

Investment Opportunities in the Automotive Industry, Q3 2021

If you:

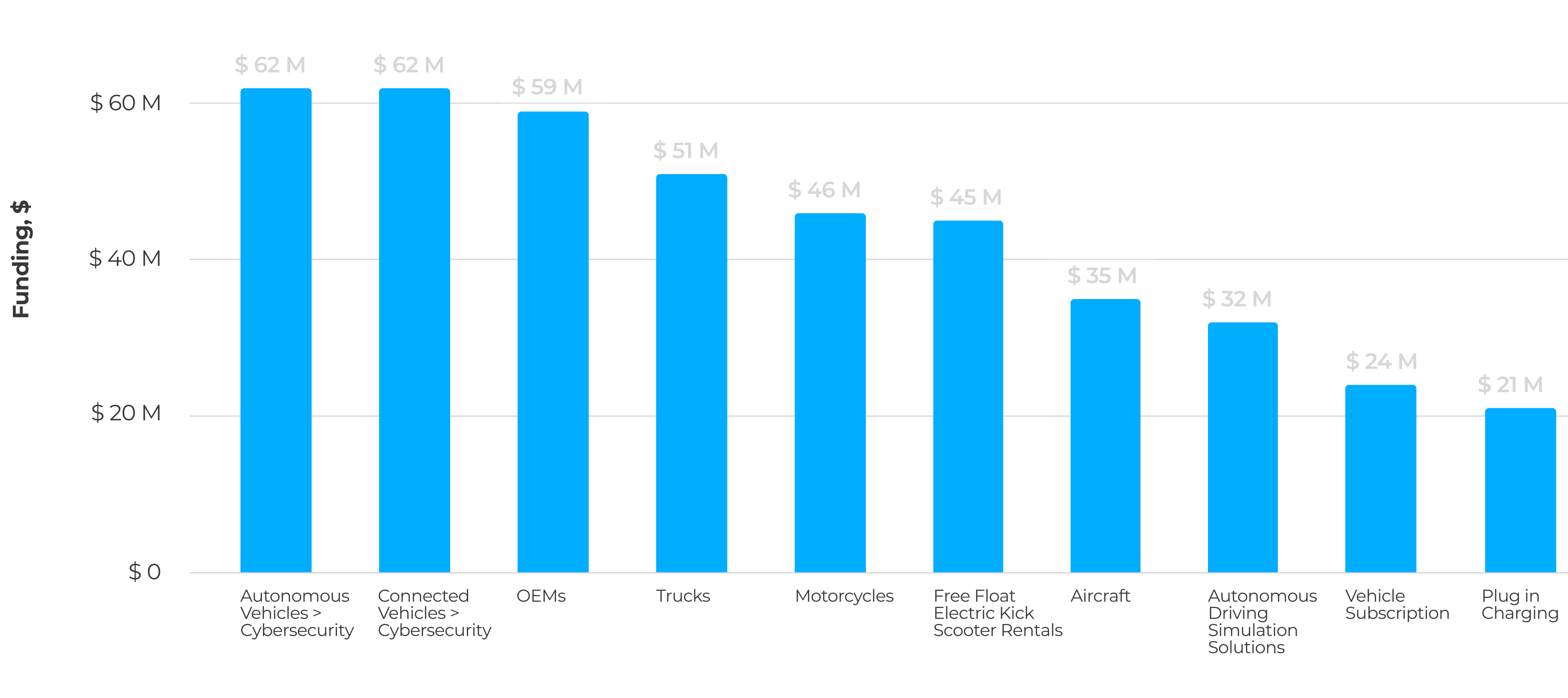
- Develop next gen automotive solutions that will improve road, driver, and pedestrian safety and provide asset security
- Want to partner with an automotive startup to deliver innovative vehicle products and services
- Are a semiconductor manufacturer, electric vehicle automaker, or a provider of sensors, 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
- Want to be aware of trending topics and industry news

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 cybersecurity solutions for the autonomous vehicles, cybersecurity solutions for the connected cars, and OEMs. Cybersecurity solutions for autonomous and connected cars took the lead because of the ever-growing need for automotive cybersecurity.

Cybersecurity Solutions for Autonomous Vehicles Became the Most Funded Autotech Segment, Q3 2021



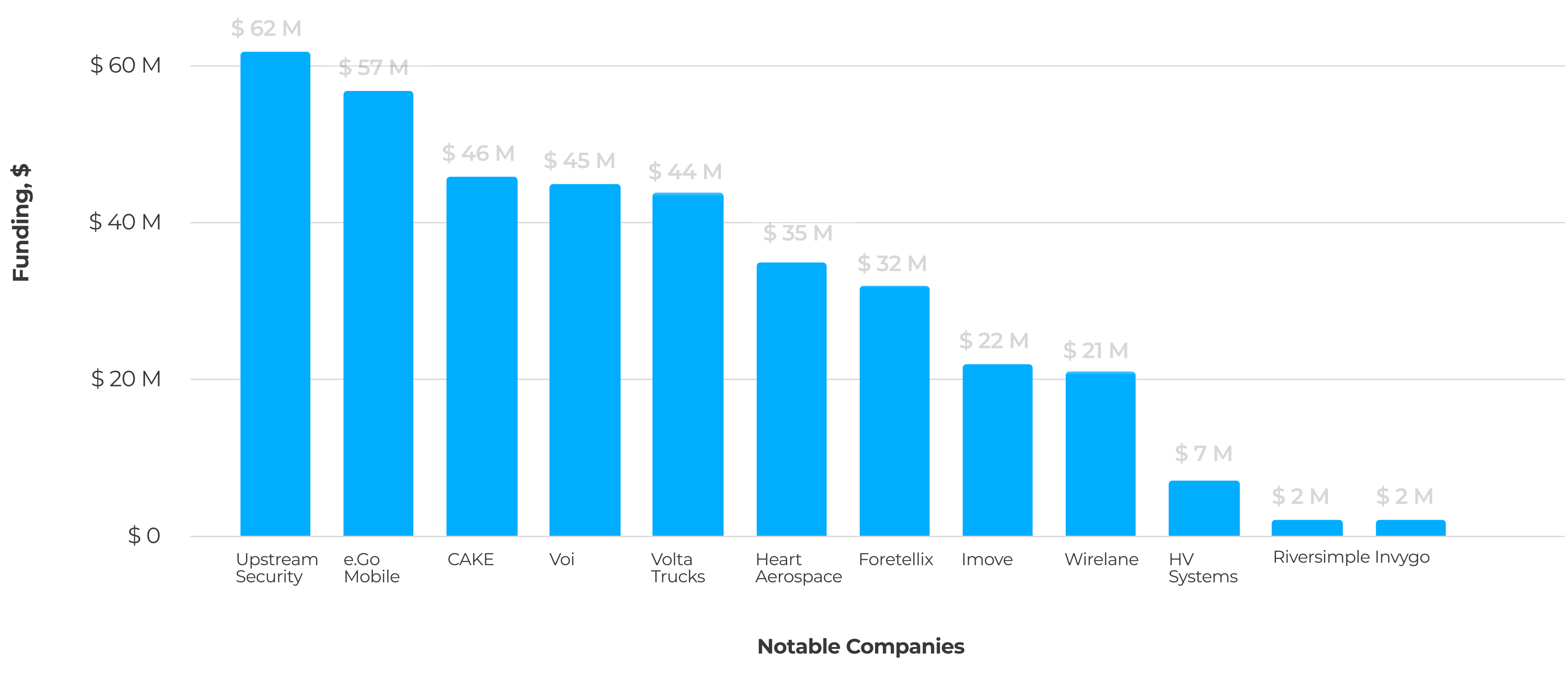
* Countries that were included in the EMEA region: Germany, Switzerland, Austria, Finland, Denmark, Norway, Sweden, UK, Ireland, France, Netherlands, Belgium, Israel, and UAE.

Data Source: Tracxn

Notable Companies in the Most Funded Autotech Segments, Q3 2021

#	Top Funded Segments	Notable Companies
1	Cybersecurity for Autonomous Vehicles (Companies providing cybersecurity solutions for autonomous vehicles)	Upstream Security
2	Cybersecurity for Connected Vehicles (Companies providing cybersecurity solutions to prevent intrusion of Electronic Control Unit and other forms of cyber attacks in connected cars)	Upstream Security
3	OEMs (Companies focused on developing electric cars)	Riversimple e.GO Mobile
4	Electric Trucks (Companies developing heavy-duty electric trucks for long distance transportation of goods)	Volta Trucks HV Systems
5	Electric Motorcycles (Companies developing electric motorcycles)	CAKE
6	Free Float Kick Scooters Rentals (Companies offering electric kick scooters through free-float model)	Voi
7	Electric Aircraft (Companies focused on developing electric aircraft)	Heart Aerospace
8	Autonomous Driving Simulation Solutions (Companies that provide simulation solutions for the testing and development of autonomous vehicles)	Foretellix
9	Vehicle Subscription (Companies providing cars on a monthly subscription basis)	Inovo Invo
10	Plug in Charging (Companies focused on developing plug-in charging equipment for electric vehicles)	Wirelane HeyCharge

Cloud-Based Automotive Cybersecurity Company Leads in Funding, Q3 2021



Upstream Security is an Israel company providing cloud based automotive cybersecurity solutions.

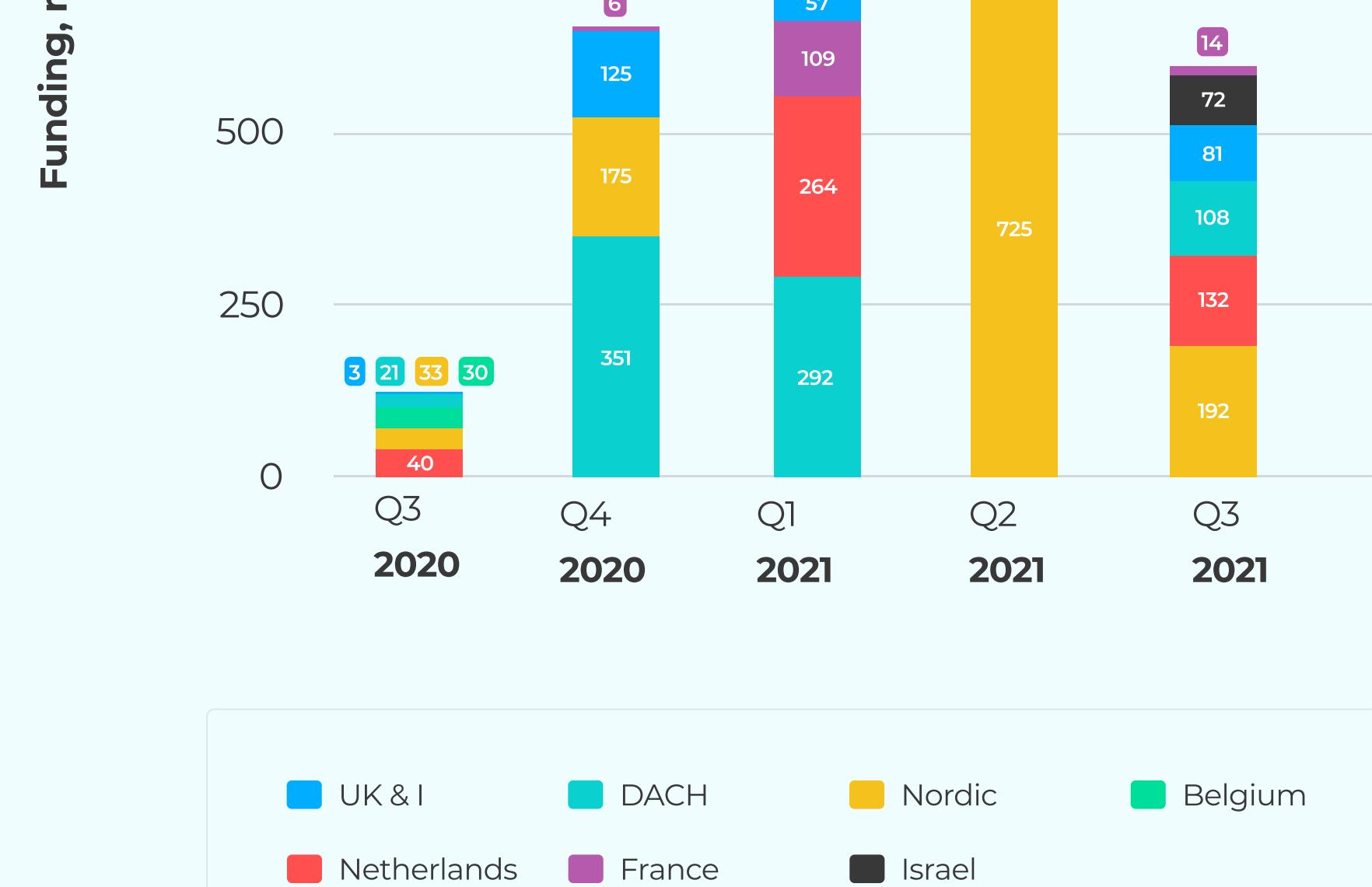
e.GO Mobile is a developer of electric cars.

CAKE manufactures off-road electric motorbikes.

Funding of Key Autotech Segments

Electric Vehicles Funding, mln \$, Q3 2021

While funding of electric vehicles is declining in the third quarter, the Nordic region is leading for the second time in a row.

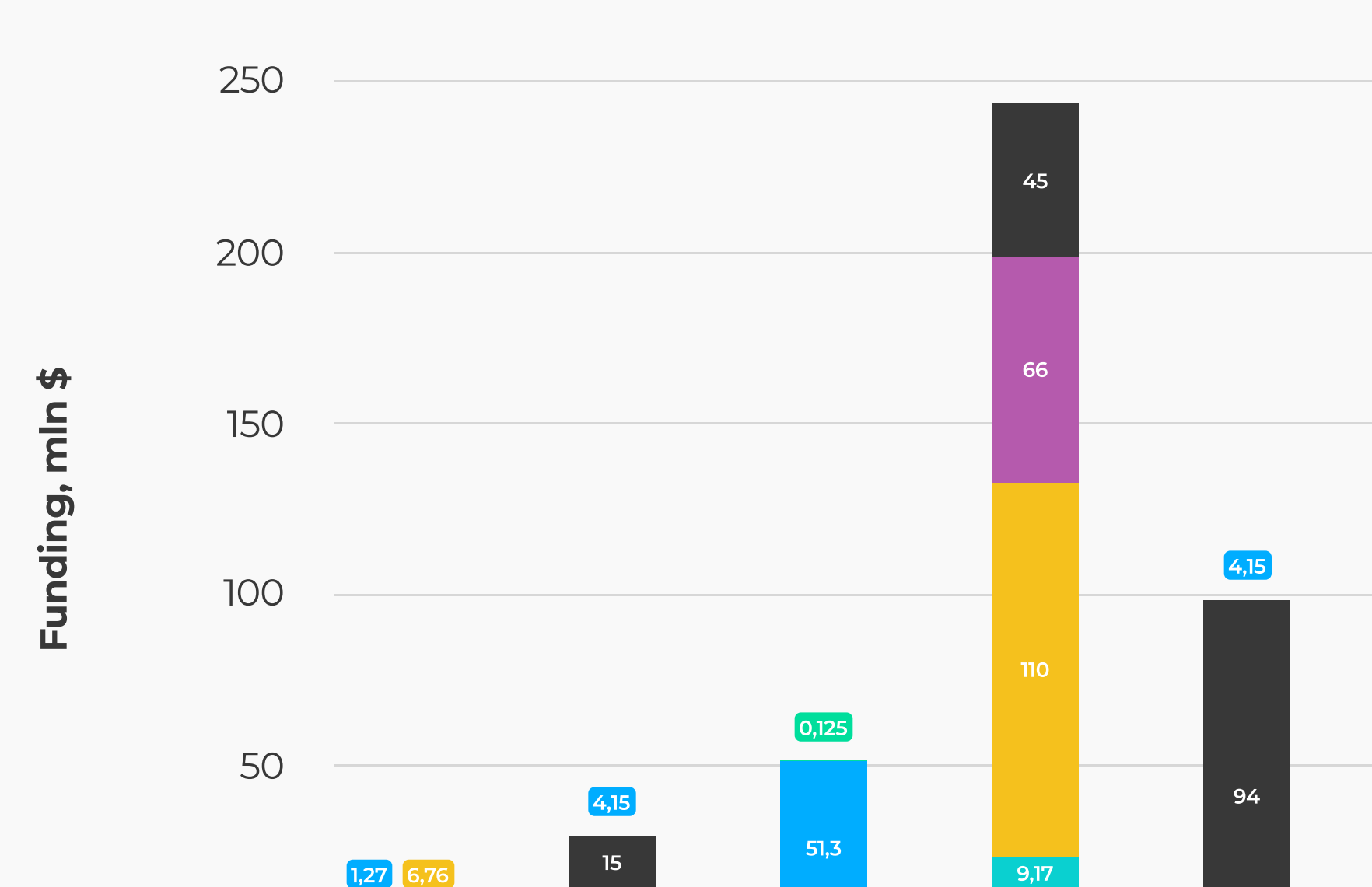


Notable companies in EV segment

Country	Company	Funding, mln \$	Funding in Q3
Netherlands	VanMoof	\$189 M	\$128 M
Germany	e.GO Mobile	\$94 M	\$57 M
Sweden	Volta Trucks	\$64 M	\$44 M
Sweden	CAKE	\$60 M	\$46 M
Germany	Dance	\$37 M	\$19 M
Sweden	Heart Aerospace	\$37 M	\$35 M
Germany	Wirelane	\$26 M	\$21 M
Israel	REE	\$21 M	\$17 M
UK	Switch Mobility	\$18 M	\$18 M
UK	Dynamo	\$2 M	\$2 M

Autonomous Vehicle Funding, mln \$, Q3 2021

Funding of autonomous vehicles is also declining compared to previous periods, but in Israel it is rising compared to the Q2.

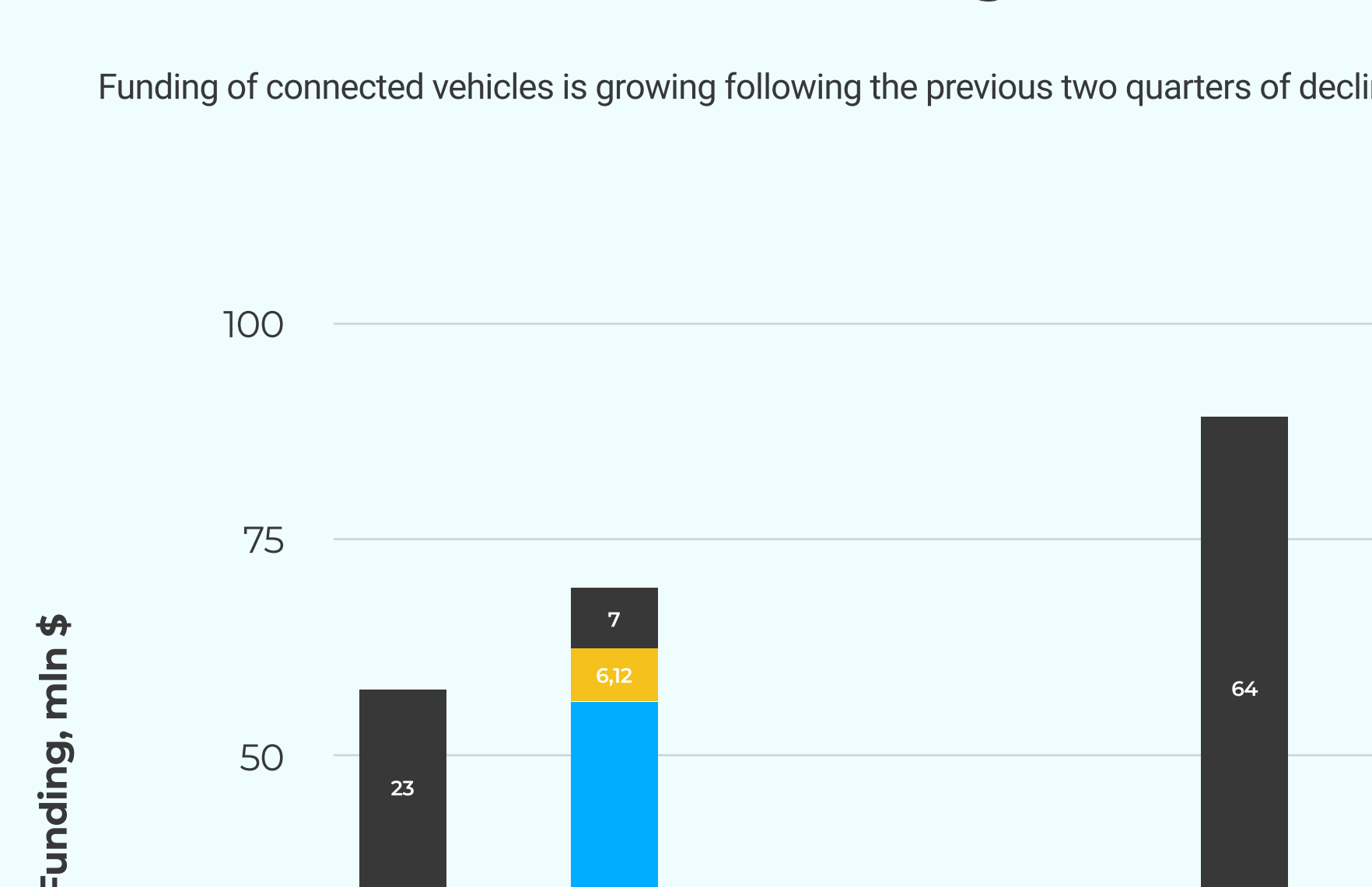


Notable companies in Autonomous vehicles segment

Country	Company	Funding, mln \$	Funding in Q3
Israel	Upstream Security	\$139 M	\$62 M
Israel	Foretellix	\$50 M	\$32 M
UK	StreetDrone	\$4 M	\$4 M

Connected Vehicles Funding, mln \$, Q3 2021

Funding of connected vehicles is growing following the previous two quarters of decline. Israel is at the forefront of growth.



Notable companies in Connected vehicles segment

Country	Company	Funding, mln \$	Funding in Q3
Israel	Upstream Security	\$139 M	\$62 M
France	Angell	\$14 M	\$14 M
Germany	BYD	\$12 M	\$12 M
Israel	Mobi	\$2 M	\$2 M

Hot News in the Automotive Industry

Category	Company Name	Description	News	Country
Business Expansion	BMW	BMW restructured its plant in Dingolfing and made significant investments. Now the employees assemble combustion engines, plug-in hybrids and BEVs in a mix on one line.	Source	Germany
	Stellantis	Opel parent company Stellantis is expanding the production of e-cars in Great Britain after Brexit and is investing 100 million pounds in electric car production.	Source	UK
	Magna Veoneer	Magna wants to create an industry giant for driver assistance systems and swallows the Swedish specialist Veoneer.	Source	Canada Sweden
	Great Wall	Great Wall Motors prepares its European launch. In addition to the premium brand Wey, there will also be an offer specifically for young people.	Source	China
	Bosch	Bosch plans to focus on semiconductor products and automotive electronics in a new research and development center in Limerick, Ireland.	Source	Ireland
	e.GO Mobile	The small electric car manufacturer Next e.GO Mobile has completed a financing round. (E.Go collects almost 50 million euros) The company intends to invest the fresh capital in expanding production and in new models.	Source	Germany
	VW	VW is launching car subscription and wants to become the market leader in 2021	Source	Germany
Development, Launch & Termination	Volvo	Volvo is working on the 1,000-kilometer battery	Source	Sweden
	Auve Tech	Auve Tech launches the first autonomous hydrogen vehicle in the world	Source	Estonia
	Arrival	Arrival has announced its selection of the Ambarella CV2FS CVFlow AI vision processor to enable autonomous driving and ADAS features for the Arrival Bus and Van.	Source	UK
Government news	Ottobahn	The start-up Ottobahn wants to revolutionize private transport with the construction of a first test track, an approximately one kilometer long circuit, is to begin this year.	Source	Germany
	The federal government	Federal Transport Minister Andreas Scheuer and Bavarian Prime Minister Markus Söder opened the German Center for Mobility of the Future (DZM) in Munich on Monday. With a budget of 400 million euros, it is intended to better network researchers, startups and large companies over the next few years and to advance innovative projects more quickly.	Source	Germany
Initiative	Mercedes-Benz	Mercedes-Benz wants to switch production entirely to battery-electric vehicles by 2030 - passenger cars as well as vans and sports cars. And: Group research has ambitious goals for batteries.	Source	Germany
	Daimler	The truck manufacturer Daimler Truck is confident that it will overcome conventional diesel technology for trucks in the EU faster than the political target. The aim is to reduce the CO2 emissions for its own truck fleet by 2030 more than the international community demands	Source	Germany
Partnerships	Renault Plug Power	Renault has founded a joint venture called Hyvia with the hydrogen specialist Plug Power. At the end of the year, three fuel cell vans are due to come onto the market - based on a converted Renault Master.	Source	France USA
	Valmet Automotive Lightyear One	Valmet Automotive will manufacture the Lightyear One electric car. The Lightyear One converts solar energy from integrated solar cells into traction current	Source	Finland
	Veoneer Baraja	Veoneer partners with Baraja to deliver Spectrum-Scan LiDAR for next generation autonomous vehicles	Source	Sweden Australia
	Storck Bicycle Porsche Digital	The German bicycle manufacturer Storck Bicycle has founded a new bicycle brand called Cyklier together with Porsche Digital. Some equipment details clearly come from the car.	Source	Germany



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