



General Motors Overview

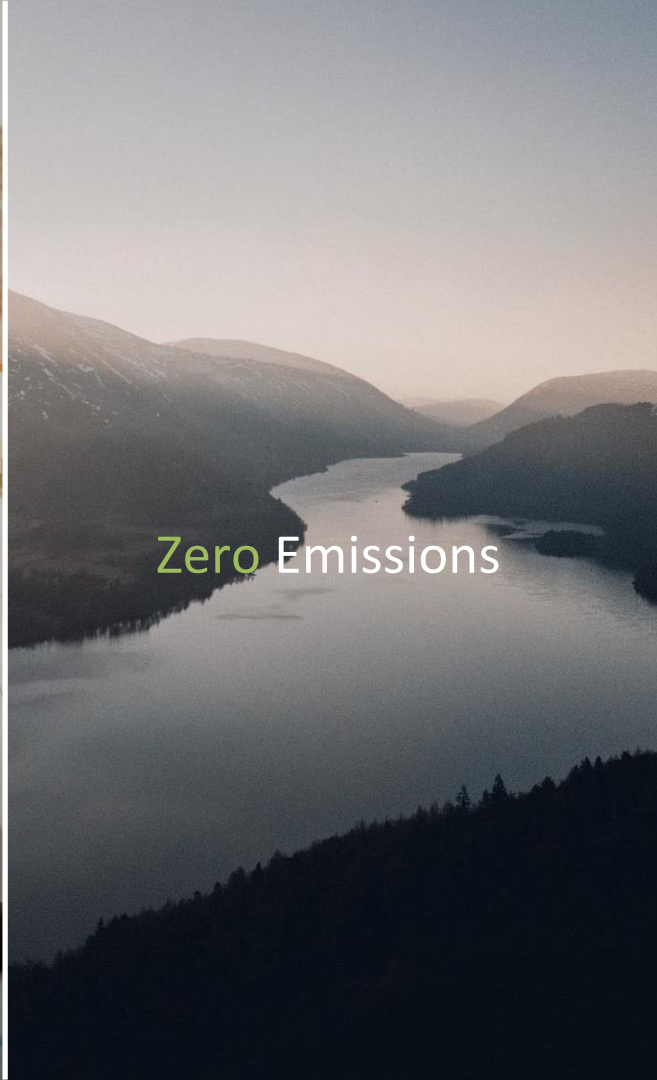
Global Regulatory Development,
Government Relations, GMI





Zero
Crashes

GENERAL MOTORS



Zero Emissions



Zero Congestion

ESG Leadership



Carbon neutral by 2040 – which means removing emissions from all of our products and global operations in the next twenty years

Eliminate tailpipe emissions from new GM light-duty vehicles by 2035 – partnered Environmental Defense Fund (EDF) to develop a shared vision of an all-electric future

Signed the Business Ambition for 1.5C commitment – signaling our intent to help meet the most ambitious goals of the Paris Agreement

100 percent renewable powered facilities – U.S. facilities by 2030 and for global facilities by 2035



GM's Growing EV Portfolio



Pre-production model shown. Actual production model may vary. Available summer 2021.



Bolt EV & EUV

- 250-259 miles, mass market appeal
- Coming in 2021



LYRIQ

- 300+ miles (est.), cutting edge luxury
- Late 2022



Hummer EV

- 350+ miles (est.), ultra-fast charge
- Late 2021

\$27B investment in EV & AV through 2025; 30 new EVs globally by 2025

BY THE NUMBERS:

GM INVESTS IN A ZERO-EMISSIONS FUTURE

\$27
BILLION

is the amount GM is committing to EVs and AVs through 2025



30

EVs LAUNCHED

by 2025, with more than two-thirds of those being available in North America



By mid-decade, Ultium packs are projected to deliver twice the energy density of today's product, but cost

60%
LESS



>50%

OF PRODUCT
DEVELOPMENT

team will be devoted to electric and electric-autonomous vehicle programs



Engineering advances have increased the max range of Ultium-based vehicles on a full charge to

450¹
MILES

New technology



GM has launched BrightDrop, an integrated ecosystem of electric products, software and services that will electrify and improve the delivery of goods and services



GM is providing our Hydrotec fuel cell power cubes to Navistar Inc. to help create a zero-emission long-haul transportation system.

Autonomous Vehicles



- AVs hold enormous potential benefits for society in the form of increased safety and improved mobility and accessibility, and environmental benefits.
- Our [REDACTED] has committed that all our AVs will be electric.
- GM and partner Cruise revealed the Cruise Origin, a shared, all-electric AV in January 2020.
- The Origin will be built on GM's all-new modular architecture, powered by the Ultium battery system.





Jan 2020
Origin Reveal



Oct 2020
California DMV Driverless Test Permit



Apr 2020
130K COVID Relief Deliveries



Nov 2020
Walmart Delivery Pilot

Topics of discussion:

- **Introduction of GM – while GM's presence in the EU is limited, we continue to remain interested and engaged, especially in development of regulations and new technology**
- **GM respects the work being done in the EU to pursue significant reductions in CO2 and would like to learn more and stay engaged**
- **GM would like to work with Government and Industry to ensure that efforts to evolve the transport sector continue to allow and foster trade**

