



A new biodiversity corridor for Montreal

Description

A visionary plan to reinstate natural habitats in the Borough of St-Laurent

Via **v2com**

Last November as Wuhan, China was hosting its 5th Design Biennale, no one could have suspected how appropriate the timing would be for the City of Montreal to unveil its ambitious new **Biodiversity Corridor project**. Wuhan would soon become known worldwide for its role in the current coronavirus pandemic – a symbol of the high price to be paid by cities everywhere for the elimination of wildlife and natural habitats from their territories.

“The future corridor will enable us to transition from a landscape that has been greatly modified by human beings, losing its biodiversity and resilience, to an abundant and diversified urban nature, connected and linked to human beings,” says Alan DeSousa, Mayor of the Borough of St-Laurent, an area particularly affected by Montréal’s fast-paced, car-oriented growth of the 60s and 70s.



The disappearance of the borough's tree cover and ground vegetation, including former agricultural lands, has left the area more and more vulnerable to climate change. In 2015, local authorities started looking into the idea of bringing nature back to its 42.8 km² territory, 70% of which is now a sea of asphalt occupied by industrial and commercial activities. Not to mention the fact that the borough is used as a major corridor for high-voltage power lines.

Detailed inventories of existing fauna and flora were produced, various studies were undertaken, and consultation sessions were held, leading to the idea of a Biodiversity Corridor.

A multidisciplinary competition

In 2018, the City of Montréal launched a national multidisciplinary landscape architecture competition in the hope of generating an innovative scheme to be implemented over the next 20 years. A team of four firms – [civiliti](#), [LAND Italia](#), [Table Architecture](#), and [Biodiversité Conseil](#) – won the competition.

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The winning project's 'backbone' is a narrow strip of wasteland located under the overhead power lines along three main boulevards. According to the plan, the currently sterile lawns will be transformed into flowering meadows that will attract birds, pollinating insects, and small animals. Ground contours and a modulated topography will enliven this enriched landscape, breaking away from a feeling of homogeneity. The plan also includes new pedestrian trails and upgraded bicycle paths as well as activity or rest areas for the enjoyment of St-Laurent workers and residents.

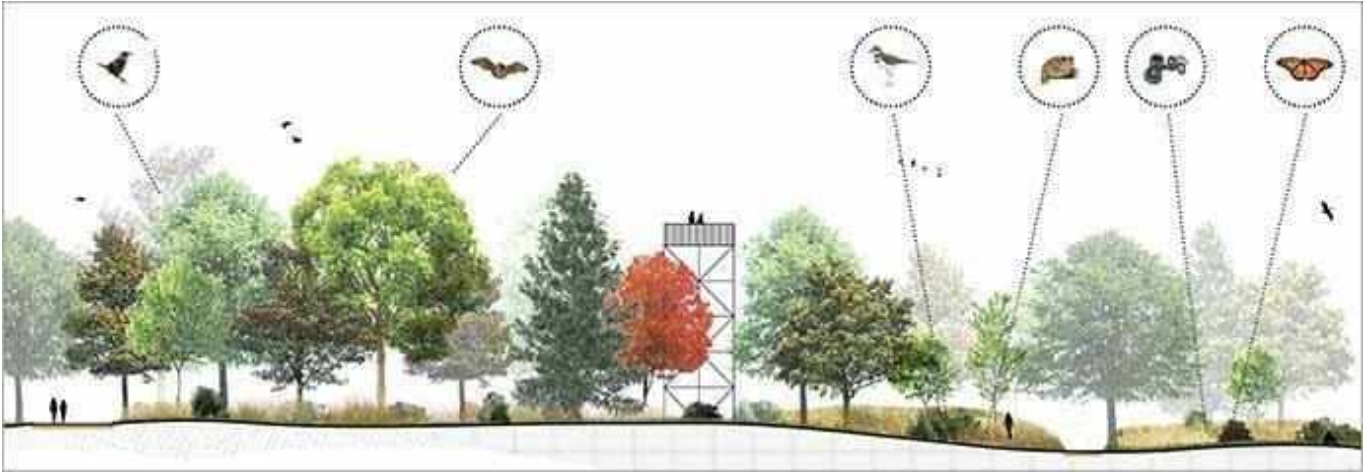


Additional interventions will help reconnect existing and future green spaces, eventually creating a continuous corridor allowing animals, insects, and vegetation to regain their lost habitat. A spokesperson for civiliti, Fannie Duguay-Lefebvre summarized the proposal: “The corridor will enable the transition from a mostly asphalted, fragmented territory to a diversified urban landscape, connected to all living beings.”

For St-Laurent residents and workers, this Biodiversity Corridor will provide a special space to discover nature in the heart of a bustling urban environment. More importantly, it will also serve as a laboratory for Montréal, Canada, as well as other cities and countries. The plan, prepared in collaboration with professionals from the borough’s Environment Division, is about reconciling the logic of the city and the logic of life.

National Urban Design Award

The Biodiversity Corridor Master Plan received a **Special Jury Award for the Sustainable Development** category in the [2020 edition of the National Urban Design Awards](#). Organized jointly by the Royal Architectural Institute of Canada (RAIC), the Canadian Institute of Planners (CIP), and the Canadian Society of Landscape Architects (CSLA), the award is one of the top distinctions in Canada. As commented by the jury, “The promise of urban design is sustainable development – creating economic, environmental, social, and cultural benefits. While this project focuses on the environment, it reflects all Seven Cs of urban design: context, character, choice, connections, creativity, custodianship, and collaboration.”



Clients

Arrondissement de Saint-Laurent – Ville de Montréal
Division de l'environnement et de la protection du territoire

Research and design team

civiliti
LAND Italia
Table Architecture
Biodiversité Conseil

Images: civiliti, LAND Italia, Table Architecture, Biodiversité Conseil

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