## THE IMPACTS OF ELECTRIFICATION TO THE AUTO-MOBILITY SUPPLY CHAIN



## ADOPTING AN INTEGRATED APPROACH FOR SUSTAINABLE OPERATIONS

The rise of electrification has deeply influenced supply chains, reshaping how materials are sourced, goods are produced, and products are distributed. This shift towards electric vehicles and machinery necessitates a comprehensive, integrated approach to supply chain management. Companies are reevaluating traditional models, focusing on sustainable material sourcing for electric components and restructuring distribution networks to accommodate electric vehicles.

An integrated approach to electrification involves collaboration across the supply chain, from suppliers to distributors. This not only optimizes manufacturing and transportation processes but also aligns with circular economy principles, promoting responsible disposal and recycling of electric components. Embracing this integrated perspective enables businesses to capitalize on the advantages of electrification, including reduced carbon emissions and operational costs, while preparing for evolving market dynamics and emerging opportunities.



## The impacts of electrification to the Auto-Mobility supply chain

An integrated logistics approach is required for the EV supply chain, starting with the design & production of a new vehicle, and ending with reclamation and recycling programs



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