

QUÉBEC AND CANADA STABLE CHAIN SUPPLY FOR GREEN LI-ION AND SOLID-STATE BATTERIES FOR MOBILITY:

PASSPORT AND CERTIFICATION



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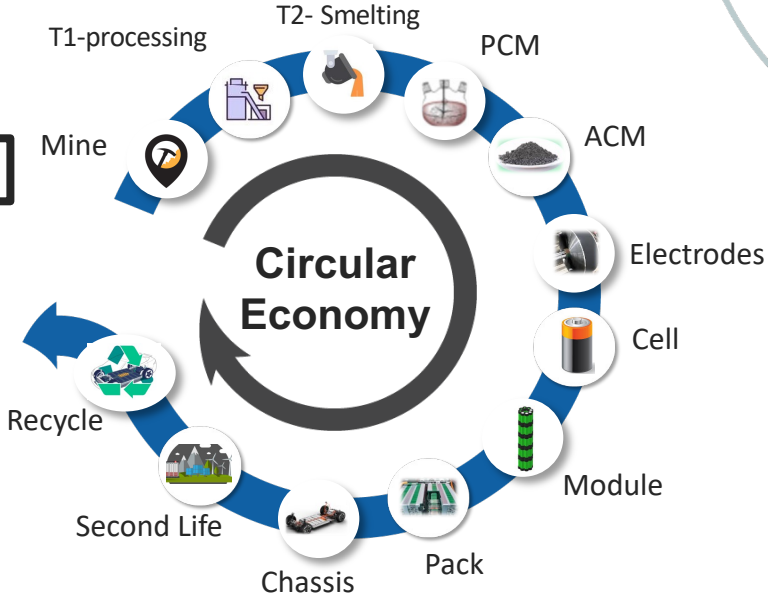


Emphasis on Li-ion Batteries : LFP and NMC Chemistry

Large Data AI- Technology

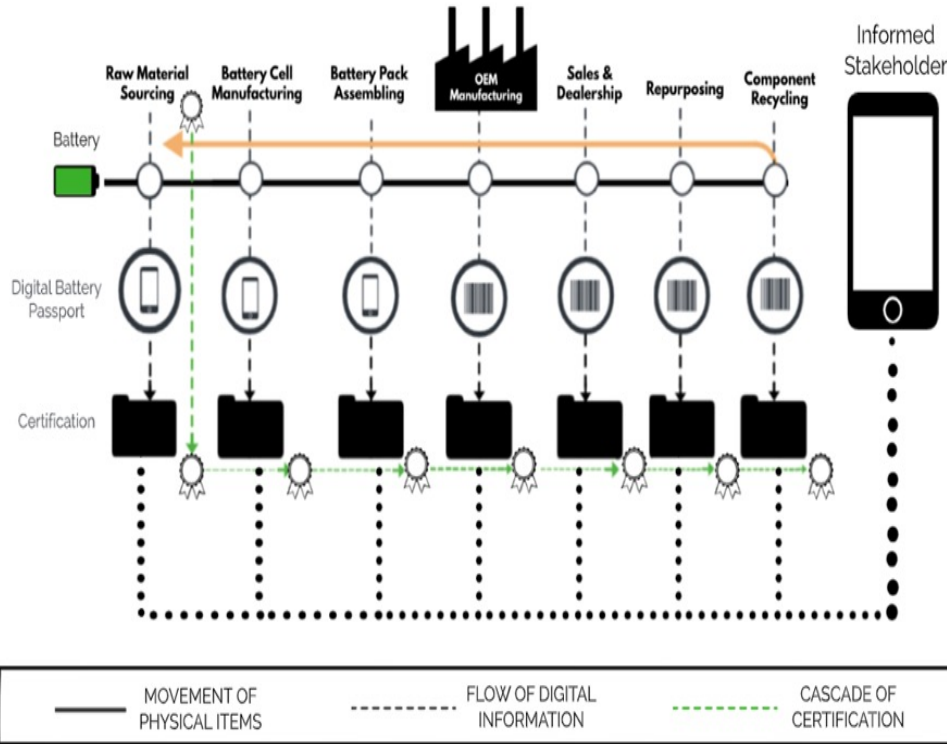


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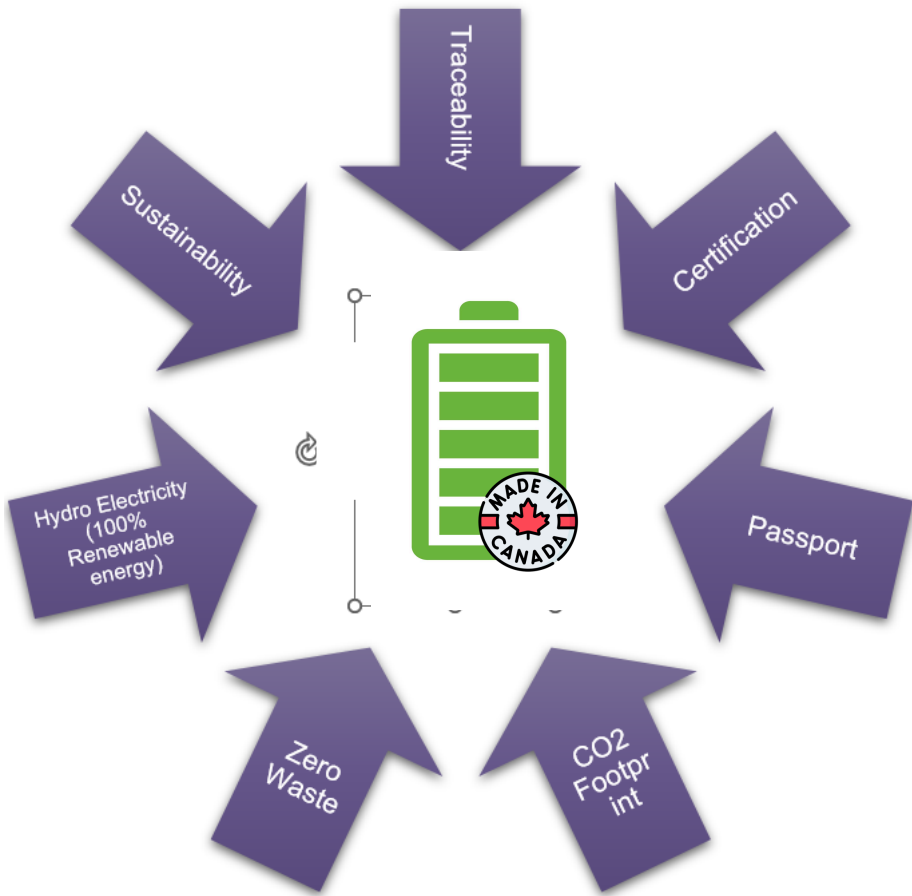
Ultra large format cell

Battery Management Through Blockchain



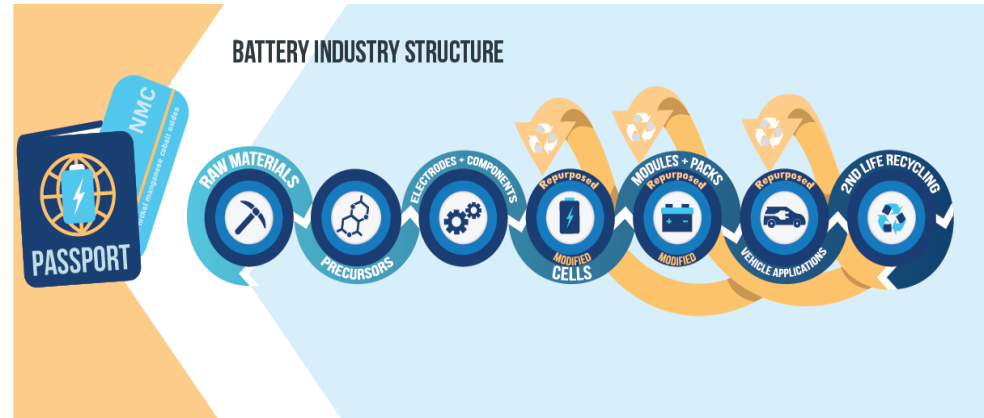
This project aims to study the Canadian passport and certification of the production of lithium-ion (Li-ion) batteries, from mining to recycling, passing through the assembly of the pack, and to use AI technology to trace CO2 emissions at every stage of the process to produce a long-lasting battery with minimal impact on the environment.

Optimizing the production process would reduce the material development time and the manufacturing cost of the cells. To lower the price of the pack, we will work on dry solvent-free electrodes and will optimize the assembly architecture of modules and packs.



Green Battery

Made in Quebec/Canada



COLLABORATIVE CENTRES ON ENERGY AND ITS TRANSITION (C²ET) : R&D, Innovation and Industrialisation