

Investment Opportunities in the Automotive Industry, Q1-Q2 2021

If you:

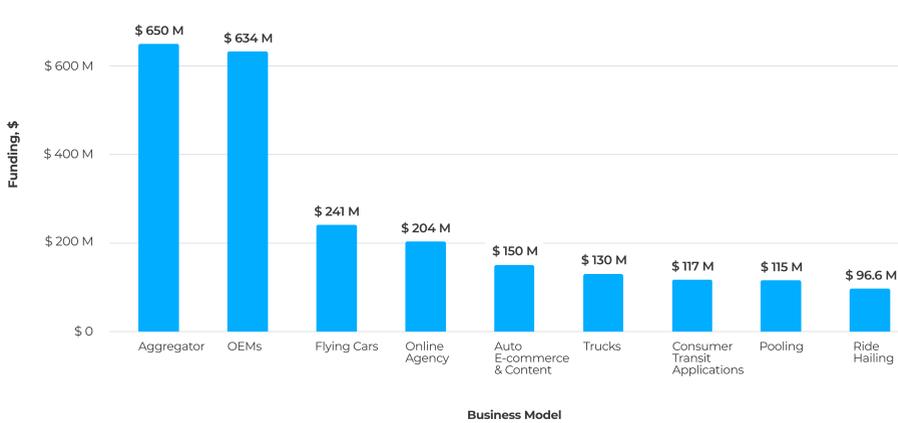
- develop next gen automotive solutions that will improve road, driver, and pedestrian safety and provide asset security
- want to partner with an automotive startup to deliver innovative vehicle products and services
- are a semiconductor manufacturer, electric vehicle automaker, or a provider of sensor, GPS, telematics, and other components for the automotive industry
- are looking to invest in the automotive ecosystem in the EMEA region or in the USA,

then our snapshot will help you monitor the autotech industry and keep emerging players and trends on your radar. This document features the best-funded autotech segments and companies in the EMEA region.

Most Funded Autotech Segments and Companies

The highest funded segments in the EMEA region were aggregators, OEMs, and flying cars. Aggregators—companies providing intercity transportation services by aggregating buses—are leaders because of the lifting of COVID restrictions and the resumption of tourism. OEMs and flying cars also received large amounts of funding due to the growing demand for electric vehicles in Europe and around the world.

Aggregators Became the Most Funded Autotech Segment, Q2 2021



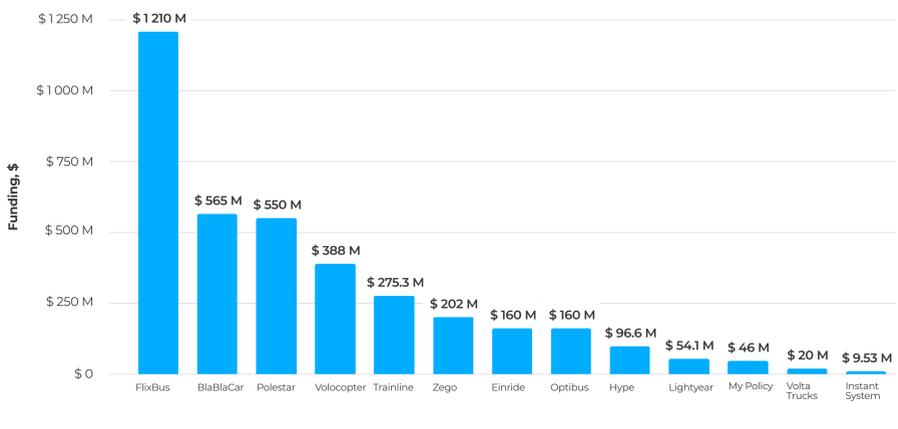
* Countries that were included in the EMEA region: Germany, Switzerland, Austria, Finland, Denmark, Norway, Sweden, UK, Ireland, France, Netherlands, Belgium, Israel, and UAE.

Data Source: Tracxn

Notable Companies in the Most Funded Autotech Segments, Q2 2021

#	Top Funded Segments	Notable Companies
1	Aggregator (Companies providing intercity transport by aggregating buses)	FlixBus
2	OEMs (Companies focused on developing electric cars)	Polestar , Lightyear
3	Flying Cars (Small personal-use flying vehicles which do not have on-road running capabilities)	Volocopter
4	Online Agency (Companies providing bus ticket for intercity travel)	Trainline
5	Auto E-Commerce & Content (Companies offering usage-based automotive insurance to consumers)	Zego , My Policy
6	Trucks (Companies developing heavy-duty electric trucks for long distance transportation of goods)	Einride , Volta Trucks
7	Consumer Transit Applications (Companies providing multiple transit solution apps to public transport passengers)	Optibus , Instant System
8	Pooling (Companies allowing users to carpool with other travellers for intercity transport)	BlaBlaCar
9	Ride Hailing (Companies providing chauffeur-driven electric cars for sharing and rental services)	Hype

German Online Platform for Booking Bus Tickets Leads in Funding, Q2 2021



FlixBus is an online mobility platform for booking bus tickets. The company offers a self-branded bus operator that provides intercity bus routes.

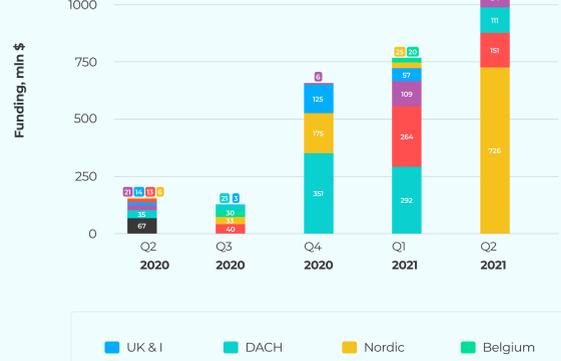
BlaBlaCar is an online platform for intercity carpooling. The platform connects drivers with free available seats and paying passengers to offset long-distance travel costs.

Polestar is developing electric cars.

Funding of Key Autotech Segments

Electric Vehicles Funding, min \$, Q2 2020-2021

Funding for electric vehicles is growing on a quarterly basis with the Nordic region at the forefront.

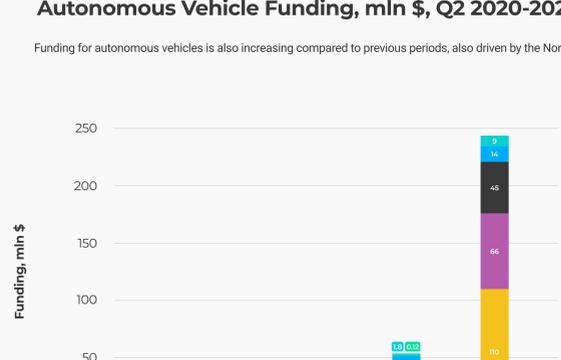


Notable companies in EV segment

Country	Company	Funding Amount
Sweden	Polestar	\$ 550.0 M
Germany	TIER	\$ 250.0 M
Sweden	Einride	\$ 160.0 M
Israel	IRP Systems	\$ 57.0 M
Germany	TWAICE	\$ 45.0 M
Germany	Virtu	\$ 41.4 M
Finland	Uru	\$ 36.0 M
Sweden	X Shore	\$ 25.1 M
Sweden	Vassla	\$ 17.0 M
Denmark	MATE	\$ 11.4 M
UK	char.gy	\$ 8.88 M
UK	evenergy	\$ 8.8 M
Germany	Ampersand	\$ 3.5 M
Ireland	Modmo	\$ 1.2 M
Finland	eMabler	\$ 0.8 M

Autonomous Vehicle Funding, min \$, Q2 2020-2021

Funding for autonomous vehicles is also increasing compared to previous periods, also driven by the Nordic countries.



Notable companies

Country	Company	Funding Amount
Sweden	Einride	\$ 160.0 M
France	EasyMile	\$ 88.5 M
UK	Oxbotica	\$ 80.0 M
Israel	Upstream Security	\$ 43.0 M
Israel	Ottopia	\$ 12.0 M
Germany	SCANTINEL PHOTONICS	\$ 9.2 M

Hot News in the Automotive Industry

Company Name	Top Funded Business Models	News	Country
Hyundai Motor Uber	Hyundai Motor entered a strategic partnership with Uber, with the aim of electrifying its mobility services in Europe. Hyundai provides Uber's partner drivers with discounted access to thousands of Kona Electrics and IONIQ Electrics for drivers using the Uber app. These include the United Kingdom, France and the Netherlands.	Source	USA
Compleo Charging Solutions Wallbe	Compleo Charging Solutions and Wallbe become one. The merger should take place in April. The merger of the companies that complement each other in their products and services is intended to create a large provider of charging solutions in Europe.	Source (DE)	Germany
Bosch	The technology group starts the second quarter with good figures. The company announced that sales rose by 17 percent year-on-year to over 20 billion euros. The electric mobility is to become a future core business in the powertrain. This year Bosch invested 700 million euros.	Source (DE)	Germany
Arrival Uber	Arrival and Uber to collaborate on electric Car for ride-hailing industry.	Source	UK
Volvo Didi Chuxing	Volvo and the Chinese driver service agent Didi Chuxing want to jointly launch robotaxis. The basis is a converted XC90.	Source (DE)	Sweden China
Volkswagen	Volkswagen plans to design and develop its own high-powered chips for autonomous vehicles, along with the required software.	Source	Germany
—	Germany has recently suffered significant losses as a manufacturing location. Serbia, North Macedonia and Morocco, on the other hand, are becoming increasingly important.	Source (DE)	Germany
—	Germany aims to get self-driving cars on the roads in 2022.	Source	Germany
CARLA	CARLA democratizes autonomous vehicle R&D with free open-source simulator.	Source	Global
Volvo Ericsson	Volvo Cars and Ericsson achieve first cross-border, 5G network vehicular handover.	Source	UK
FEV Ibeo Beijing LiangDao Intelligent Automotive Technology	FEV, Ibeo and Liang Dao cooperate. The development service providers FEV and Liang Dao as well as the lidar developer Ibeo want to jointly offer driver assistance systems and systems for automated driving at levels three and four in the future. Ibeo brings its lidar technology into the partnership, FEV uses this for the development of ADAS and AD systems. Among other things, Liang Dao is responsible for testing and validating the newly developed systems and for data acquisition.	Source (DE)	Germany China
Hitachi Europe Arrival	Hitachi partners with Arrival to deliver electric bus and infrastructure solutions across Europe.	Source	UK
Daimler	Daimler presented its new electric flagship. After a series of converted combustion engines, Mercedes is now bringing the EQS, the first battery-powered car with its own architecture.	Source (DE)	Germany
Renault Atos Dassault STMicroelectronics Thales	Renault, Atos, Dassault, ST Microelectronics and Thales want to found the so-called "Software République". The focus is on intelligent mobility with the aim of building a sustainable mobility offer for cities, regions, companies and citizens.	Source (DE)	
Lamborghini	Lamborghini is investing over a billion in electric drives. Volkswagen subsidiary wants to bring its first series car with a hybrid drive onto the market, and all products should be available as hybrids by the end of 2024.	Source (DE)	Italy
ZF Mobileye	ZF and Mobileye are jointly developing driver assistance systems for Toyota.	Source (DE)	Germany Israel
Stellantis Foxconn	Stellantis and Foxconn establish joint venture. The two companies want to jointly develop digital cockpits and mobility services - initially for Stellantis vehicles, and later also for other car manufacturers.	Source (DE)	Netherlands
Bosch	Bosch opens semiconductor factory in Dresden. Bosch plans to manufacture chips on 300-millimeter wafers for the Internet of Things and the automotive industry.	Source (DE)	Germany
Mercedes-Benz	Mercedes-Benz wants to develop a new operating system for connected cars - and hire thousands of software and IT specialists. MB.OS is a data-supported and flexibly updatable software architecture with which vehicles can be networked with the cloud and the IoT world.	Source (DE)	Germany
Porsche Vodafone Here Technologies	Porsche, Vodafone and Here Technologies want to develop a warning system that warns the driver of dangerous situations in real time. The companies want to use a combination of cameras, sensors, 5G mobile communications, HD cards, positioning software and the so-called "Live Sense SDK" software from Here.	Source (DE)	Germany UK Netherlands
Infineon	Infineon creates radar sensors to monitor people in self-driving cars.	Source	Germany



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