



PRESS RELEASE

Thanks to Effenco's technology, Termont Montreal becomes the world's first port operator equipped with a fleet of fully hybrid vehicles

Montreal, September 9, 2019 - Termont Montreal made the decision on Friday, September 6, to transform its entire fleet into hybrid vehicles with Effenco's revolutionary heavy-duty vocational vehicle technology for the transportation sector. The Minister of Transport, François Bonnardel, made the announcement last Friday, accompanied by representatives of Effenco, Termont Montreal, LOGISTEC Corporation and the Port of Montreal. The Government of Quebec has granted \$1.4 million to support Termont Montreal in the adoption of Effenco's Active Stop-Start technology.

"The Government of Quebec is proud to support this innovative project that will help reduce greenhouse gas emissions at the Port of Montreal during container handling. This important initiative continues to demonstrate the leadership of Quebec companies, and is a concrete step towards ensuring better energy efficiency in the freight transportation industry," said François Bonnardel, Minister of Transport.

"We are pleased to contribute to improving the Port of Montreal's ecological footprint. This announcement strengthens Quebec's position in the electrification of transportation and intelligent vehicles, and is crucial in the global deployment of our heavy vehicle electrification technology," added David Arsenault, President of Effenco.

Reduced ecological footprint: a global first

Following a pilot project that took place between April 1 and October 19, 2018, Termont Montreal is now transforming 57 additional terminal tractors to reduce the port's ecological impact and improve air quality. In doing so, the port reduces nearly half of fine particulate matter produced by vocational vehicles and 39% of nitrogen oxide, two contaminants that are extremely harmful to the health of employees, who are exposed to these on daily.

"We are happy to be part of this announcement. Effenco's innovative technology adopted by Termont Montreal's vehicles plays a major role in the Port's strategy to reduce its ecological impacts," said Sylvie Vachon, President of the Port of Montreal.

"Our teams have been working for several years on the transformation of our fleet. We are pleased to see the project be carried out today. This is an important step for the future of Termont and for Effenco's Active Stop-Start technology, and a major milestone for the industry," said Julien Dubreuil, General Manager of Termont Montreal / Logistec.



Savings generated by Active Stop-Start technology

- 46% less engine use
- 26% less fuel
- 26% less CO₂
- 39% less nitrogen oxide (NO_x)
- 47% less fine particulate matter

Data collected for the period from April 1 to October 19, 2018. Data was successfully recorded and compiled for a total of 174 days of operations for the pilot testing project.

Over the course of one year, Effenco's technology allows savings of 1,404 hours of engine time, 3,978 litres of fuel, 12 tons of greenhouse gases, 0.209 tons of carbon dioxide and 0.012 tons of fine particulate matter.

About Effenco

Founded in Montreal in 2006, Effenco develops electrification solutions for the transportation industry, reducing GHG emissions of heavy-duty vocational vehicles. Its sizable operational dataset gathered from connected vehicles (IoT) is at the heart of its development process. Thanks to its patented electrical technology, Effenco is now a global leader in improving energy efficiency for heavy vocational trucks. Effenco is deployed in the United States (New York, Port of Los Angeles), France (Paris, Saint-Lô), Switzerland (Geneva), Italy (Turin), Norway (Oslo), Canada (Port of Vancouver and Port of Montreal with Termont).

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