SOFTEQ

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

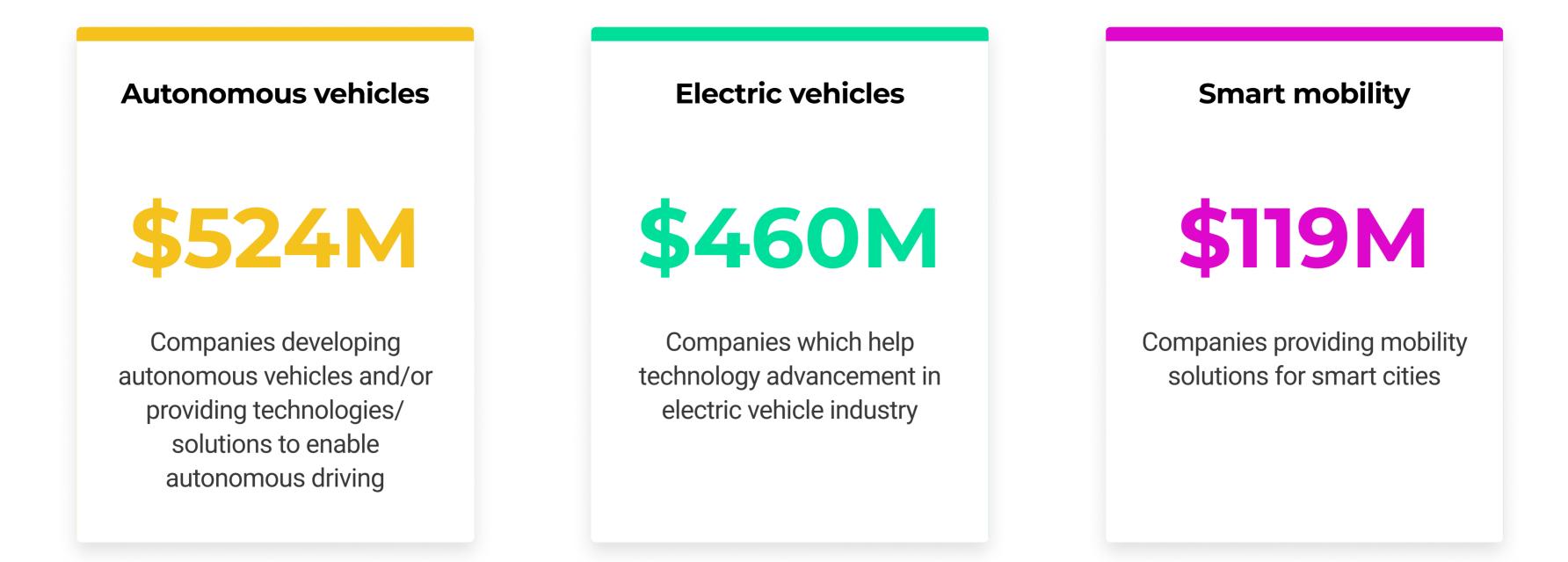
What's inside?

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.



Most-Funded Autotech Segments in Q3 2022

Electric Self-Drive Rentals (Companies providing an online platform to book self drive two wheeler electric vehicles)		\$310M	<u>Lime*</u>
Self-Driving Shuttles (Companies developing self-driving vehicle technology for shuttles)	\$111M		<u>May Mobility*</u>
Smart Parking System (Companies providing parking lots with infrastructure and software for intelligent parking services)	\$108M		<u>Metropolis*</u> DOCK*
Electric Cars (Companies focused on developing electric cars)	\$101M		<u>Faraday Future*</u> <u>Aptera Motors*</u>
Perception Software for Autonomous Vehicles (Companies that provide AI and algorithm processing based solutions using data from vision-based systems)	\$88M		<u>StradVision*</u>
Lithium Ion Batteries (Companies manufacturing lithium ion batteries for multiple categories of electric vehicles)	\$38.3M		<u>BattGenie*</u> <u>Iontra*</u>
Taxi Aggregators for School Kids (Companies providing intracity taxi booking services by aggregating drivers and cab service providers for school kids)	\$37M		<u>HopSkipDrive*</u>

Self-Driving Trucks

Self-Driving Trucks (Companies developing self-driving vehicle technology for commercial trucks)	\$15M	<u>Kodiak Robotics*</u> <u>TuSimple*</u>
Electric Shuttle Booking Platforms (Companies providing transport via their own fleets of electric shuttles)	\$ 11M	<u>Circuit*</u>
Shared Mobility Management for Cities (Companies providing solutions for shared mobility management for cities)	\$ 11M	<u>Populus*</u>

*Most-funded companies in the segment

Data Source: Tracxn

Most-Funded Autotech Companies in the US in Q3 2022

Lime

May Mobility

\$111M

Developer of autonomous shuttles



App-based platform to book electric kick scooter and bike-sharing services Metropolis



AI-enabled platform offering comprehensive parking management solutions

Data Source: Tracxn

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

TALK TO US

Automotive Technologies Trending on Social Media

Catalytic Converter

Powertrain

Cruise Control

Vehicle Audio

Vehicle Identification Number

Drivetrain

Electric Car

Hydrogen Vehicle

Adaptive Cruise Control

Plug In Hybrid

Tesla Supercharger

Emission Test Cycle



Trim Level Automobile **Self-Driving Car** Hardtop Dashcam Robotaxi

Car Controls

Automotive Lighting

Experts on Emerging Automotive Trends

AI

"

Al 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

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

loT

"

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.

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Electric Vehicles

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

Maxwell Zhou, CEO, DeepRoute

Data Source: GlobalData

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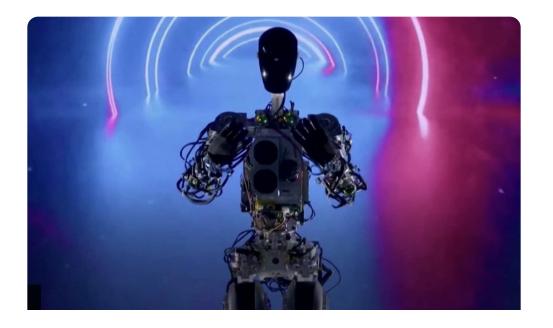
Darren Mann, Vice President, Global Operations, Airbiquity

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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



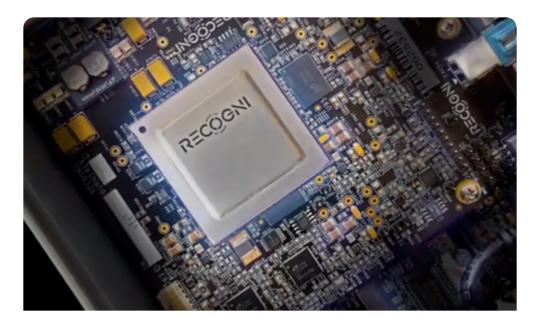
Panasonic develops V2X technology for critical safety and sustainability



Hyperspec AI launches software platform for autonomous driving



Drover introduces Al-powered IoT solution for micromobility fleets



Recogni develops vision inference chip for autonomous vehicles

Data Source: GlobalData



asTech unveils diagnostic solution to simplify auto repair



Embark demonstrates emergency vehicle interaction capability for autonomous trucks

Hot News From Automotive Giants

Category	Company Name	Description	Link
	<u>Ford Motor Co</u> <u>Tome.Inc</u> <u>T-Mobile US Inc</u> <u>Commsignia Ltd</u> <u>Ohio State University</u>	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.	<u>Read more</u>
	<u>InventHelp</u>	InventHelp Inventor develops a defrosting device for vehicle windows.	<u>Read more</u>
Development, launch & termination	<u>Magna International</u> Inc	Magna develops and pilots an autonomous, on-road last-mile delivery solution.	<u>Read more</u>
	<u>Lincoln Electric</u> <u>Holdings Inc</u>	Lincoln Electric launches a DC fast-charge electric vehicle charger initiative.	<u>Read more</u>
	<u>Rivian Automotive</u> <u>LLC</u>	Rivian launches FleetOS management system in Amazon EDVs.	<u>Read more</u>
	Zero Motorcycles Inc	American electric motorbike manufacturer Zero has revealed its new DSR/X adventure motorbike, which headlines the firm's model lineup for 2023.	<u>Read more</u>
	<u>General Motors Co</u>	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.	<u>Read more</u>
	<u>Gatik.ai</u> <u>Cummins Inc</u>	Gatik and Cummins integrate Gatik's autonomous driving technology with Cummins' advanced powertrain in a next-generation autonomous fleet.	<u>Read more</u>
Business expansion	<u>Hyundai Motor Co</u>	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.	<u>Read more</u>
	<u>Bayerische Motoren</u> <u>Werke AG</u>	BMW Manufacturing in Spartanburg, South Carolina, has officially opened its new logistics center, revealing a more efficient, sustainable, and digital operation.	<u>Read more</u>
	<u>Clean Energy Fuels</u> <u>Corp</u>	Clean Energy announces opening of Ohio renewable natural gas station for Amazon and other trucking fleets	<u>Read more</u>
	<u>Google Cloud Platform</u> <u>Sibros Technologies Inc</u>	Sibros announces partnership with Google Cloud to bring flexible and intelligent connected vehicle-to-cloud solutions to automakers worldwide.	<u>Read more</u>
	<u>Cerence Inc</u> <u>Amazon Web</u> <u>Services Inc</u> <u>CerebrumX</u>	CerebrumX and Cerence have launched a strategic collaboration to offer an Al- powered platform built on AWS that drives effective data and actionable insights from millions of connected vehicles in real time.	<u>Read more</u>
Partnerships	<u>SAIC Motor Corp Ltd</u> <u>Pony.ai Inc</u>	Pony.ai announced that it is collaborating with SAIC AI Lab to jointly explore and advance driverless technology.	<u>Read more</u>
	<u>Electrify America LLC</u> <u>Kia America, Inc.</u>	Kia America offers 500 kilowatt-hours of complimentary fast charging to Niro EV buyers through Electrify America network	<u>Read more</u>
	<u>Wallbox Chargers, S.L.</u> <u>Fisker Inc</u>	Fisker and Wallbox partner globally for home EV charging solutions	<u>Read more</u>
	<u>Government of</u> <u>California</u>	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.	<u>Read more</u>
Initiative	<u>Tennessee Valley</u> <u>Authority</u>	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.	<u>Read more</u>



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

SOFTEQ BLOG

A blog about all things Automotive.