

GITANJALI DASGUPTA

Gitanjali DasGupta manages the Clean Transportation Division at Electrovaya where she has grown the division to include partnerships with Tata Motors, ExxonMobil and Chana International (China's 4th largest automaker). She received her M.Phil in Economics from Oxford University and her undergraduate in science from the University of Toronto. Gitanjali is Vice-Chair of Electric Mobility Canada, a steering committee chair for a Canadian Govt. Roadmap of Electric Vehicles and a co-founder of the Plug-in Hybrid Development Consortium.

Enabling Clean Transportation with Lithium Ion SuperPolymer(R) Battery Technology

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The transportation industry and the energy storage industry is in a cusp of change as the drive for electric drive to replace internal combustion engines (ICE) accelerates. Gasoline is a perfect fuel and the ICE engine has been perfected for over 100 years, hence this is not an easy challenge. Can Lithium Ion Polymer battle this out? This paper examines Electrovaya's experience with advanced battery systems for electric transportation applications including a number of large vehicle systems, smaller highway speed vehicles, plug-in hybrid vehicles and low speed vehicles.