of the built environment.

Through intelligent energy management, green spaces, maximized natural light, and layouts that support mobility and interaction, we help create enriching and lasting living environments.









Energy management

- Selection of energy-efficient equipment
- Reduction of internal loads
- Automated lighting controls:
 - Time-based programming
 - Occupancy sensors

Occupant comfort

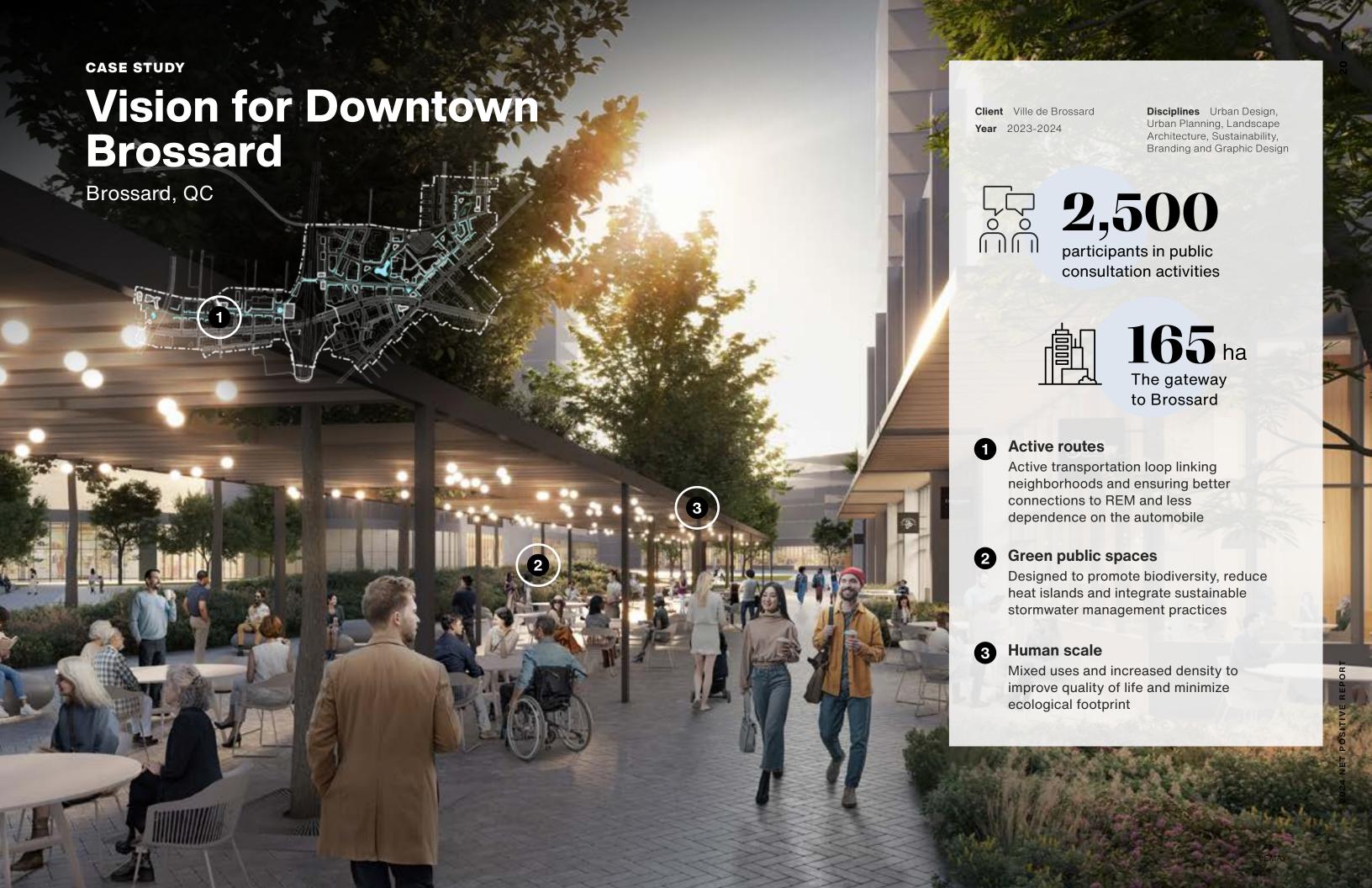
- Air quality monitoring systems:
- Window opening guidelines
- Appropriate filtration
- Modulated speed of fresh air ventilation
- Solar heat gain control (sunshades)
- Individual thermal comfort equipment

Space adaptability

- Layouts that respond to the evolving nature of work life
- Use of biobased materials
- Application of biophilic design principles

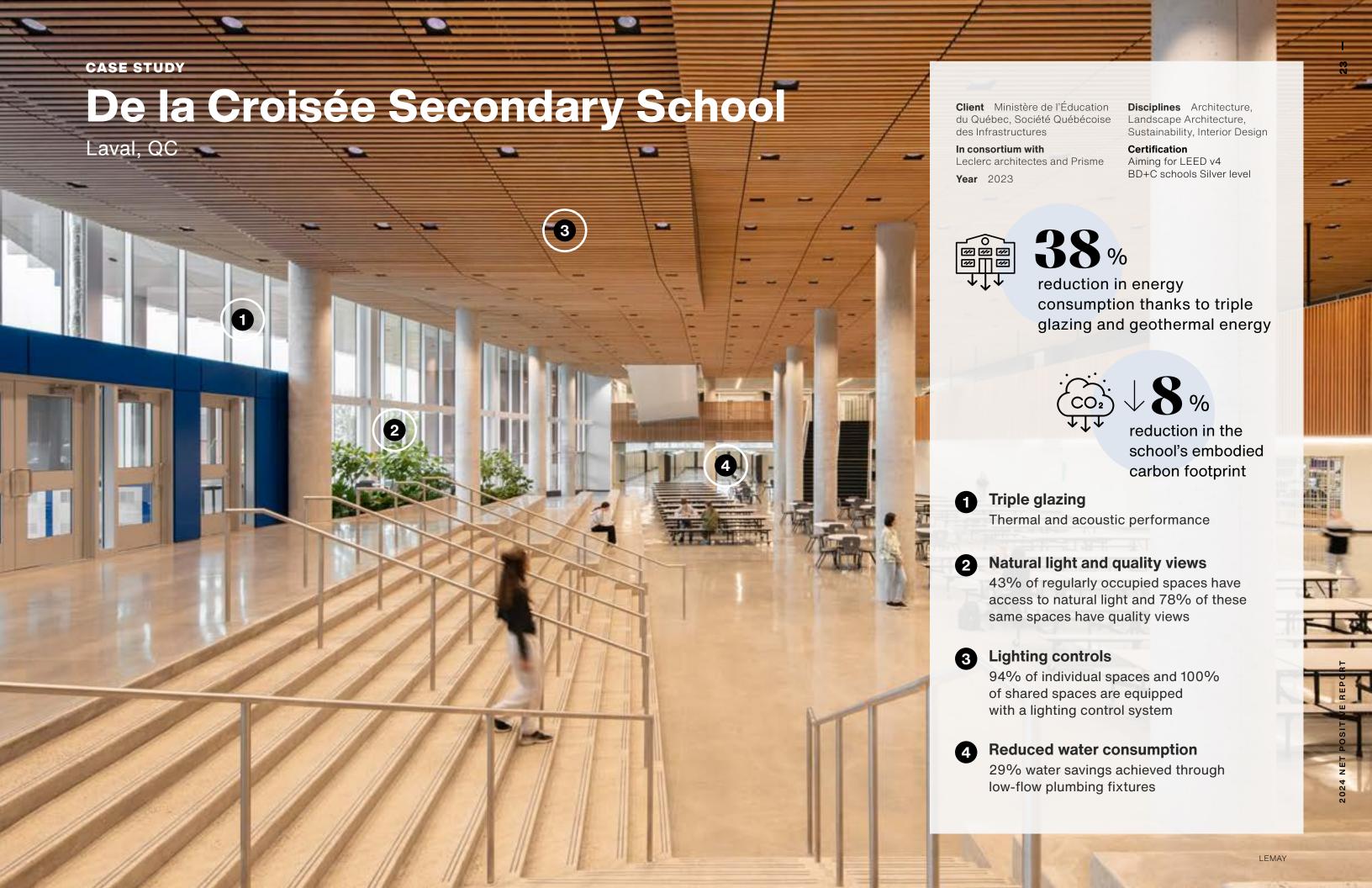
A proven track record











CASE STUDY

Chambly Secondary School

Chambly, QC

du Québec, Société Québécoise des Infrastructures In consortium with Leclerc architectes and Prisme **Year** 2023

Client Ministère de l'Éducation

Disciplines Architecture, Landscape Architecture, Sustainability, Interior Design

Certification

LEED v4 BD+C schools Gold level



reduction in the school's embodied carbon footprint



50% reduction in energy consumption thanks to triple glazing and geothermal energy

1 Active mobility

Promoting health and reducing greenhouse gas emissions

Reduced water consumption 34% water savings through lowflow plumbing fixtures

Appropriable landscaping 43% of the site is made up of appropriable outdoor spaces

4 Natural light and quality views 58% of regularly occupied spaces have access to natural light, and 76% of these

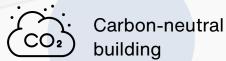
same spaces have quality views

LEMAY



Client Université de Sherbrooke

Disciplines Architecture, Landscape Architecture

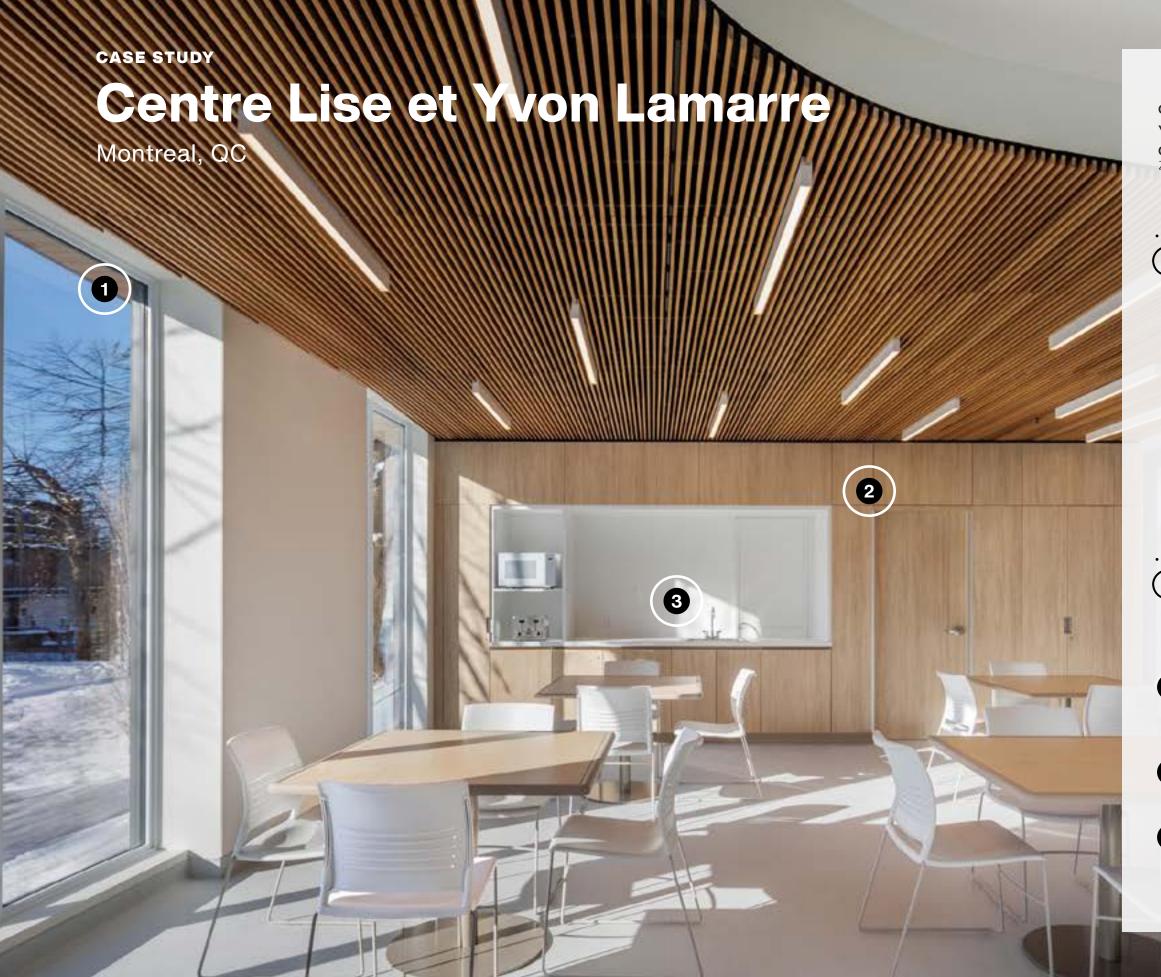




Design focused on user well-being

- **Energy efficiency** Energy loop, recuperative coolers
 - and geothermal energy
- **User well-being** Natural light, quality views
- Biophilia and outdoor connection Landscaped courtyard and
- **Heat island reduction**
 - White roofs and landscaping





Client Fondation Yvon Lamarre

Year 2022

Certification

Zero Carbon Building (ZCB)

Disciplines Architecture, Landscape Architecture, Sustainability, Interior Design



129 kg co₂ e/m² embodied carbon

Use of low-carbon materials and a partially wood-based structure



95 kWh/m² year

Thermal Energy Demand Intensity (TEDI) of only 37 kWh/m² year



kg co₂ e/year Operational carbon

100% electric heating

- **Energy efficiency** Energy-efficient systems and optimized building envelope
- **Indoor air quality** Use of low-VOC finishing materials
- 3 Reduced water consumption Low-energy appliances and outdoor landscaping with native plants

Client Saint Joseph's Oratory of Mount Royal Year 2024 **Disciplines** Architecture, Landscape Architecture, Sustainability, Urban Design

Certification

Aiming for LEED BD+C (2009) Silver level



36%

reduction in water consumption



33%

reduction in energy consumption

Heat island reduction

Vegetated areas make up 40% of the site's surface, along with a white roof to minimize heat retention

2 Local food

A vegetable garden is included onsite to promote the consumption of locally grown food

3 Reuse of materials

Restoration of the carillon bells and creation of gabion walls using reclaimed materials

CASE STUDY

Saint Joseph's Oratory of Mount Royal arrival experience

Montreal, QC



ω

Client Société Québécoise d'infrastructures

In consortium with

Pomerleau and ACDF Architecture

Year 2024

Disciplines Architecture, Landscape Architecture, Sustainability

Certification

LEED v4 BD+C healthcare facility Silver level



95%

of regularly-occupied spaces have a quality view of the outside thanks to the vegetative buffer surrounding the building



100%

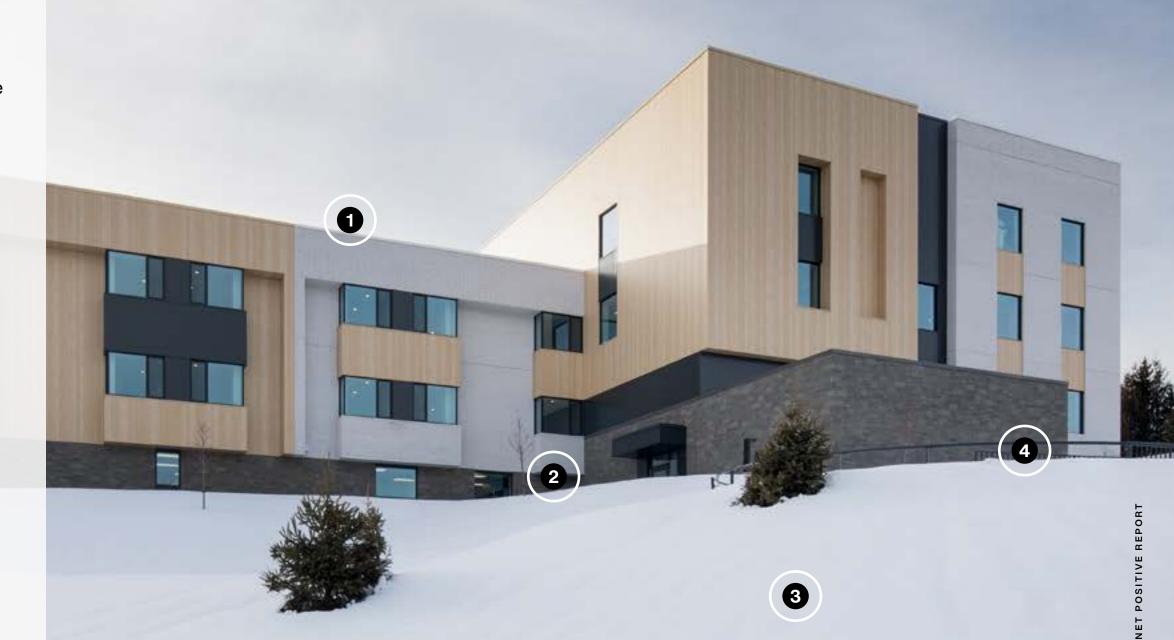
of flooring materials, and 92% of paints, adhesives, and sealants are low-VOC

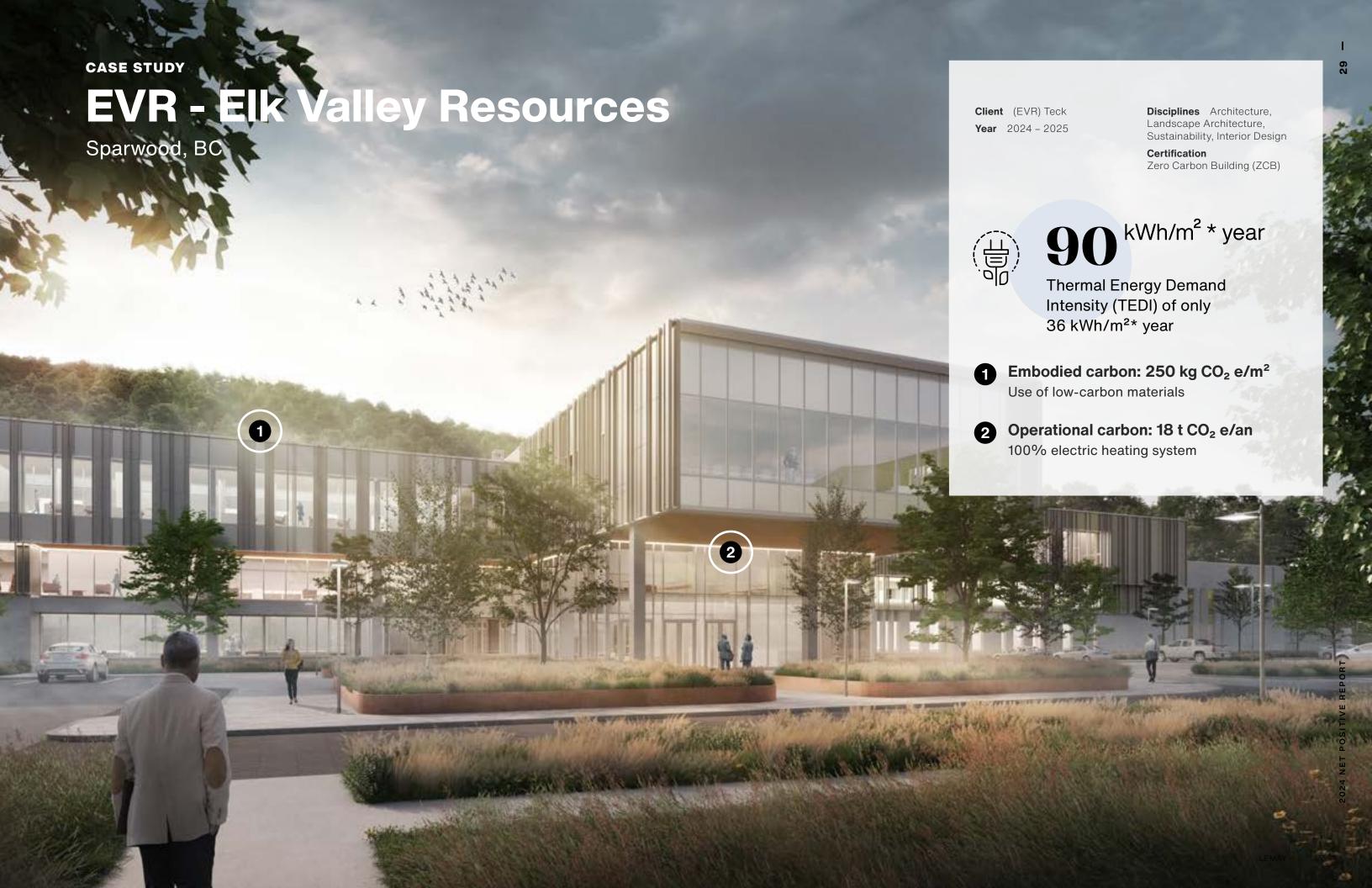
- 1 Energy performance 24% reduction in energy costs
- 2 Restorative Spaces
 Outdoor areas are designed to
 offer residents, visitors, and staff
 peaceful spaces for relaxation
- 3 Vegetation 85% of suitable outdoor spaces are vegetated
- 4 Construction waste
 Selective sorting and material
 recovery diverted 88% of
 construction waste from landfill

CASE STUDY

Maison des Aînés

Sainte-Agathe-des-Monts, QC





Accenture Offices in Montreal

Montreal, QC

CASE STUDY

Client Accenture Year 2023 **Disciplines** Interior Design, Sustainability, Branding and Graphic Design

Certifications LEED ID+C Silver level

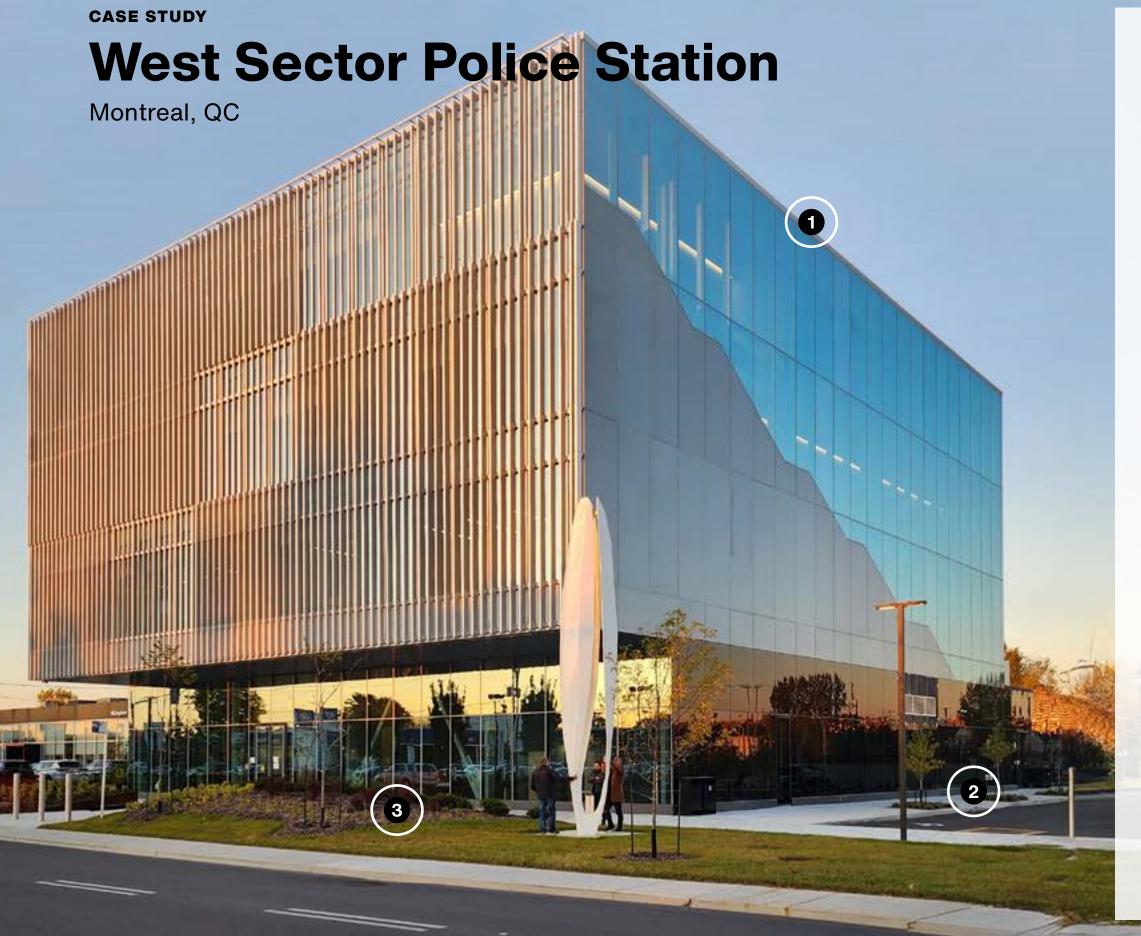


A project distinguished by the quality of its interior environments, generating a significant impact on user well-being

1 Natural light

40% of regularly occupied spaces have access to natural light

- **Quality views**79% of regularly occupied spaces have access to quality views
- 3 Indoor air quality
 CO₂ sensors in high-occupancy spaces
- 4 Eco-responsible materials
 Low-emission flooring materials
 to reduce VOCs



Client Ville de Laval

Year 2024

Disciplines Architecture, Landscape Architecture, Sustainability

Certifications

LEED v4 BD+C Gold level



80th percentile

of annual rainfall is managed on site using vegetated swales, channels, and permeable paving



61%

reduction in outdoor water consumption thanks to the selection of lowirrigation native plants

1 Heat island reduction

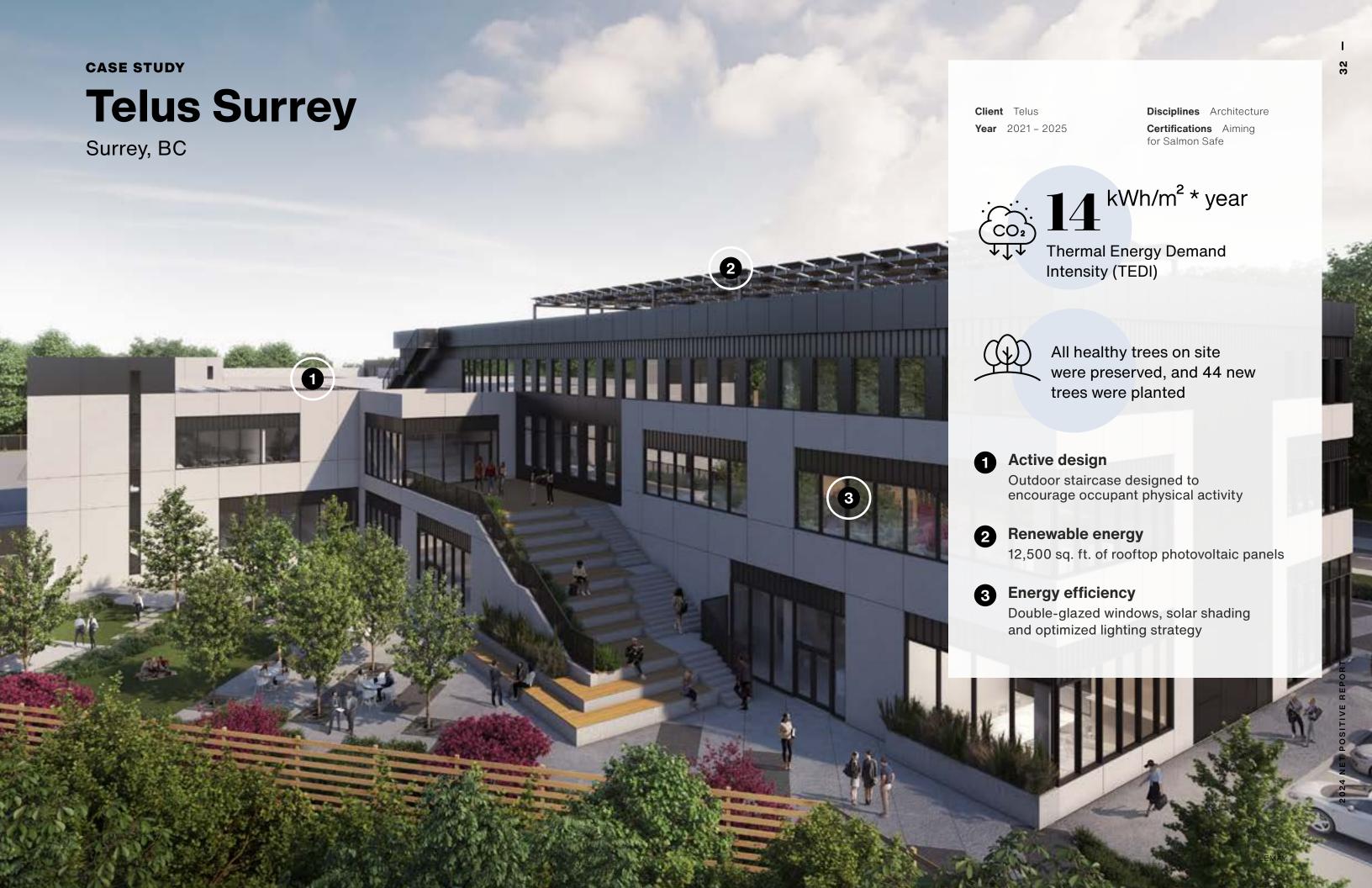
White roof, 2242 sq. ft. of green roof, pale mineral surfaces and on-site vegetation

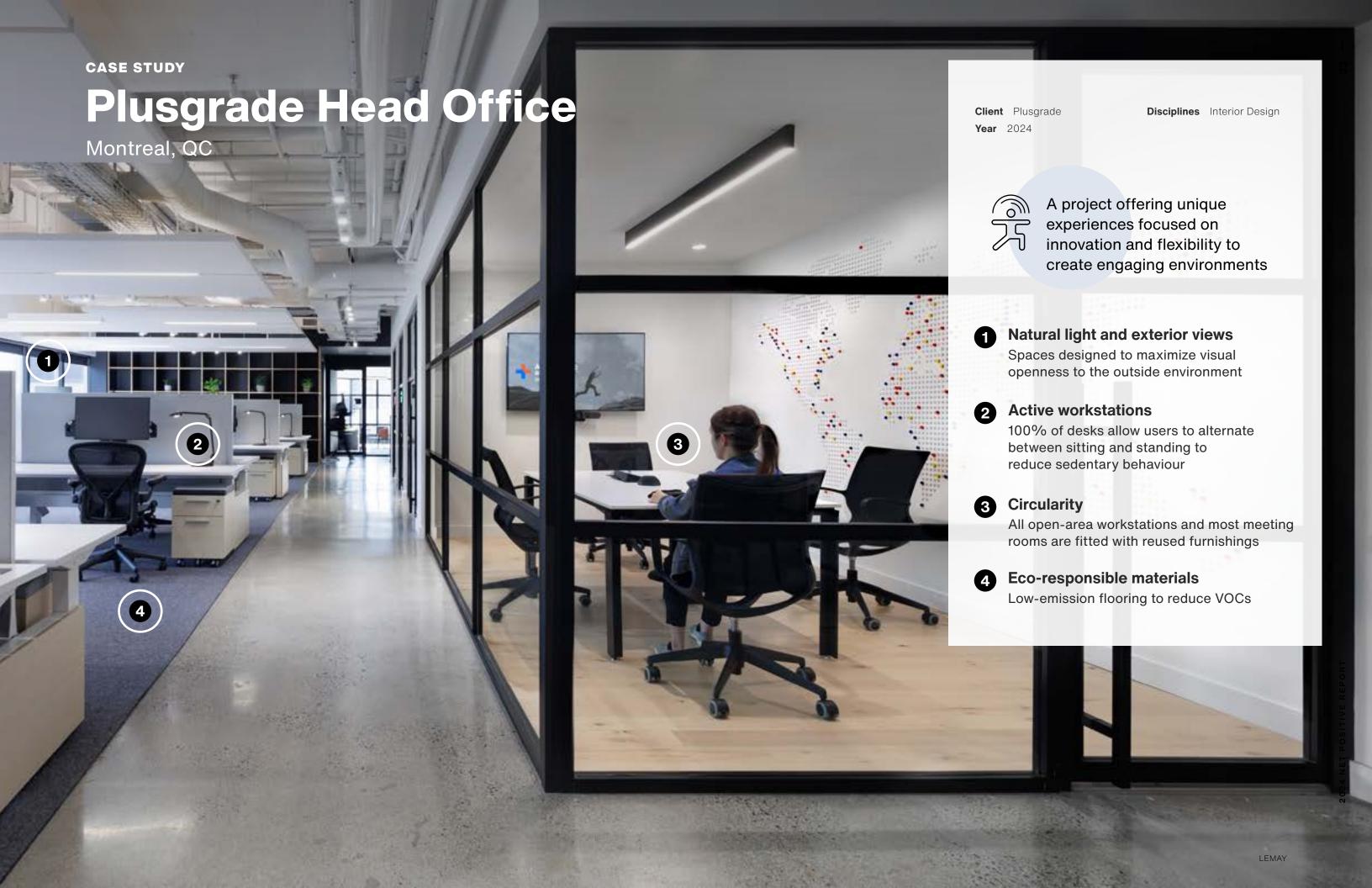
2 User-friendly site

45% of the site is composed of usable outdoor areas, 80% of which are vegetated

3 Habitat protection

35% of the areas disturbed by construction were restored with landscaped zones equivalent in ecological value to the originals





Results that reflect our commitment



AIA 2030 Commitment



Lemay is among the signatories of the AIA 2030 Charter:
A climate strategy implemented by the American Institute of Architects (AIA).

Through a series of objectives, AIA 2030 aims to achieve carbon neutrality in built environments by 2030.

In order to achieve this, we now know that reducing carbon emissions alone is no longer enough. If we want our actions to have a real impact, we must move quickly and thoroughly towards carbon neutrality. Since 40% of the world's carbon emissions come from built environments, building a greener future inevitably involves architects, engineers and property owners.

Each year we submit our most representative projects to the AIA, but our goal will ultimately be to present all of our projects.

In 2024, we submitted to the AIA

Covering a total surface area of:

7 projects

105,741 m²

These projects generate:

121.3%

average reduction in energy consumption compared with reference buildings

1231 tonnes CO₂ eq.

reduction in emissions compared with the reference buildings for these projects

Project breakdown by sector



LIVING SPACES



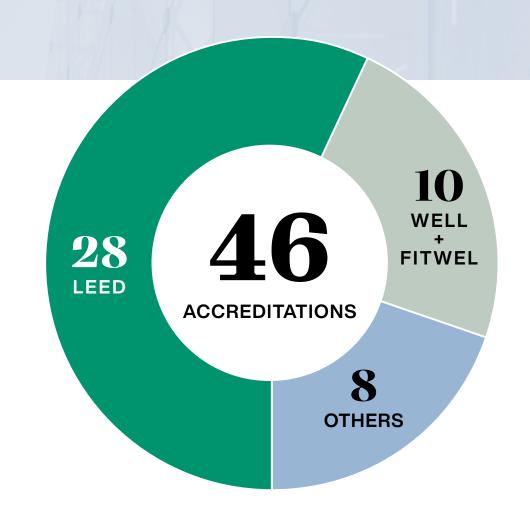
WORKING ENVIRONMENTS



HEALTH

Highly qualified team

Lemay's team includes a number of professionals with industry-recognised accreditations.



LEED

↑ 1 FELLOW Honorary

Honorary distinction

↑ 1 O+M
 Operation and maintenance

12 GA
Environmental
associates

△ 3 AP

Accredited professionnals

° 2 ID+C

Design and construction of commercial interiors

○ 9 BD+C

Design and construction of buildings

WELL

[°] 3 WELL AP

↑ 1 WELL FACULTY

Fitwel

↑ 6 FITWEL AMBASSADORS

Envision

[↑] 7 ENVISION SP

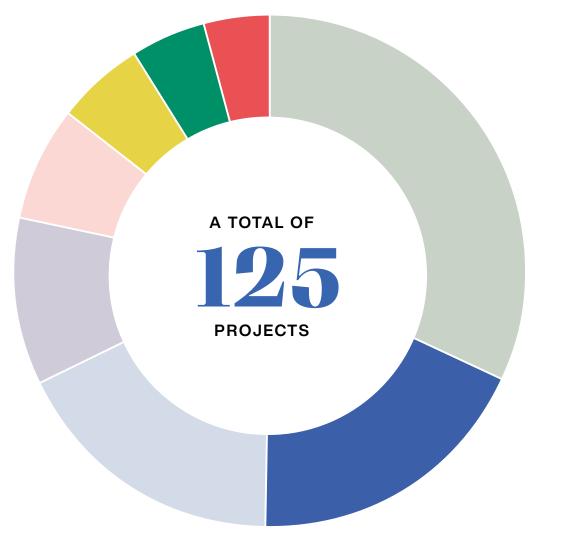
Sites Rating System

↑ 1 SITES AP

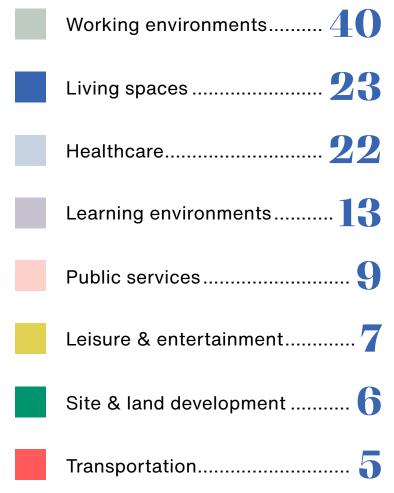
Certifications

Lemay has a total of 125 certified projects or projects undergoing certification. This past year alone, 13 projects received certification while 5 new ones entered the process.

95 Certifications 12 WELL & Fitwel Certifications 2 Envision Certifications 2 ZCB Certifications 1 SITES Certification Other Certifications



Breakdown of certified and in-progress certifications by market



Over the past year, Lemay has maintained its net greenhouse gas (GHG) emissions below zero.

We've expanded our carbon accounting to include the purchase of electronic equipment in addition to employees' commuting. We now also apply the GHG Protocol classification to better define our emissions categories.

Summary balance

GHG emissions

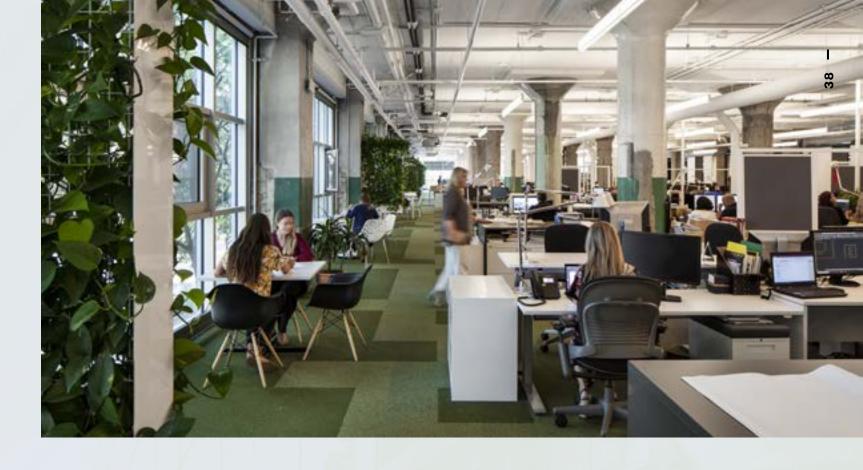
Offsets

Carbon footprint

tonnes CO2e

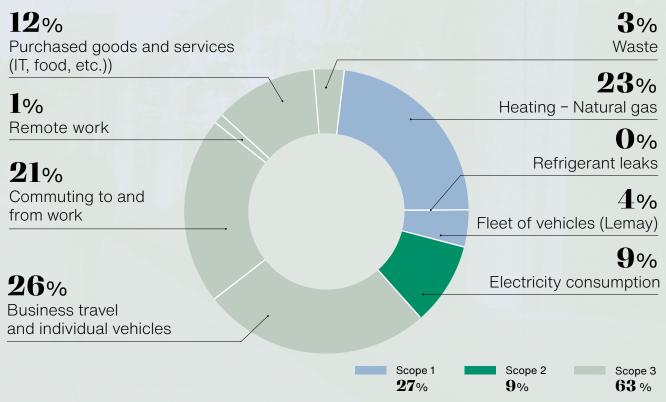
417 - 479 = - $tonnes CO_2e$ $tonnes CO_2e$

GHG emission intensity per employee: 1.25 CO2e



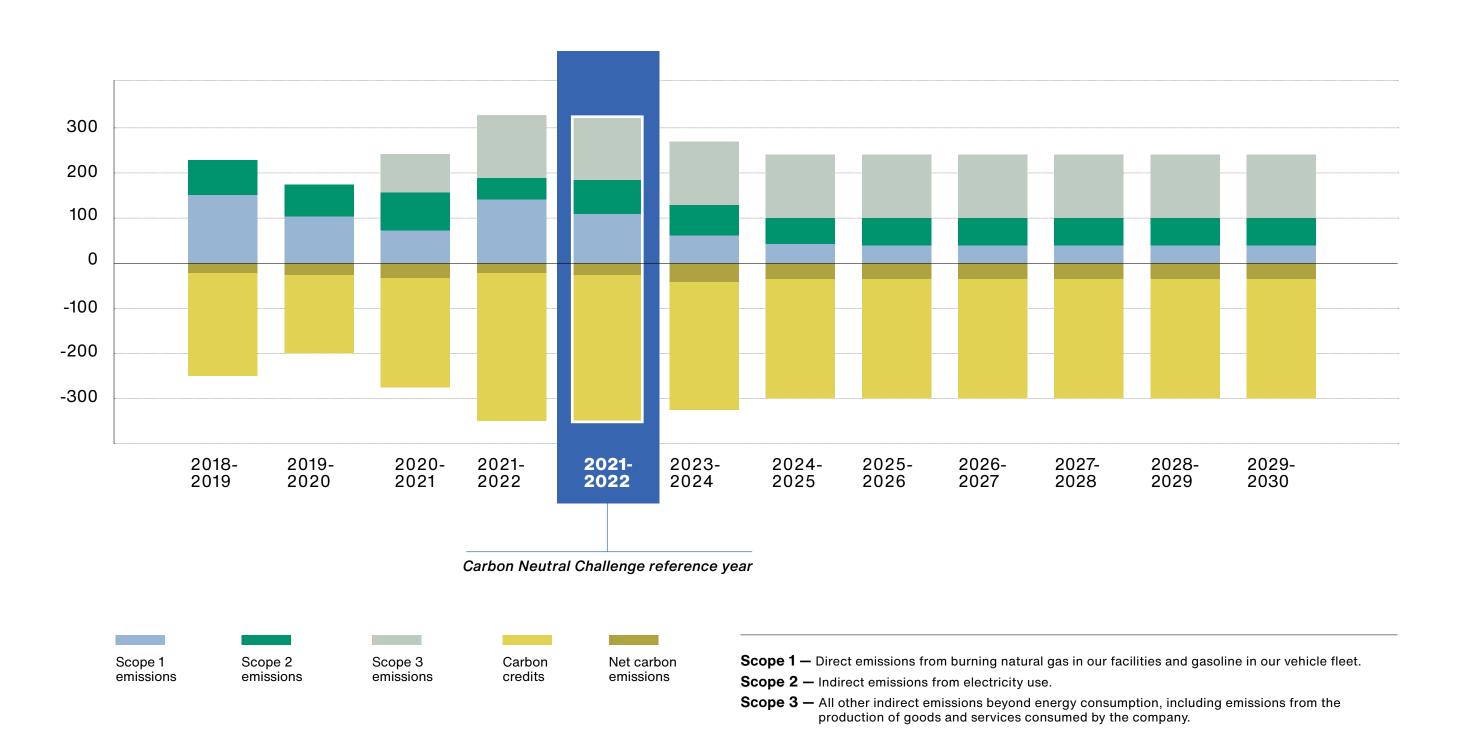
Breakdown of Lemay's GHG emissions by activity

Fiscal year 2022-2023



Carbon footprint

GHG emissions per scale (tonnes of CO2e)



Next steps



Building on the work carried out to date and on the results presented in this NET POSITIVE report, we plan to undertake the following:

Maintaining carbonneutral offices

Commitment: Maintain our carbon neutrality objective and aim for Gold participation in the federal government's Carbon Neutral Challenge.

Action:

Maintain annual carbon emissions offsetting to achieve a negative balance, and implement an action plan to reduce Scope 1 and 2 emissions by 40% by 2030. In 2022–2023, we already reduced these emissions by 20%, reaching half of our goal.

Verifiy:

Continue verifying our Montreal and Quebec City offices under the Zero Carbon Building Standard, and disclose data to the World GBC's Net Zero Carbon Building program.

NET POSITIVE projects

Commitment:

Continue publishing the performance of our projects through the AIA 2030 program, and accelerate the rollout of carbon-neutral and regenerative projects.

Action:

Implement the action plan to improve the NET POSITIVE score of our projects.

Verifiy:

Update the NET POSITIVE review process for our major and strategic projects.

Equity, diversity, inclusion and justice

Commitment:

Continue our internal initiatives aligned with our adopted policy. Renew our partnership with the Canadian Centre for Diversity and Inclusion.

Action:

Implement activities established by our three sub-committees: communications, training and social.

Verifiy:

Evaluate the opportunity to pursue a certification to validate best practices.

Five principles of engagement

Sustainability is the foundation of our NET POSITIF approach. Lemay is guided by five principles aligned with the United Nations' 17 Sustainable Development Goals (SDGs)* for 2030:

- Pledge Commit to best practices and training of our resources
- Measure Track key performance indicators
- Act Develop roadmaps, integrate key actions, outline milestones
- Verify Report data and demonstrate progress
- Advocate Show leadership, facilitate the transition

