

Québec City Jean-Lesage International Airport's Energy Reduction Strategy

Alain Girard
Manager Sustainable
Development and SMS
Québec City Jean Lesage
International Airport (YQB)

About Québec city Jean Lesage International Airport



Our core value

Passenger first®



A fifteenth
record year



1 670 880
passengers

A compound
growth rate



6,97 %
since 2002

YQB2018



YQB 2018

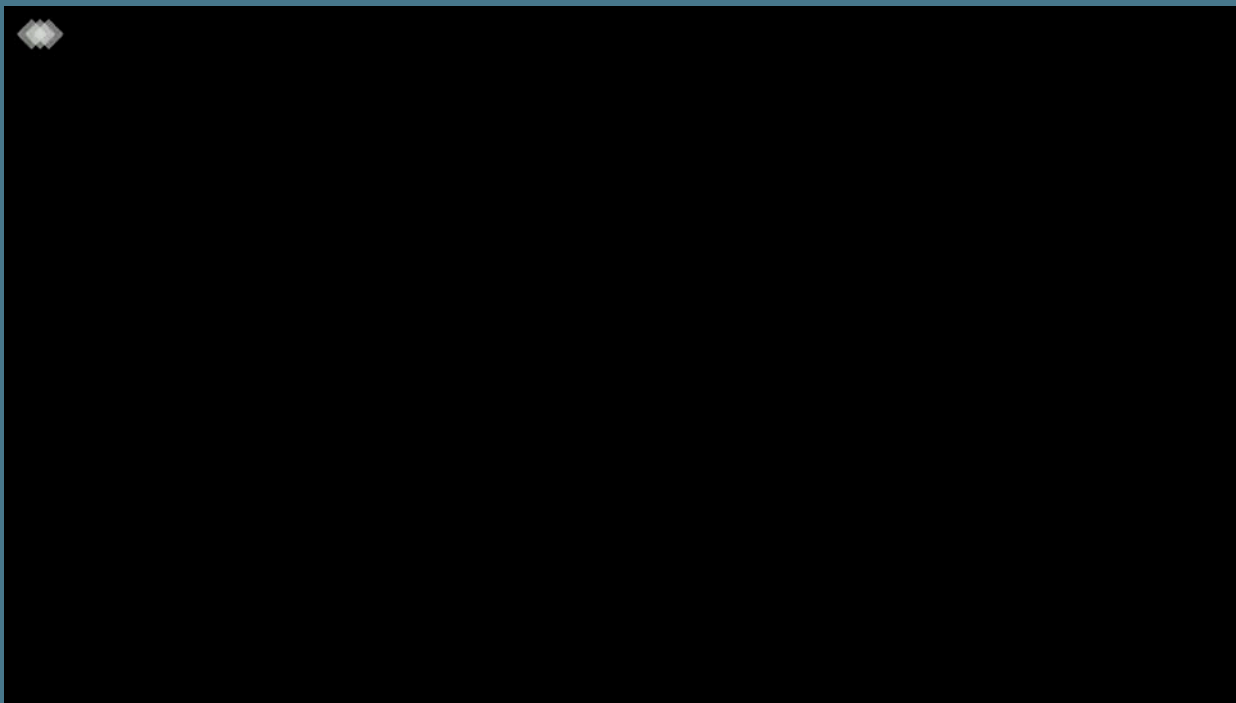
YQB's Sustainable Development Policy provides support for efforts to minimize the environmental impact of our activities.

This Action Plan to reduce energy consumption also aims at using state-of-the-art equipment to maintain or improve the energy target of 1.55 Gigajoules/m². This will result in the annual avoidance of nearly 1400 Ton Eq of CO₂.

GHG emissions had already decreased by 9.2% in 2017, compared to 2016 (according to the audit performed by Enviro-Access to obtain Airport Carbon Accreditation Certification, Level 2, in January 2018) and 54% in 2018, **despite the terminal area having been doubled**

YQB 2018

- 10 construction projects and IT program
- An approach based on *building information modelling* (BIM)
- Sustainable development model
- A doubling in terminal size (25 000 m² to 50 000 m²)
- More baggage carousels serving international flights
- User-friendly, better-designed customs area
- Expanded food court and restaurants areas
- Four new gates
- A state-of-the art curbside and loading zone
- Latest technologies
- New runways



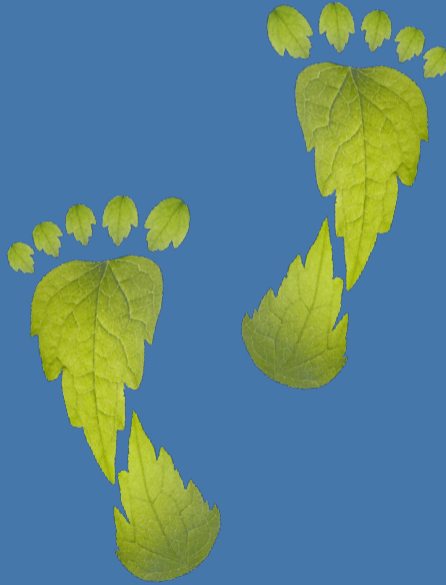
Investing in the future?



Reduce
operating costs



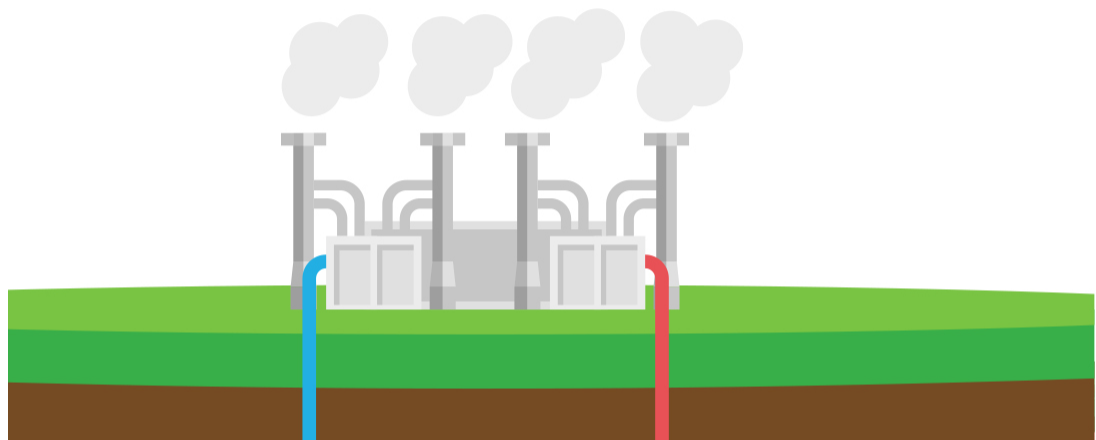
Reduce
environmental
footprint



Improve
overall satisfaction



Geothermal Energy



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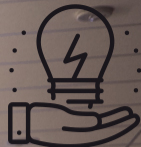


Pump variable flow

B



Effective lighting

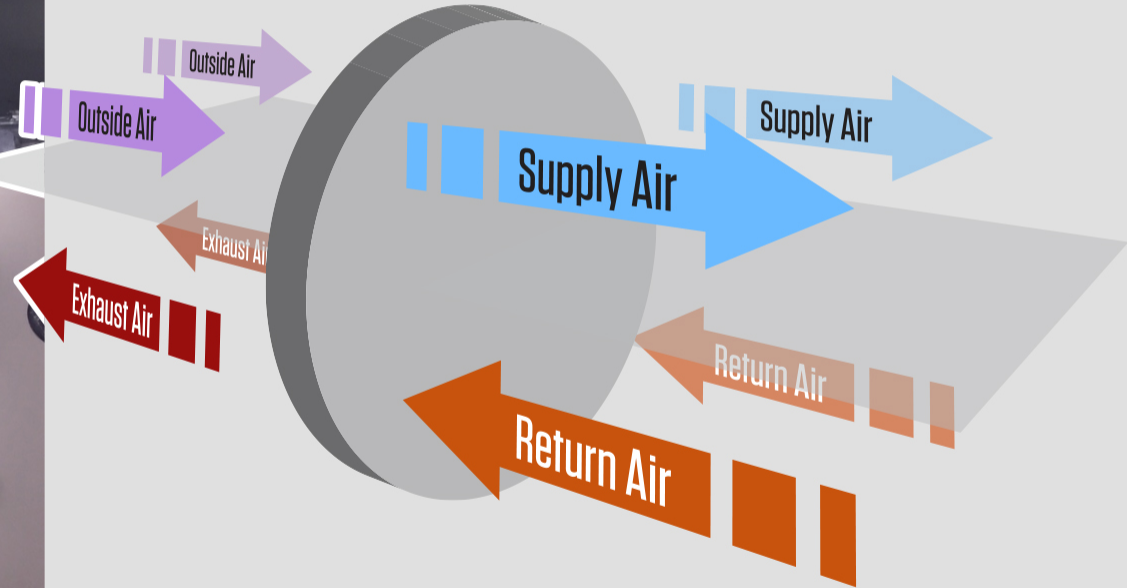




Heat recovery on chillers



Thermal Wheels



Energy recovery on chillers





New condensing boilers



1000 kw electric boilers



Results
that speak
for themselves





airport
carbon
accreditation

MAPPING | REDUCTION | OPTIMISATION | NEUTRALITY



YQB Québec City
Jean Lesage
International
Airport
Passenger first

CONTACT INFORMATION

Daniel Perreault, Ing.

VP Project and Construction

dperreault@yqb.ca