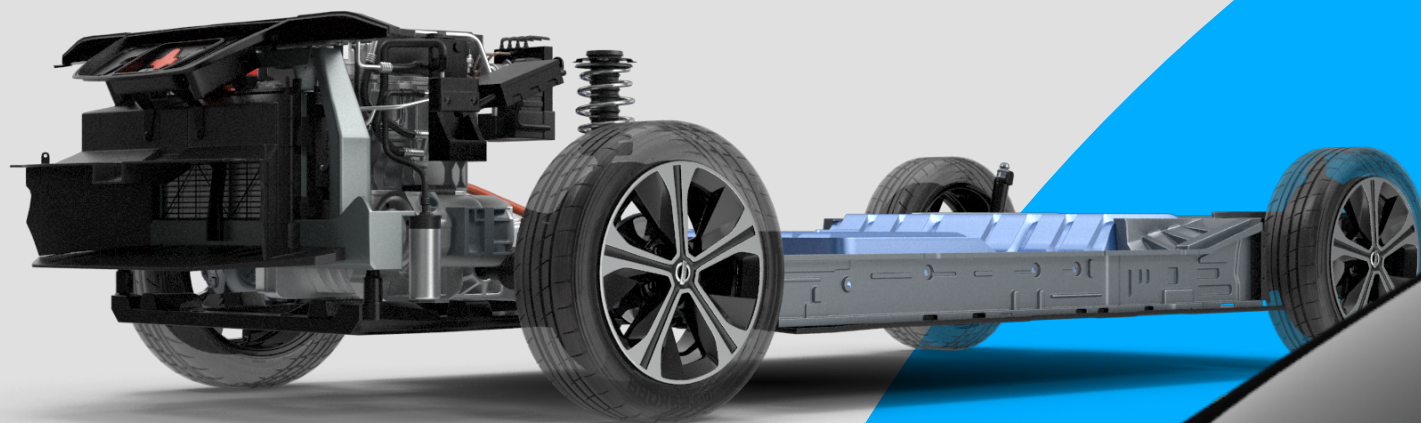




# Automotive in the US

Market and Investment Overview—Q3 2022





# Automotive in the US: Market and Investment Overview—Q3 2022

Dear Reader,

We've compiled the highlights of what happened in the automotive industry in the US region in Q3 2022. This snapshot will help you monitor the autotech industry and keep emerging players and trends on your radar.

## Who can benefit from our insights the most?

Those who:

- Develop next-gen automotive solutions that will improve road, driver, and pedestrian safety and provide asset security
- Manufacture semiconductors, sensors, GPS, telematics, and other components for the automotive industry
- Want to partner with an automotive startup to deliver innovative vehicle products and services
- Invest in the US automotive ecosystem
- Monitor trending topics and industry news

## What's inside?

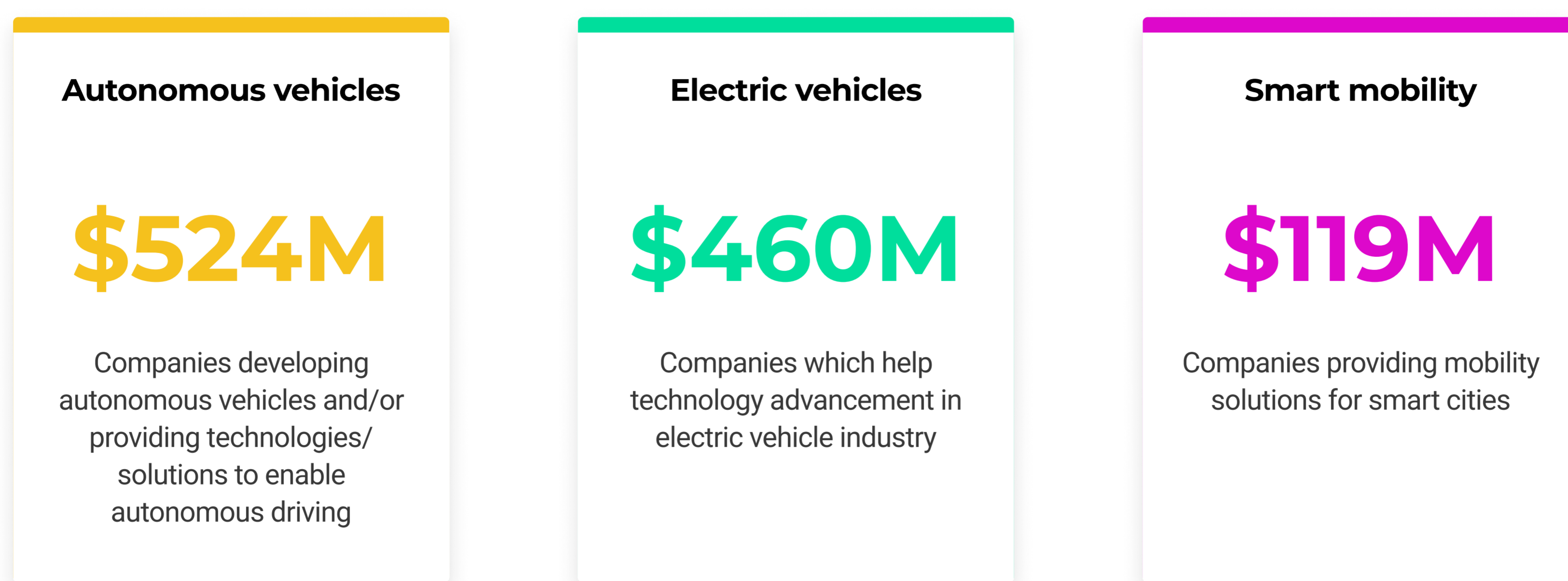
Discover the best-funded autotech segments and companies, trending themes, top innovations, and automotive news in the US.

Let's dive in!

# Top Three Investment Trends in Q3 2022

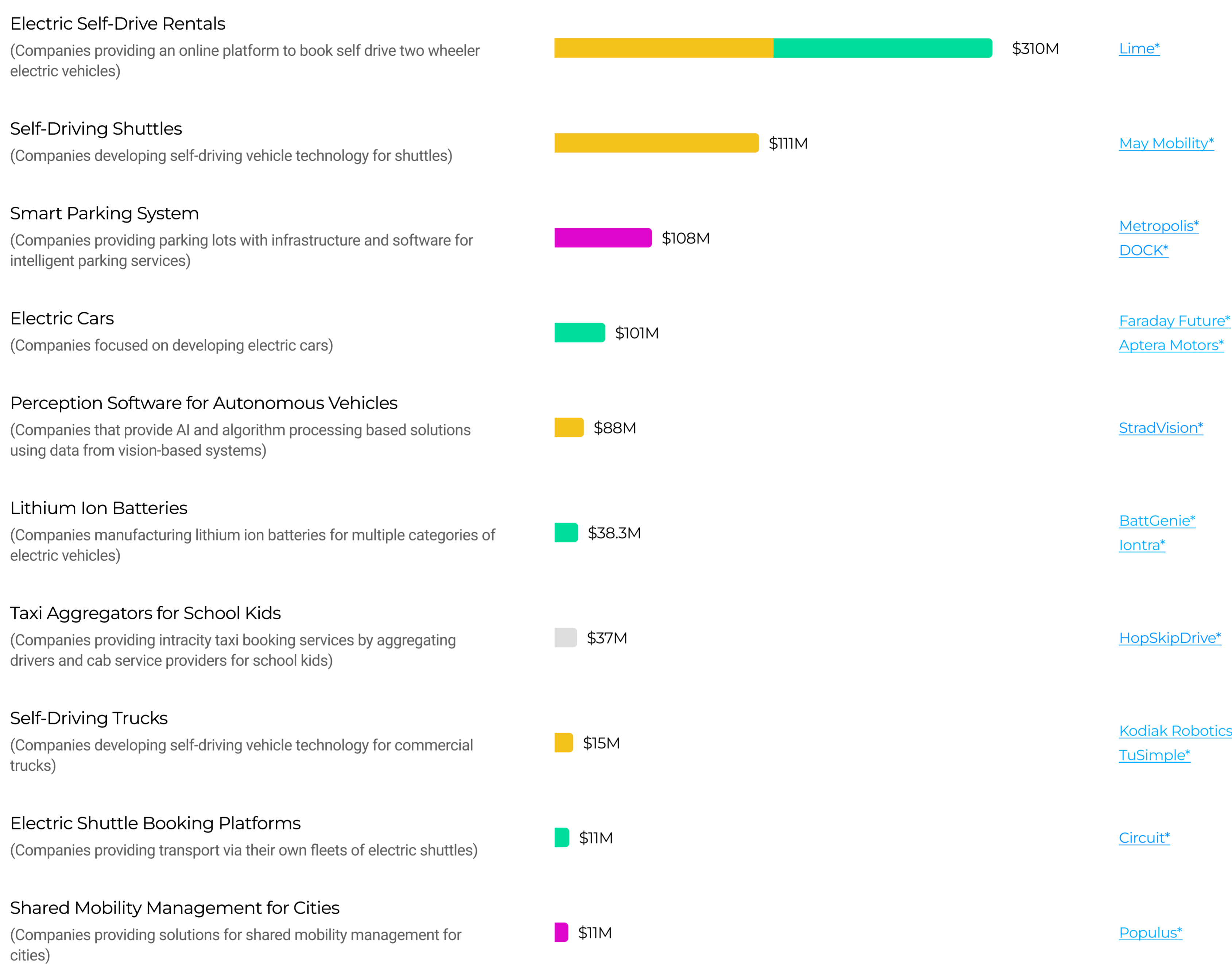
Autonomous vehicles and self-driving technologies for cars were funded most in Q3 2022.

Trends



## Most-Funded Autotech Segments in Q3 2022

Segments

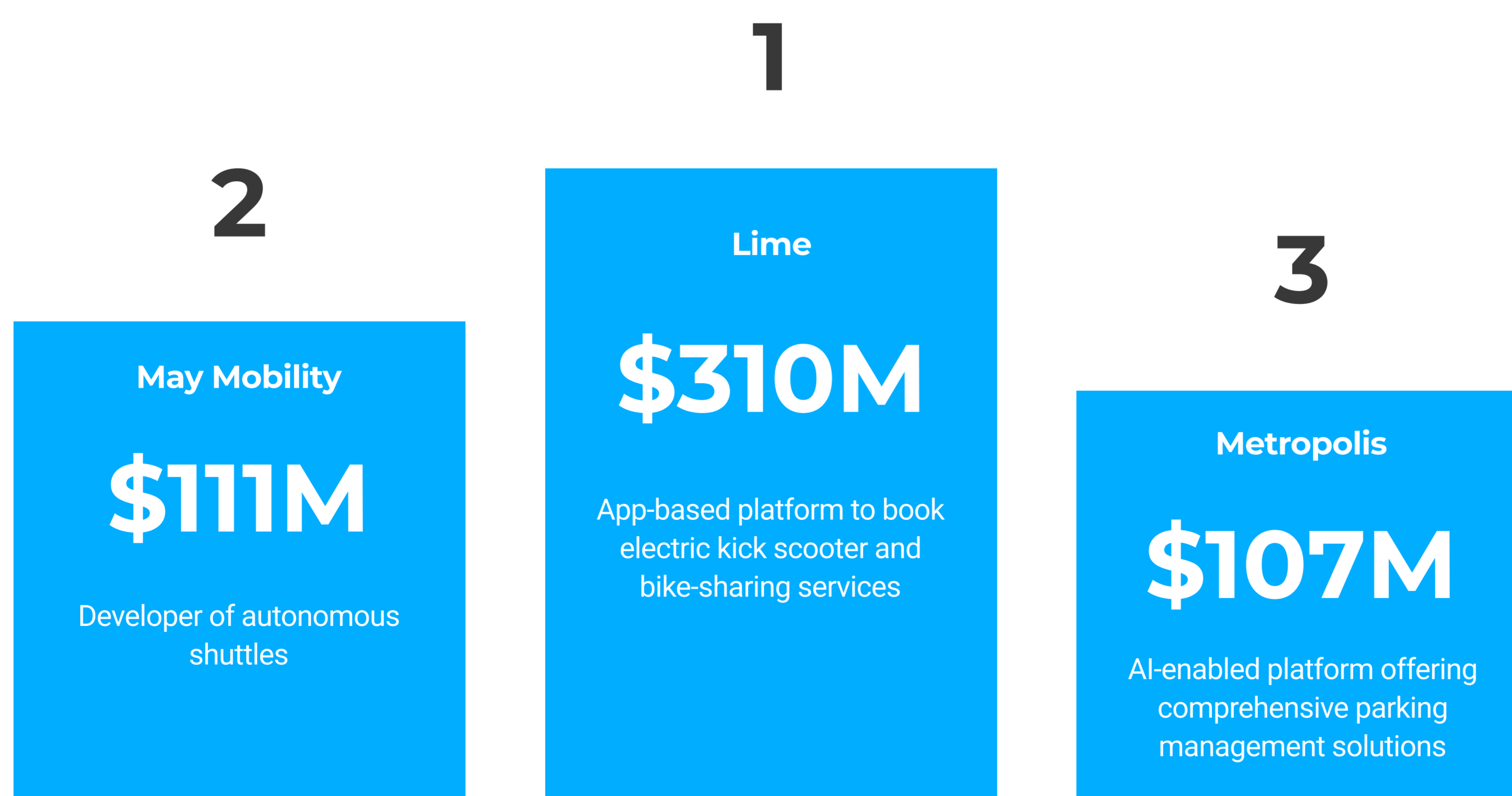


\*Most-funded companies in the segment

Data Source: Tracxn

## Most-Funded Autotech Companies in the US in Q3 2022

Companies

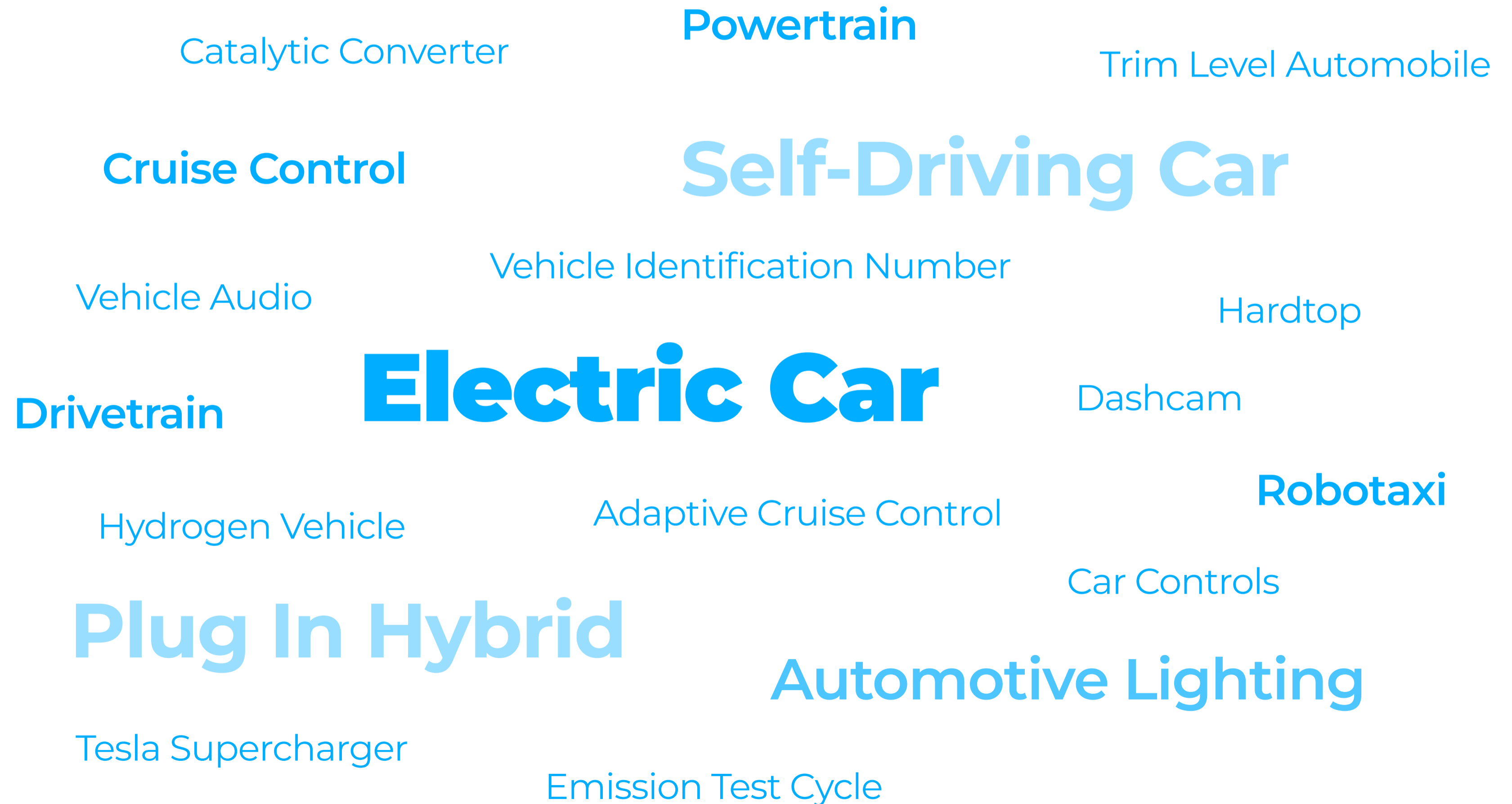


Data Source: Tracxn

Have a business idea? Reach out now for our expert help!

TALK TO US

# Automotive Technologies Trending on Social Media



# Experts on Emerging Automotive Trends

## AI



AI technology can radically transform vehicle development by empowering engineers to extract the best possible insights and predict results from existing engineering data, and much earlier in the development process. This allows engineers to arrive at design and engineering decisions quicker and more efficiently, giving them time to explore even more design parameters and operating conditions



**Dr Richard Ahlfeld**, CEO and Founder, Monolith

## IoT



Traditionally, the only way to update cars that came off the factory line was by returning them to a dealer. Obviously that's not only an inconvenience for the consumer, it becomes very costly for the car manufacturers. Thanks to IoT-connectivity, a car's many software-reliant components can be updated over the air.



**Darren Mann**, Vice President, Global Operations, Airbiquity

## Autonomous Vehicles



The recent legislation permitting driverless robotaxis in Shenzhen is the first of its kind, a major milestone in advancing autonomous driving technology to wider and faster adoption



**Maxwell Zhou**, CEO, DeepRoute

## Electric Vehicles

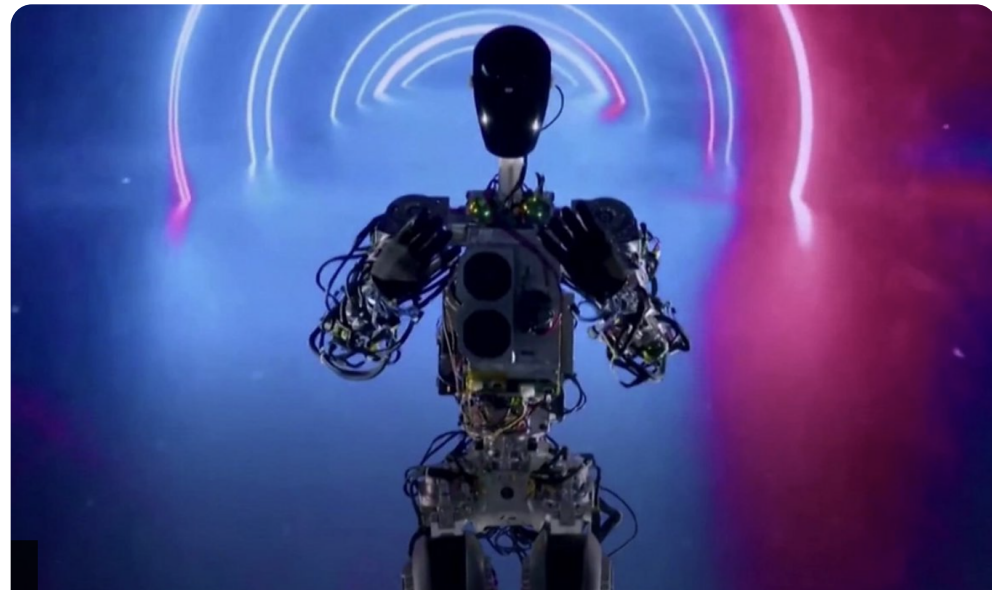


The increase in gas prices over the last six months has pushed consumers to consider going electric, especially for younger generations

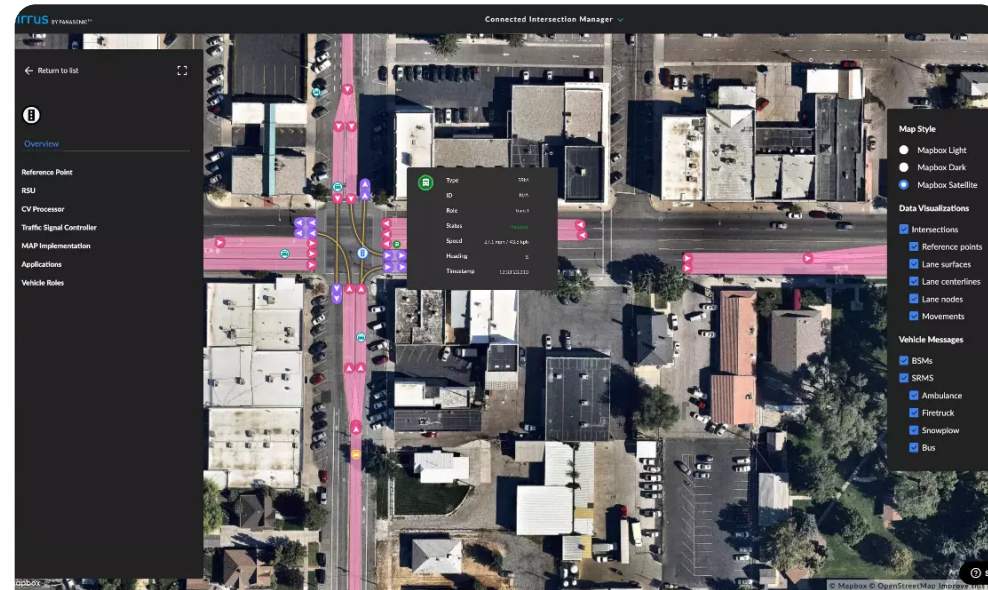


**Greg Brannon**, Director of Automotive Engineering and Industry Relations, American Automobile Association

# Technology Innovations



[Tesla develops a humanoid robot prototype called Optimus for use in the automotive industry](#)



[Panasonic develops V2X technology for critical safety and sustainability](#)



[asTech unveils diagnostic solution to simplify auto repair](#)



[Hyperspec AI launches software platform for autonomous driving](#)



[Recogni develops vision inference chip for autonomous vehicles](#)



[Embark demonstrates emergency vehicle interaction capability for autonomous trucks](#)



[Drover introduces AI-powered IoT solution for micromobility fleets](#)

# Hot News From Automotive Giants

Category	Company Name	Description	Link
Development, launch & termination	<a href="#">Ford Motor Co</a> <a href="#">Tome.Inc</a> <a href="#">T-Mobile US Inc</a> <a href="#">Commsignia Ltd</a> <a href="#">Ohio State University</a>	Ford Motor Company is researching a new smartphone-based communications technology that could potentially help warn drivers of pedestrians, cyclists, and more—even those approaching a vehicle’s path that are blocked from the driver’s view.	<a href="#">Read more</a>
	<a href="#">InventHelp</a>	InventHelp Inventor develops a defrosting device for vehicle windows.	<a href="#">Read more</a>
	<a href="#">Magna International Inc</a>	Magna develops and pilots an autonomous, on-road last-mile delivery solution.	<a href="#">Read more</a>
	<a href="#">Lincoln Electric Holdings Inc</a>	Lincoln Electric launches a DC fast-charge electric vehicle charger initiative.	<a href="#">Read more</a>
	<a href="#">Rivian Automotive LLC</a>	Rivian launches FleetOS management system in Amazon EDVs.	<a href="#">Read more</a>
	<a href="#">Zero Motorcycles Inc</a>	American electric motorbike manufacturer Zero has revealed its new DSR/X adventure motorbike, which headlines the firm’s model lineup for 2023.	<a href="#">Read more</a>
Business expansion	<a href="#">General Motors Co</a>	General Motors is boosting efforts to secure lithium supply, a crucial ingredient for electric vehicle (EV) batteries, by investing in Canadian battery recycling company Lithion Recycling Inc.	<a href="#">Read more</a>
	<a href="#">Gatik.ai</a> <a href="#">Cummins Inc</a>	Gatik and Cummins integrate Gatik’s autonomous driving technology with Cummins’ advanced powertrain in a next-generation autonomous fleet.	<a href="#">Read more</a>
	<a href="#">Hyundai Motor Co</a>	Hyundai Motor Group announced plans to invest an initial \$400M in a US-based artificial intelligence (AI) research center to strengthen its robotics technology capabilities.	<a href="#">Read more</a>
	<a href="#">Bayerische Motoren Werke AG</a>	BMW Manufacturing in Spartanburg, South Carolina, has officially opened its new logistics center, revealing a more efficient, sustainable, and digital operation.	<a href="#">Read more</a>
	<a href="#">Clean Energy Fuels Corp</a>	Clean Energy announces opening of Ohio renewable natural gas station for Amazon and other trucking fleets	<a href="#">Read more</a>
Partnerships	<a href="#">Google Cloud Platform</a> <a href="#">Sibros Technologies Inc</a>	Sibros announces partnership with Google Cloud to bring flexible and intelligent connected vehicle-to-cloud solutions to automakers worldwide.	<a href="#">Read more</a>
	<a href="#">Cerence Inc</a> <a href="#">Amazon Web Services Inc</a> <a href="#">CerebrumX</a>	CerebrumX and Cerence have launched a strategic collaboration to offer an AI-powered platform built on AWS that drives effective data and actionable insights from millions of connected vehicles in real time.	<a href="#">Read more</a>
	<a href="#">SAIC Motor Corp Ltd</a> <a href="#">Pony.ai Inc</a>	Pony.ai announced that it is collaborating with SAIC AI Lab to jointly explore and advance driverless technology.	<a href="#">Read more</a>
	<a href="#">Electrify America LLC</a> <a href="#">Kia America, Inc.</a>	Kia America offers 500 kilowatt-hours of complimentary fast charging to Niro EV buyers through Electrify America network	<a href="#">Read more</a>
	<a href="#">Wallbox Chargers, S.L.</a> <a href="#">Fisker Inc</a>	Fisker and Wallbox partner globally for home EV charging solutions	<a href="#">Read more</a>
Initiative	<a href="#">Government of California</a>	As part of a must-pass state budget, California approved a plan to impose taxes on electric vehicle battery metal lithium to create revenue for an environmental remediation project.	<a href="#">Read more</a>
	<a href="#">Tennessee Valley Authority</a>	The Tennessee Valley Authority issued a request for up to 5,000 megawatts of carbon-free energy that must be operational before 2029. This is one of the largest clean energy procurement requests seen in the country.	<a href="#">Read more</a>



**We will continue watching the booming automotive sector as it stands out for its numerous tech-intensive initiatives. Stay tuned for updates.**

**Softeq Market Research Team**