The dramatic impact of CO2 emissions.

Achieving these goals at times and in various countries will require greater cooperation and will be difficult for many countries.

The main cost component of an EV is its battery. Battery costs for EVs decreased from around $900 per kWh in 2010 to approximately $200 per kWh in 2017, a drop of 80%.

Lithium demand was estimated to be 20,000 mt in 2016 during the early 2017, only one site was sending product to its off-taker.

Approximately 70% of recent off-take agreements were with Chinese lithium, battery, and car producers. In 2016, only one site was sending product to its off-taker.

Chinese lithium, battery, and car producers have been investing in lithium projects and off-take agreements in order to secure lithium supplies to meet future demand.

China is powering growth in Lithium-ion battery manufacturing.

China Securing Existing and Potential Future Source of Lithium

List of Top Producers: Who really controls lithium?

Lithium & Battery Supply Chain

In 2016, 40% of all vehicles sold in China were electric.

Published by senior analysts and subject matter experts, IHS Markit research is authored by industry experts.

Battery manufacturers are well-versed in chemistry, battery pack assembly and battery management.

China will play a key role in the electric vehicle grid.

China is powering growth in Lithium-ion battery manufacturing.

In order to meet 2025 demand, producers need to build a supply of approximately 1,400,000 mt of lithium carbonate equivalent (LCE) by 2025. To overcome delays, a development strategy that prioritizes lithium projects in China may be the best solution.

In 2016, only one site was sending product to its off-taker.