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WE THANK OUR PARTNERS

AU/Lab

A special thank you
to Éric Duchemin and
his AU/LAB team
for the work done.



**Urban Agriculture Lab of the
Palais des congrès de Montréal**

NATURE OF PROJECT

The purpose of the Urban Agriculture Lab is to experiment with urban farming technologies and techniques.

MAIN OBJECTIVES

- 1. Help reduce urban heat islands in the Montréal downtown area.
- 2. Raise awareness among the province's property owners and event participants about the importance of putting sustainability initiatives into action.

congresmtl.com/lab



Culti-VERT

- Project focused on experimenting with rooftop and container vegetable gardening. Sprawling green roof stretching 900 m² (9,200 ft²). Inaugurated in 2011.
- Annual crop of 650 to 1,000 kg (1,400 to 2,200 lb) of fruits, vegetables and herbs, for use by Capital Catering in the dishes they prepare.
- Additional plant life experiments include dye flowers, medicinal plants and rare varieties (conservation of our plant heritage).
- Part of the project supports an outreach program aimed at reintegrating the homeless back into the community.



URBAN VINEYARD

- Canada's first urban rooftop vineyard and the world's first in a northern climate. Inaugurated in 2017. Spans 200 m² (2,500 pi²).
- 80 feet of geotextile container vines.
- Soil consisting of organic matter mixed with crushed recycled glass (40%) – repurposing of recycled glass bottles.
- Hardy grape varieties: Frontenac Black, Frontenac White, Marquette, Petite Pearl.



VERTical

- Project focused on urban vertical farming on scaffolds. Covers 700 m² (7,800 ft²). Inaugurated in 2016, jointly with AU/LAB, an urban farming laboratory associated with the Institut des sciences de l'environnement de l'Université du Québec à Montréal.
- First initiative in North America to experiment with "edible tarps", including some made of recycled clothing converted into felt.
- Up to 10,000 strawberry plants, edible flowers and herbs.
- Nutrient drip system. Local pesticide and herbicide free crops.
- Nearly twice the crop density compared to a similar sized piece of farmland.



BEEHIVES

- Pollinating beehives set up in 2012.
- Can house up to 50,000 bees that contribute to biodiversity and pollination.
- Honey harvest of 60 to 80 kg (130 to 175 lb) per season.