propulsion Québec

Cluster for Electric and Smart Transportation

PRESS RELEASE
FOR IMMEDIATE RELEASE

Propulsion Québec launches a study on the issues and best practices related to collecting and recycling end-of-life lithium-ion batteries in the transportation sector.

Montreal, February 13, 2020 — Propulsion Québec, the smart and electric vehicle cluster, has announced the launch of a study on the issues and best practices related to the implementation of an extended producer responsibility mechanism for end-of-life lithium-ion batteries in the transportation industry in Quebec and its surrounding markets.

The study objectives are:

- Consult stakeholders involved in lithium-ion battery end-of-life issues in the transportation industry;
- Present the legal framework that governs vehicles and electric vehicle batteries, as well as the collection and transportation of lithium-ion batteries in North America;
- Identify lessons that Quebec can learn from extended producer responsibility (EPR) mechanisms in place in other jurisdictions to facilitate the collection of lithium-ion batteries and increase recycling in the future;
- Present high-level authorities with an analysis of different roll-out strategies for an EPR mechanism that structures battery collection and recycling and explains the pros and cons.

A steering committee will work alongside EY, the firm conducting the study. Results will be published in Spring 2020.

WITH FINANCIAL SUPPORT FROM:

Québec Canada Communauté métropolitaine de Montréal FONDS de solidarité FTQ Ville de Québec l'accent d'Amérique

Quotes:
"The tremendous growth of the electric vehicle market will lead to a massive influx of end-of-life batteries in the next decade. The battery recycling market is both an interesting business opportunity and important issue, considering the potential end-of-life battery market that can be captured in Canada and the Northeastern United States. Given the current popularity of electric vehicles in Quebec, we want to see what is being done elsewhere and tackle this unavoidable issue head-on," said Sarah Houde, CEO of Propulsion Québec.

"End-of-life batteries represent both an environmental challenge and an economic opportunity, given their potential for reuse. It's a matter of striking the right balance between developing the electric transportation industry and ensuring the responsible and optimal management of end-of-life lithium-ion batteries. This study will allow us to work with stakeholders to reflect on what regulatory mechanism should be put in place," she concluded.

The financial partners in the study are: the Ministère de l'Énergie et des Ressources naturelles, the Ministère de l'Environnement et de la Lutte contre les changements climatiques, RECYC-QUÉBEC, Call2Recycle, the Association of Auto Parts Recyclers, Hydro-Québec, Lithion Recycling, Nemaska Lithium, Nouveau Monde Graphite and Mason Graphite.

About Propulsion Québec
Quebec's smart and electric transportation cluster rallies the entire sector around joint projects aimed at positioning Quebec as a leader in developing and implementing land transportation systems that promote smart and electric modes of ground transportation. Created in 2017, Propulsion Québec has over 150 members from a variety of sectors and deploys its resources across seven distinct working groups to develop and support innovative projects. The cluster receives financial support from the Government of Quebec, the Government of Canada, Communauté métropolitaine de Montréal (CMM), the FTQ Fonds de solidarité and Quebec City.

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