General Motors Overview

Global Regulatory Development,
Government Relations, GMI
Zero Crashes

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

**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

>50% OF PRODUCT DEVELOPMENT
will be devoted to electric and electric-autonomous vehicle programs

By mid-decade, Ultium packs are projected to deliver twice the energy density of today’s product, but cost 60% LESS

Engineering advances have increased the max range of Ultium-based vehicles on a full charge to 450 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.
• 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.
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