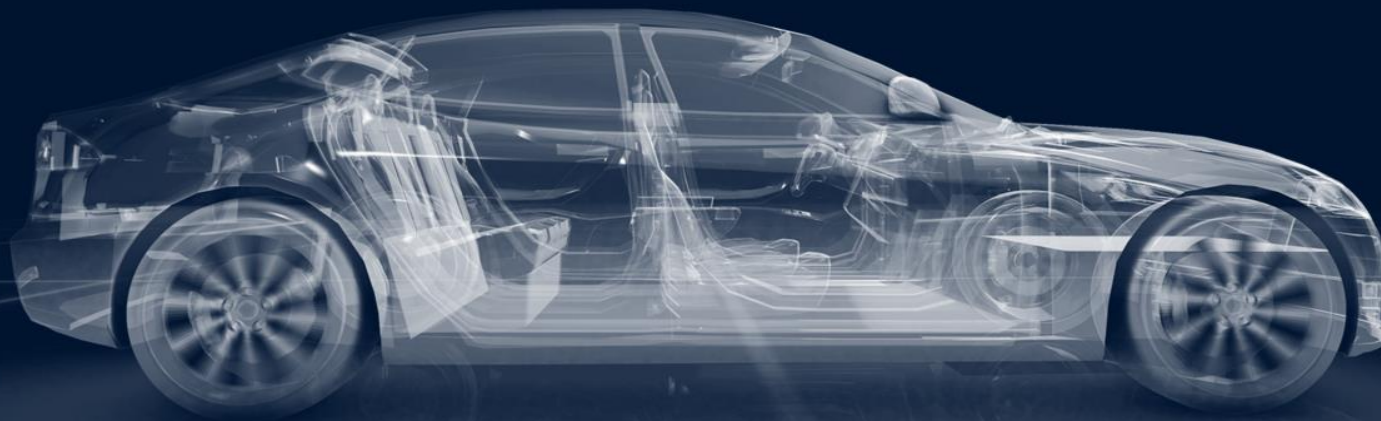


# BIP AutoObserver

Analysis of new car registrations

May 2024



# Executive Summary

## Analysis of new car registrations in Europe & Italy – May 2024



### Europe\*

**-2,6%**

**Top Countries by growth of new registrations:** 12 countries grew in May 2024 compared to May 2023, the highest rates for Croatia (+18,9%), Romania (+14,7%) and Poland (+13,2%). Relevant decrease for Cyprus (-24,0%) and Norway (-23,2%)

**Top 3 Countries by Market Share:** Germany 21,1% (+0,1 p.p.), United Kingdom 14,9% (+0,4 p.p.) and France 13,2% (+0,0 p.p.) in May 2024 YTD compared to May 2023 YTD

**Brands:** among the **Top 15 by volume**, Volvo Cars (+35,5%), Toyota (+15,1%) and BMW (+13,6%) experienced the highest growth in May 2024 YTD vs May 2023 YTD, while Ford (-16,4%) registered the highest decrease, followed by Audi, Kia and Opel Vauxhall

**Premium brands\*\*:** looking at the monthly results, Mercedes-Benz reported an increase (+0,2%), while Audi and BMW both reported a drop (-10,1% and -7,0% respectively)



### Italy

**-6,6%**

**Areas monthly results:** North-East -5,9%, North-West -7,2%, Center -7,2%, South -6,7% and Islands -5,0%, comparing May 2024 to May 2023

**Customer segments:** Retail -10,6%, Fleet -12,0% and Business +22,3% comparing May 2024 vs May 2023

**Brands:** In May 2024, among the **Top 15 by volume**, Dacia (-40,8%), Peugeot (-38,5%) and Ford (-25,1%) registered the highest decreases, while Citroën (+42,5%), Renault (+20,6%) and Hyundai (+9,9%) experienced the greatest increase

**Premium brands\*\*:** BMW recorded both monthly and YTD highest increase (+21,2% and +23,8% respectively); Audi also showed both a monthly and YTD increase (+5,9% and +6,2% respectively); Mercedes-Benz increased monthly (+11,8%) but showed a slight YTD decrease (-1,0%)



## 01. Europe

- | Market overview
- | New car registrations by brands

02. Italy

03. New car models launches in Italy

04. Commercial & Industrial Vehicles

05. News on key industry trends

# Europe | Market Overview

Top 10 European Markets\* – May 2024

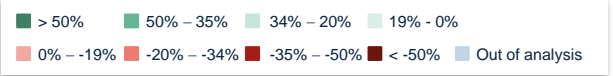
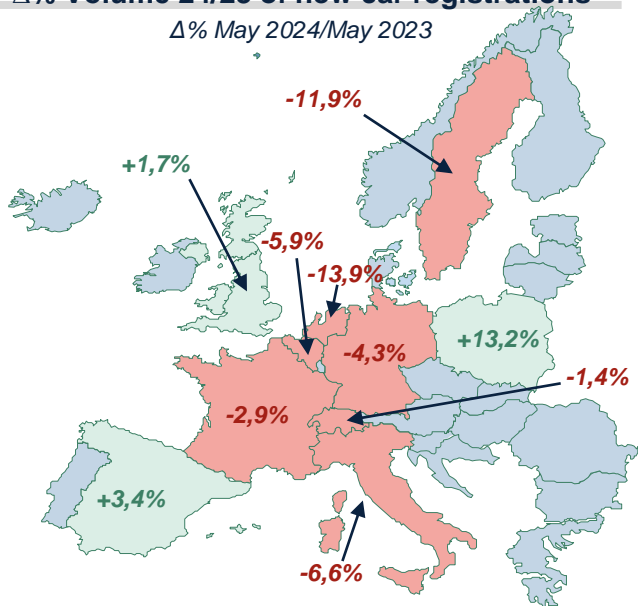
European Markets\*  
new car registrations

2024	1.092.901	-2,6%
2023	1.122.214	



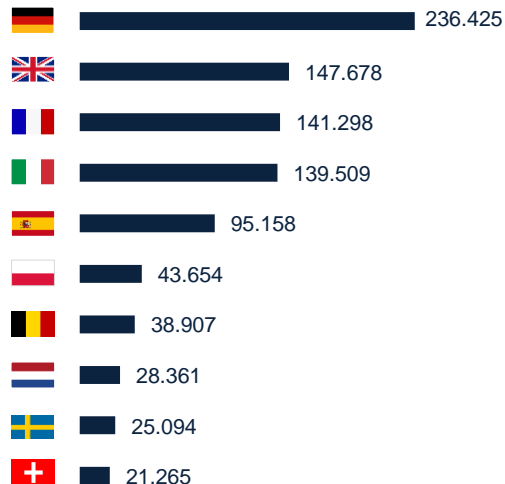
## Δ% Volume 24/23 of new car registrations

Δ% May 2024/May 2023



## Number of EU new car registrations 2024

New car registration May 2024



## ! Highlights

- The European market (EU+UK+EFTA) **registrations** decreased from **1.122.214** in **May 2023** to **1.092.901** in **May 2024** (-2,6%)
- The top 10 by volume showed a **decrease** for 7 countries in May 2024, the highest drop for:
  - Netherlands** (-13,9%)
  - Sweden** (-11,9%)
 On the other hand, the most relevant growth was registered for:
  - Poland** (+13,2%)
  - Spain** (+3,4%)

# Europe | Market Overview

Top 10 European Markets\* – May 2024 YTD

European Markets\*  
new car registrations

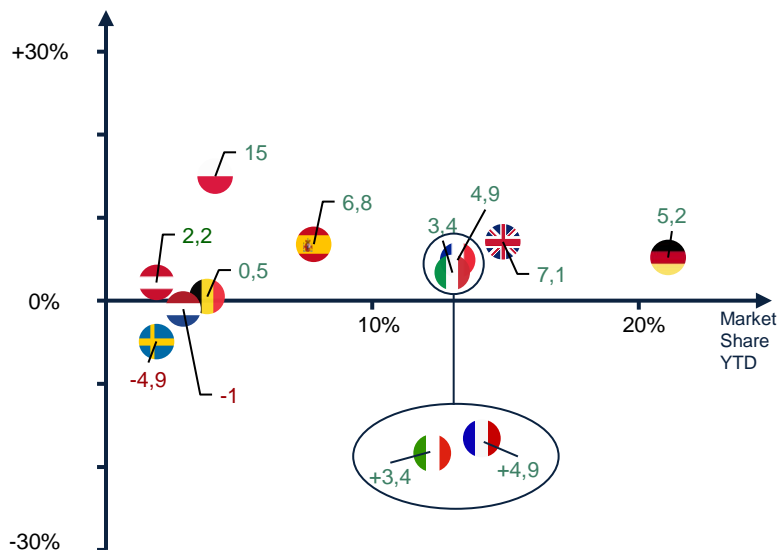
2024	5.569.024
2023	5.324.124

4,6%



## Highlights - Δ% Volume 24/23 & Market Share (MS)

Δ% May 2024/May 2023



#	Country	MS May 2024 YTD	Δ vs 2023	Sales Volume May 2024 YTD
1	GER	21,1%	+5,2	1.174.312
2	UK	14,9%	+7,1	827.500
3	FRA	13,2%	+4,9	733.177
4	ITA	13,0%	+3,4	725.751
5	SPA	7,8%	+6,8	431.884
6	POL	4,1%	+15,0	226.736
7	BEL	3,8%	+0,5	213.746
8	NET	2,9%	-1,0	158.803
9	SWE	1,9%	-4,9	106.893
10	AU	1,9%	+2,2	104.420

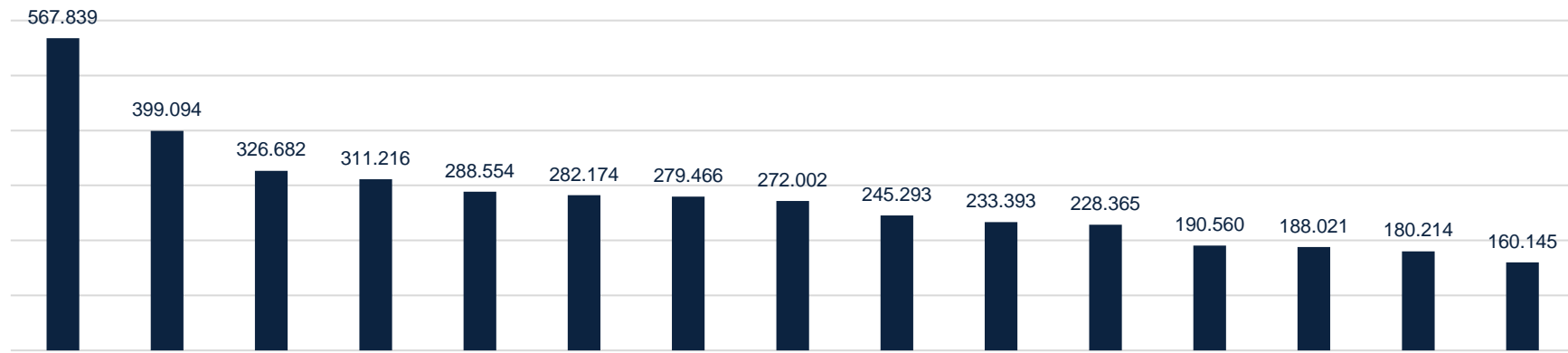
## ! Highlights

- **22 countries out of 31 increased in May 2024 YTD** compared to the same period in 2023, with most significant results for **Bulgaria (+37,0%), Croatia (+15,1%), Poland (+15,0%), Cyprus (+12,9%)**. **8 countries out of 31 decreased**, the highest drop for **Iceland (-38,2%)**
- In the **top 10** for new registrations, **relevant YTD growth for Germany**, followed by **United Kingdom, France, Italy**

# Europe | New car registrations by brand



Top 15 – May 2024 YTD



Δ Vol. 24/23	+0,9%	+15,1%	+13,6%	+11,4%	-1,3%	+2,9%	-8,1%	-0,5%	+2,5%	-6,7%	+4,4%	-2,0%	-16,4%	+11,9%	+35,5%
MS '24	10,2%	7,2%	5,9%	5,6%	5,2%	5,1%	5,0%	4,9%	4,4%	4,2%	4,1%	3,4%	3,4%	3,2%	2,9%
Δ MS 24/23	-3,8%	+10,8%	+9,3%	+7,7%	-5,5%	-1,9%	-12,3%	-3,9%	-2,2%	-10,6%	+0,0%	-8,1%	-19,0%	+6,7%	+31,8%



Source: ACEA

(\*) Opel includes Vauxhall New Car Registrations



## 01. Europe

### **02. Italy**

- | Market overview
- | Market highlights
- | New car registrations by brand
- | New car registrations by group
- | New car registrations by fuel type
- | New car registrations by segment

## 03. New car models launches in Italy

## 04. Commercial & Industrial Vehicles

## 05. News on key industry trends



## Italian Market – Variation of new car registrations 2024 vs 2023

### May 2024 Highlights

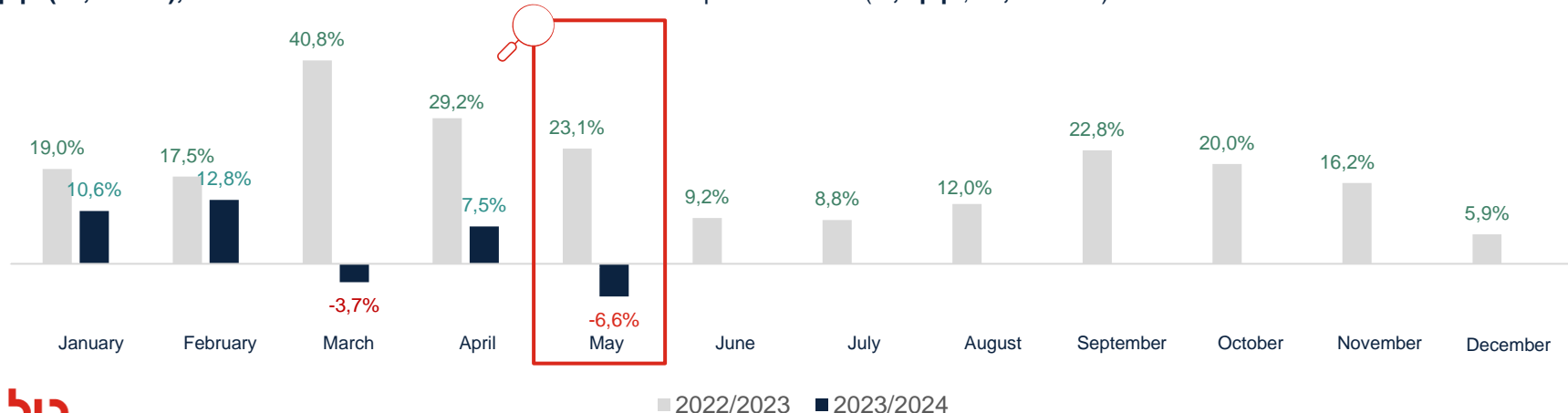
In **May** the Italian car market showed a slowdown: **-6,6%** with **139.581** new cars registered compared to **149.482** in May 2023. The first five months of the year experienced a **+3,4%**, with **726.311** registrations vs **702.423** recorded in the last year same period.

**EVs** continued to experience a negative result (**-26,9%** May 2024 vs May 2023), losing **1,8 p.p.** in terms of Market Share, surely led by the continuous postponement of new government incentives. We shall see whether the release of these incentives in June will lead to a recovery in market data.

Among the other fuel types, **HEVs** registered the highest increase (**+8,0%**), followed by **Petrol (+7,0%)**.

On a YTD perspective, **Retail** and **Business** registered an increase, **+4,4%** and **+15,8%** respectively. **Fleet** segment, instead, recorded a **-3,4%**, mainly driven by **LTR (-15,7%)**.

Focusing on Market Share, the **Retail** segment gained **+0,5 p.p.**, still having the highest share (**54,0% MS**); also the **Business** segment gained **+1,6 p.p. (15,5% MS)**, while **Fleet** recorded a decrease over the same period in 2023 (**-2,2 p.p., 30,5% M.S.**)





# Italy | Market Overview

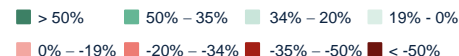
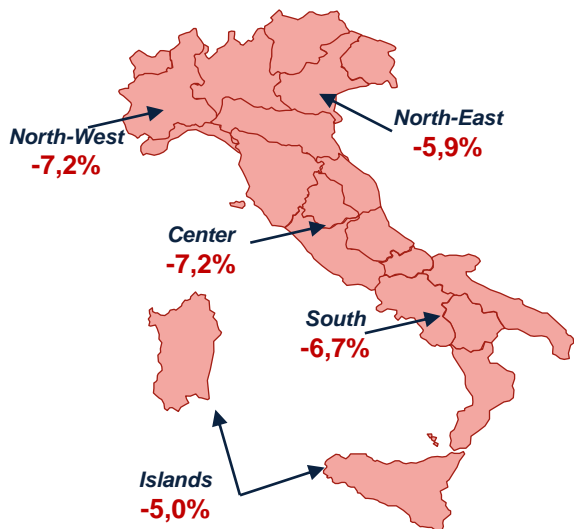
Italian Market – May 2024 vs May 2023

Italy New Car Registrations

2024	139.581	-6,6%	
2023	149.482		

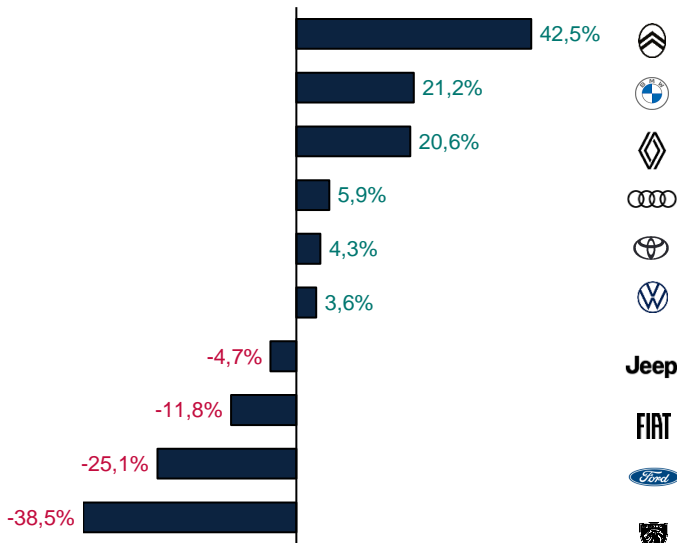
## Δ% Volume 24/23 of new car registrations

Δ% May 2024/May 2023



## Growth of Top 10 Brands by Volumes

Δ% May 2024/May 2023



Jeep

FIAT



## ! Highlights

- In **May 2024** the Italian Market recorded a **negative result of -6,6%** compared to **May 2023**, for the second time in 2024 after **March (-3,7%)**
- Citroen** confirmed the first position achieved in April 2024, with a growth of **+42,5%**. **Fiat** and **Ford** confirmed a drop in the top 10 by volume for the third consecutive month, amounting **-11,8%** and **-25,1%** respectively
- This month all regions registered a decline: the highest one for **North-West** and **Center (-7,2%** for both), followed by **South (-6,7%)**, **North-East (-5,9%)** and **Islands (-5,0%)**

# Italy | Market Overview

Italian Market – May 2024 YTD vs May 2023 YTD

Italy New Car Registrations (YTD)

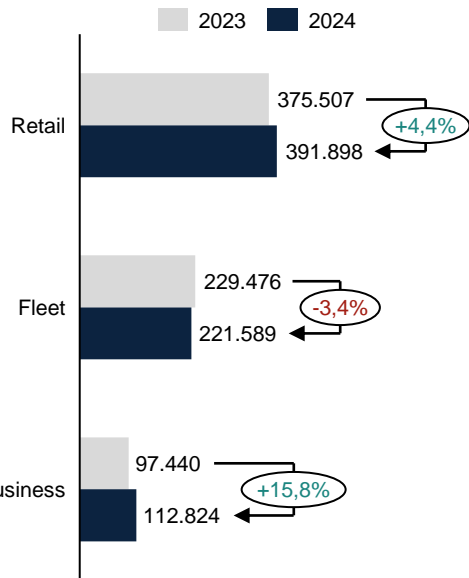
2024	726.311
2023	702.423

3,4%



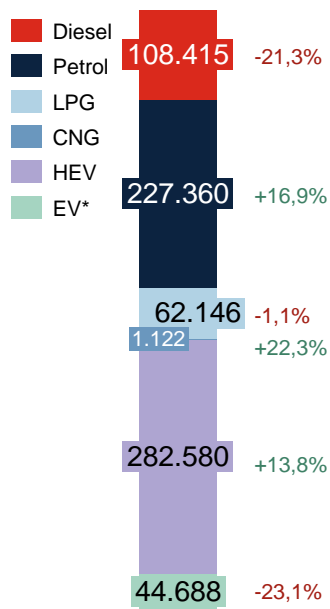
## Analysis by “Customer Segment”

Registration YTD ‘24/’23



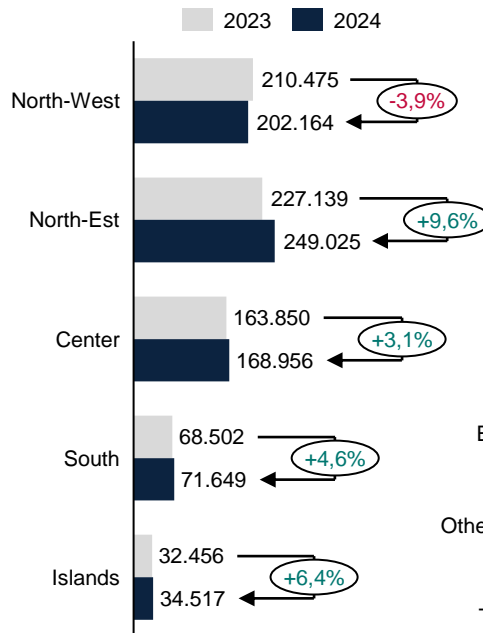
## Analysis by “Fuel Type”

Registration YTD ‘24



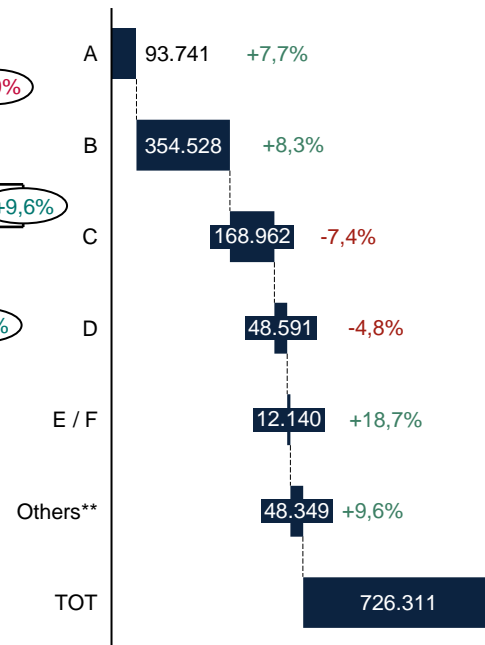
## Analysis by “Geographical Area”

Registration YTD ‘24/’23



## Analysis by “Car Segment”

Registration YTD ‘24/’23



Source: UNRAE

(\*) EV: Electric Vehicle (Hybrid and Electric); CNG: Compressed Natural Gas (Methane and Ethanol) (\*\*) Others: Station wagon, MPV, Sportive

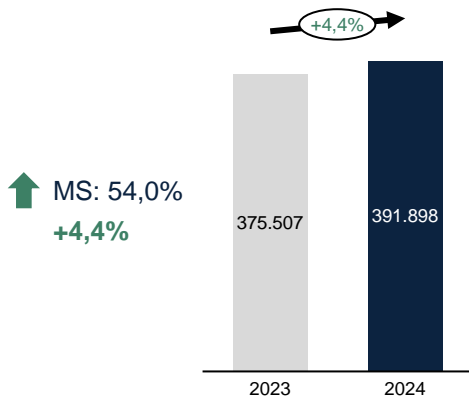
# Italy | Market Highlights

## Italian Market – Distribution channels – May 2024 YTD vs May 2023 YTD

### Italy New Car Registrations (YTD)

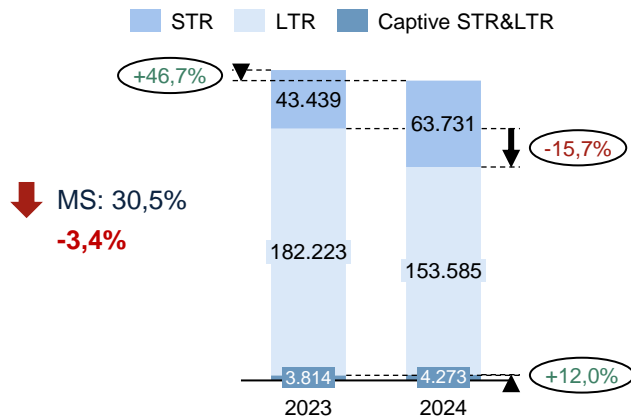
2024	726.311	+3,4%	
2023	702.423		

### Retail (Private Customers)



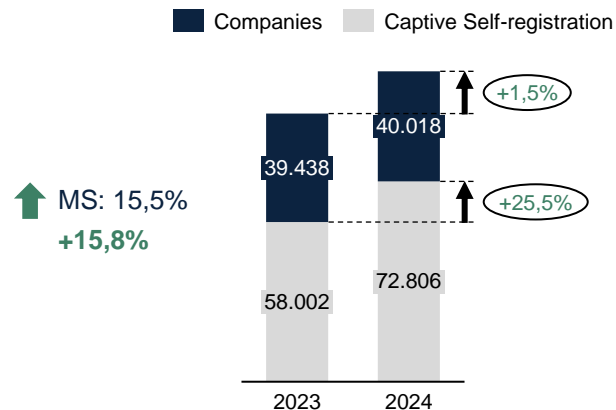
- Compared to **May 2023 YTD**, in **May 2024** the **Retail** segment increased by **+4,4%** (or 16.391 additional units sold) and **gained Market Share, +0,5 p.p.** (54,0% in May 2024 vs. 53,5% in May 2023 YTD)

### Fleet (LTR, STR and Captive LTR&STR\*)



- The **fleet segment** registered a **negative result** in May 2024 YTD (**-3,4%** compared to May 2023 YTD). In terms of Market Share, the fleet segment confirmed the decrease experienced in April 2024 (**-2,2 p.p.**), registering a **-2,2 p.p.** over the same period in 2023, mainly driven by **LTR (-4,8 p.p., 21,1% in May 2024 YTD vs 25,9% in May 2023 YTD)**

### Business (Company registrations\*\*)



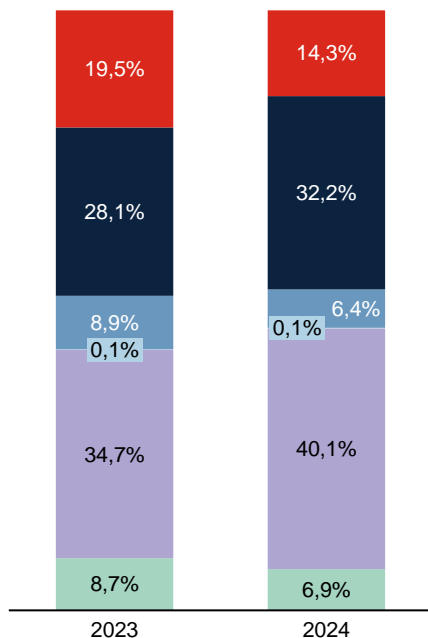
- The **Business segment** in May 2024 YTD increased in new registrations (**+15,8% vs May 2023 YTD**), as well as in terms of MS (**+1,6 p.p.**), driven by Captive Self-registrations (**+1,7 p.p.**), while Companies registered a decrease (**-0,1 p.p.**)



Market Share YTD increase / decrease May 2024 / May 2023 (YTD)  
 Δ% Volume May 2024 / May 2023 (YTD)



### “Fuel Type” mix evolution (Market Share)

■ Diesel 
 ■ Petrol 
 ■ LPG 
 ■ CNG 
 ■ HEV 
 ■ EV



	 <b>PHEV</b>	 <b>BEV</b>
<b>MS</b> May '23	4,6%	4,1%
<b>MS</b> May '24	3,3%	3,6%
<b>MS Delta</b> May '24 vs. '23	<b>-1,3 p.p.</b>	<b>-0,5 p.p.</b>

- In May 2024, **HEVs** registered the **highest increase** in terms of Market Share vs May 2023 (+5,4 p.p.), followed by **Petrol** (+4,1 p.p.). **CNG** remained stable (+0,0 p.p.), while the other fuel types recorded a decline (**Diesel** -5,2 p.p., **LPG** -2,5 p.p. and **EVs** -1,8 p.p.)
- The **EVs cluster** showed a decrease in terms of Market Share in May 2024 compared to May 2023 (-1,8 p.p.), affected by the decline in **PHEVs** (-1,3 p.p.) and **BEVs** (-0,5 p.p.) segments

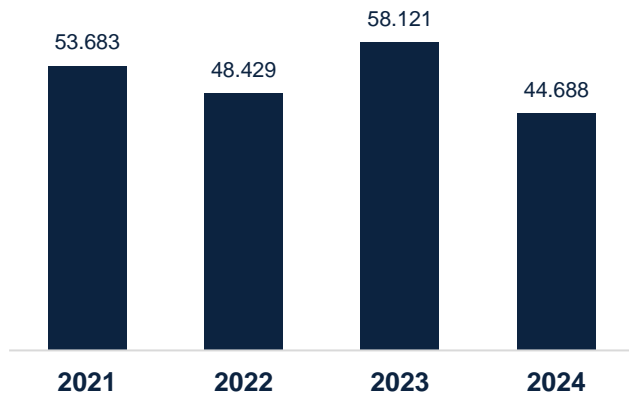
# Italy | New car registrations by fuel type



## New car registrations of Hybrid vs Pure Electric vehicles

### PHEV and BEV Registrations Trend May '24 YTD

<b>Delta YoY</b>	356%	-10%	20%	-23%
<b>M.S.</b>	7,3%	8,7%	8,3%	6,2%

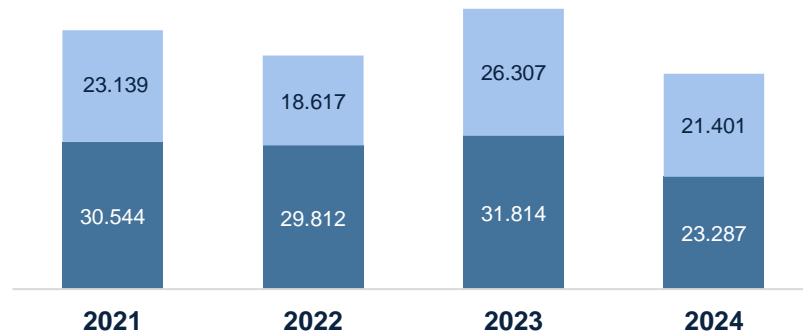


### PHEV\* and BEV\*\* Vehicles Trend May '24 YTD

■ PHEV ■ BEV



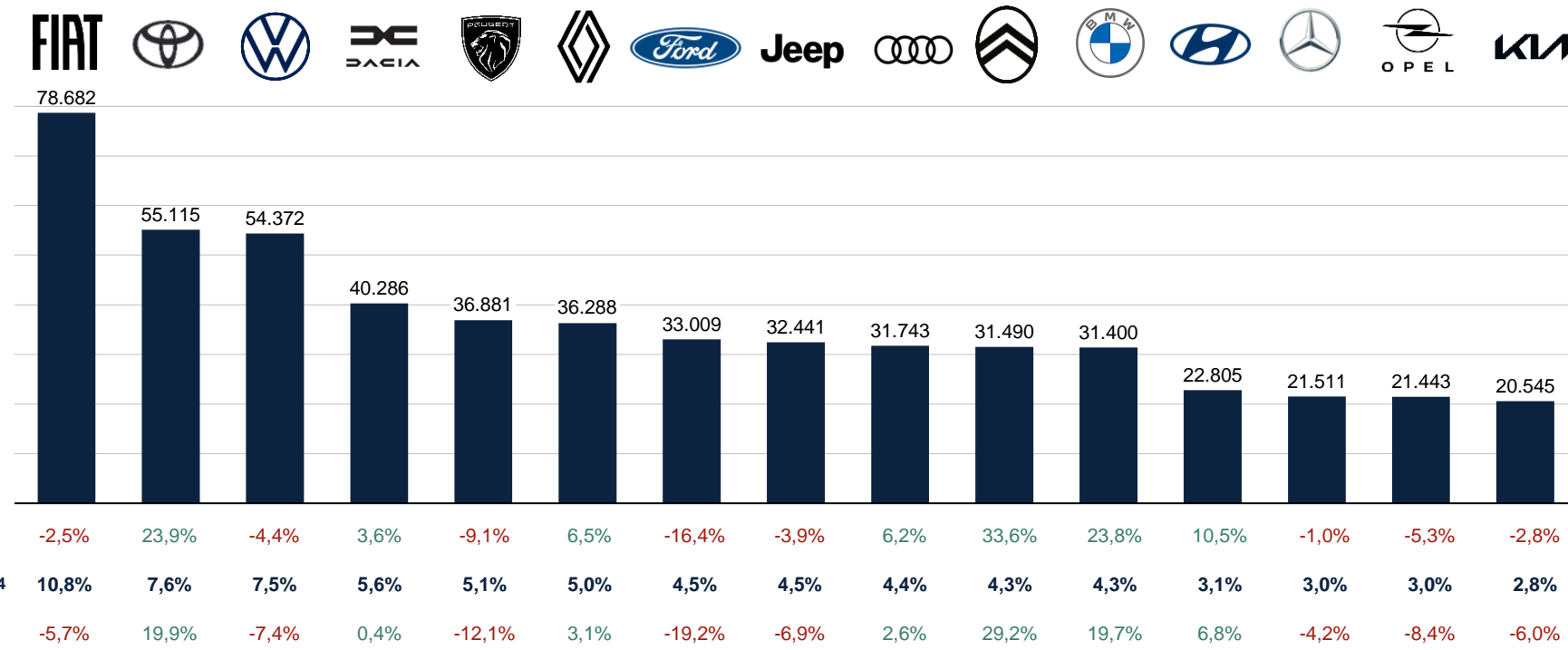
PHEV and BEV showed a -23% compared to 2023; also, their MS decreased by 2,1 p.p. The current level of PHEV and BEV in Italy is far below expectations and behind the shares recorded in the main European countries (on average for the top 10 European Countries by volume, 25,5% MS, +0,8% growth 2024 vs 2023)



# Italy | New car registrations by brand



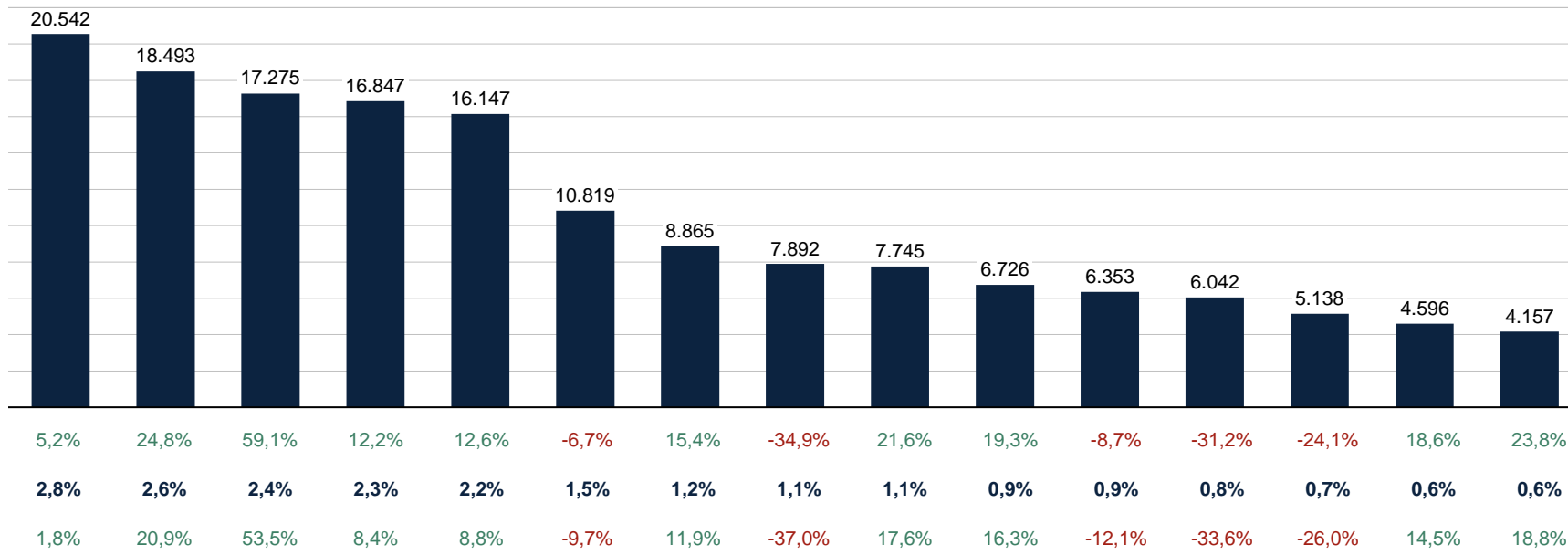
New car registrations by brand – May 2024 YTD (1/3)



# Italy | New car registrations by brand



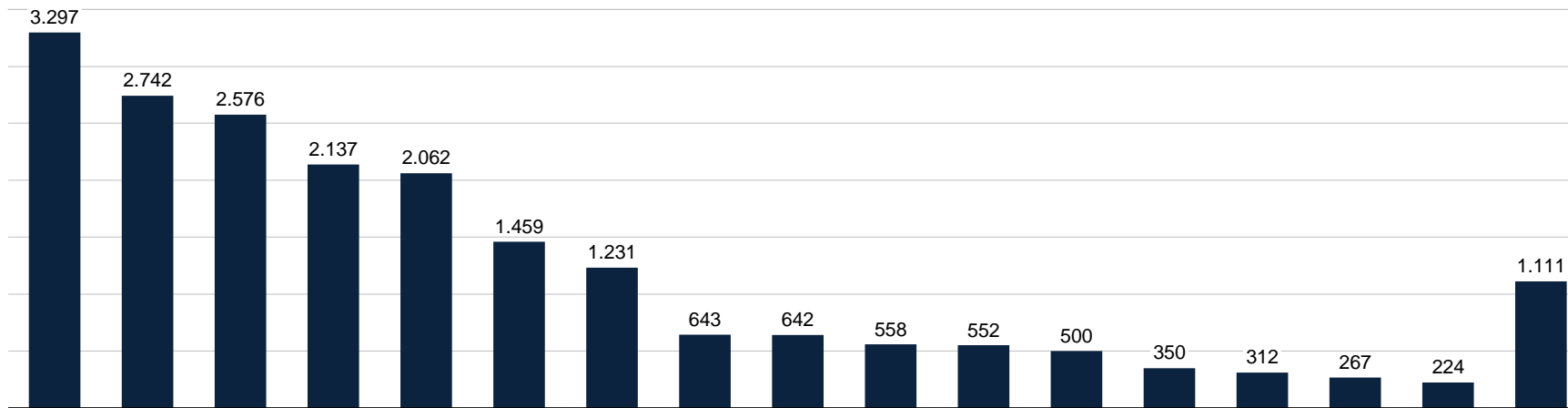
New car registrations by brand – May 2024 YTD (2/3)



# Italy | New car registrations by brand



New car registrations by brand – May 2024 YTD (3/3)



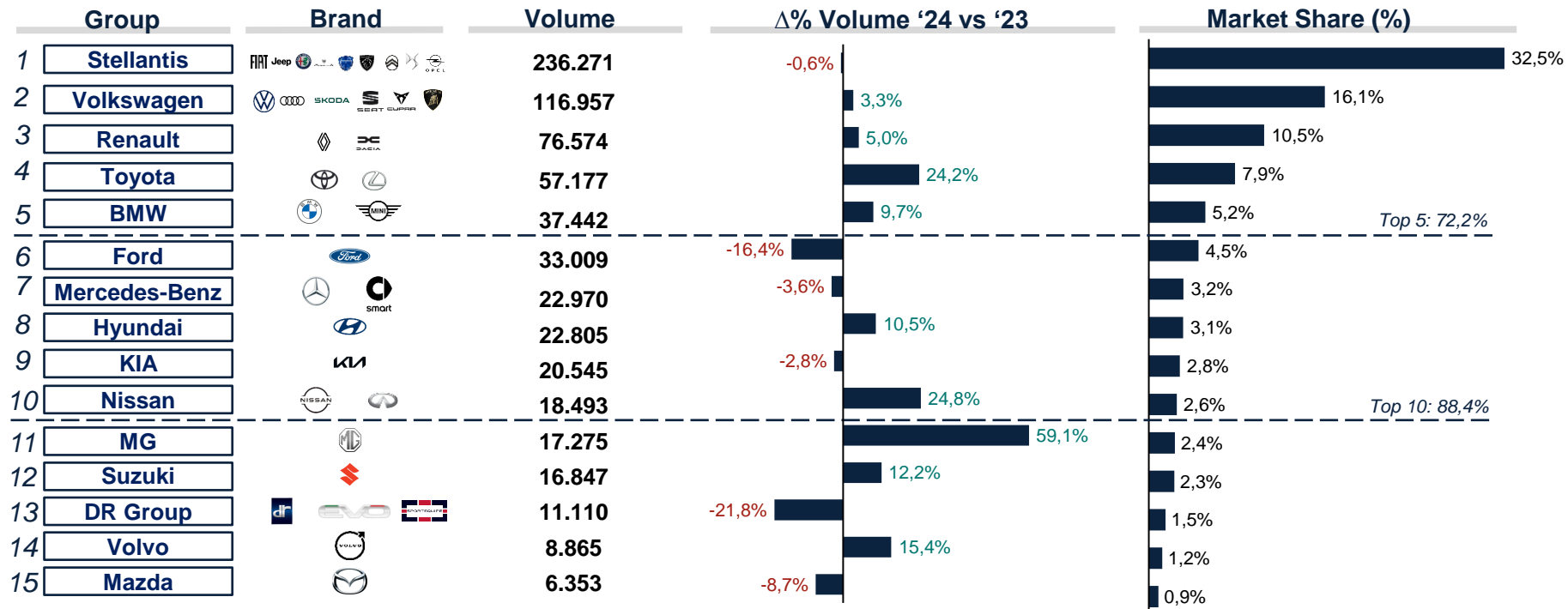
Δ Vol. 24/23	38,7%	-26,1%	26,5%	225,8%	32,0%	-30,6%	-29,6%	-45,3%	-	80,6%	-21,1%	-81,2%	4,2%	126,1%	-	16,1%	-6,2%
M.S. '24	0,5%	0,4%	0,4%	0,3%	0,3%	0,2%	0,2%	0,1%	0,1%	0,1%	0,1%	0,1%	0,1%	0,04%	0,04%	0,03%	0,2%
Δ M.S. 24/23	32,4%	-28,3%	20,7%	222,2%	27,3%	-33,3%	-32,0%	-47,1%	800,0%	100,0%	-20,0%	-81,6%	0,0%	100,0%	n.a.	0,0%	-5,9%



# Italy | New car registrations by group



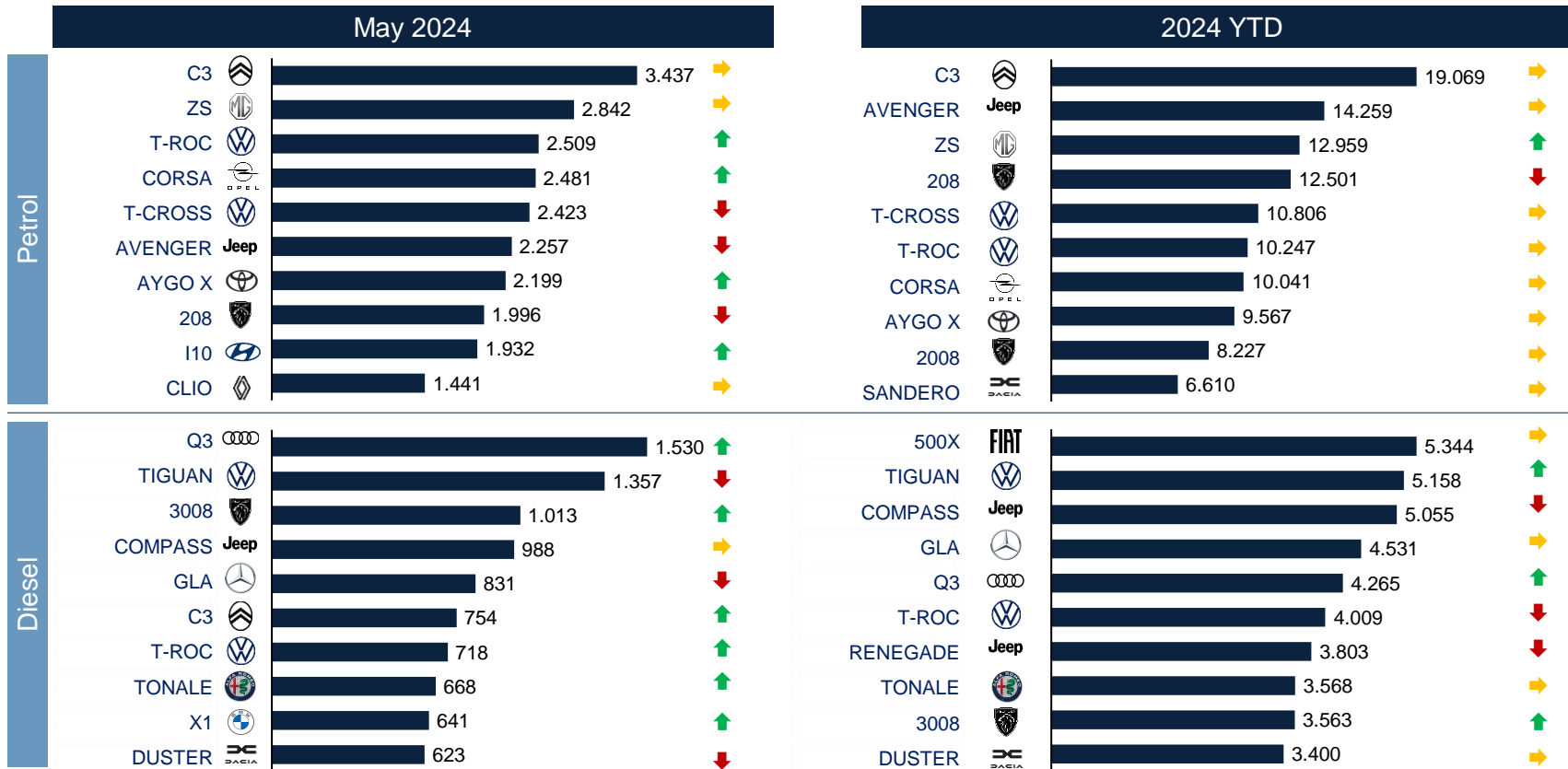
New car registrations by group – Top 15 – May 2024 YTD



# Italy | New car registrations by fuel type



## New car registrations by fuel type – Top 10 – Petrol and Diesel



Source: UNRAE

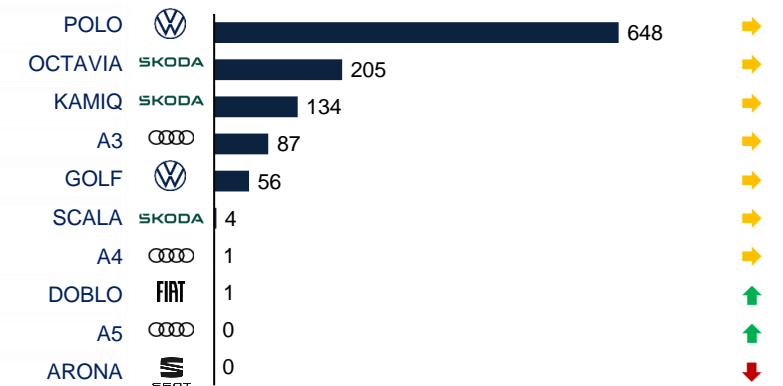
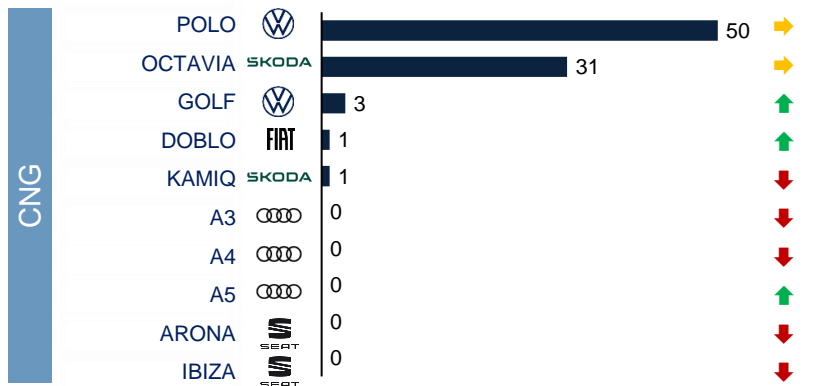
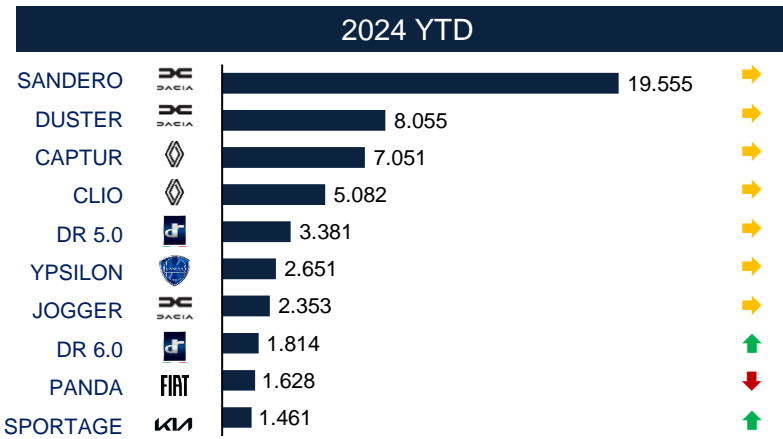
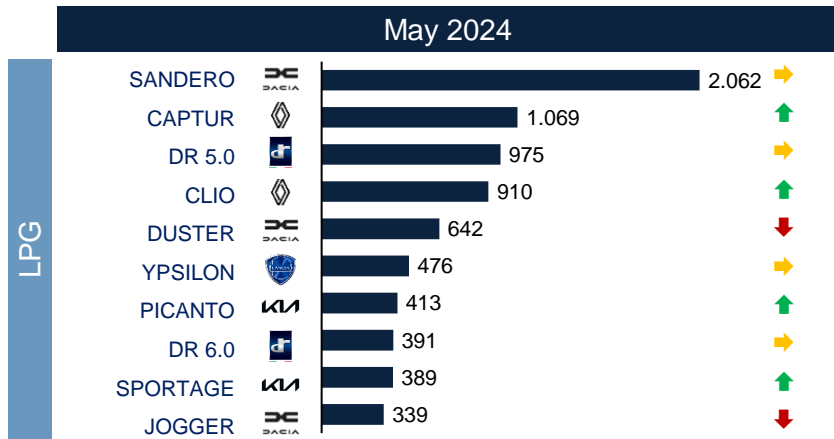


Ranking variation compared to previous period

# Italy | New car registrations by fuel type



## New car registrations by fuel type – Top 10 – LPG and CNG



Source: UNRAE

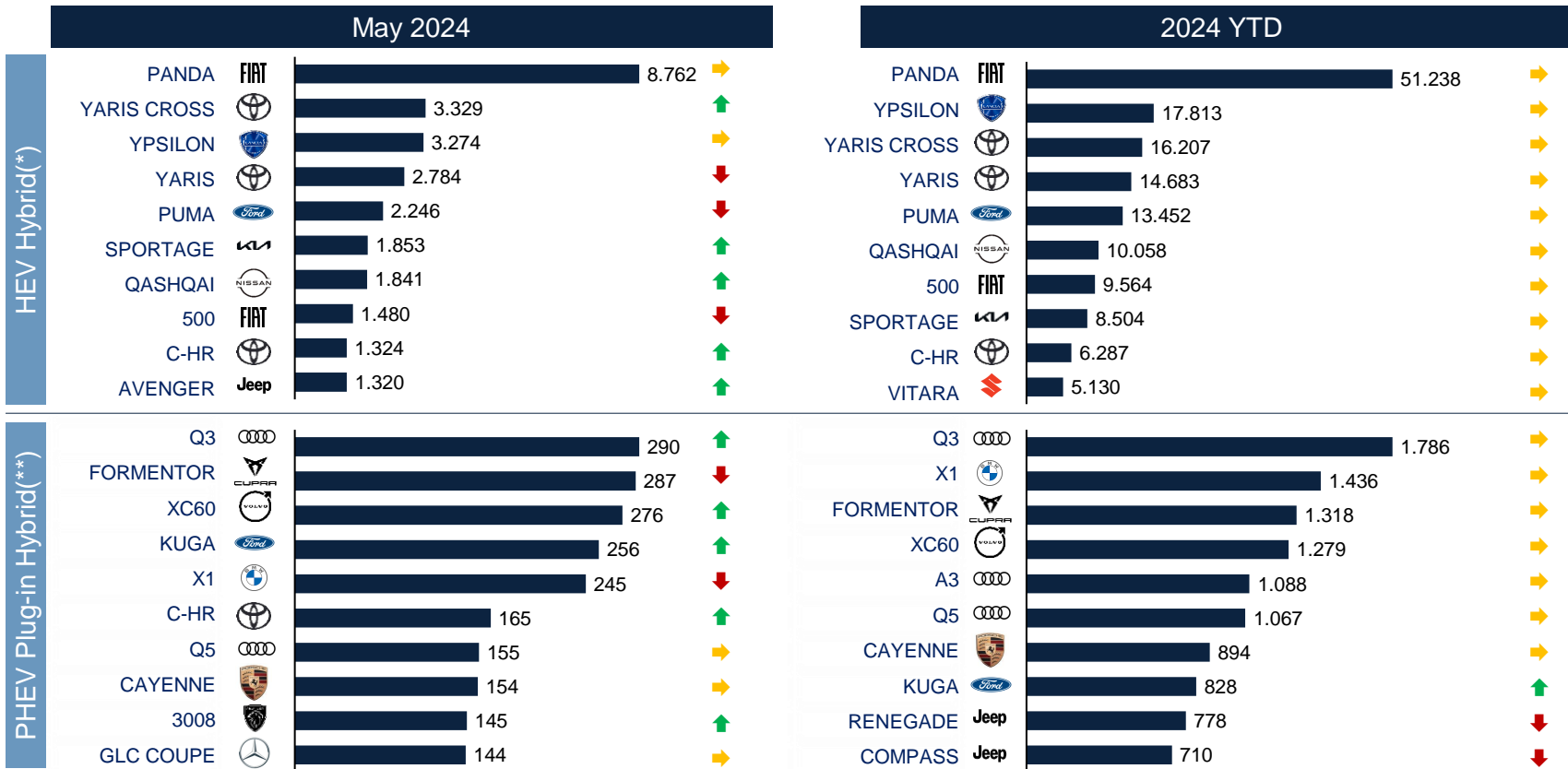


Ranking variation compared to previous period

# Italy | New car registrations by fuel type



## New car registrations by fuel type – Top 10 – Hybrid (HEV and PHEV)



Source: UNRAE

(\*) Hybrid Electric Vehicle (HEV), (\*\*) Plug-in Hybrid Electric Vehicle (PHEV)

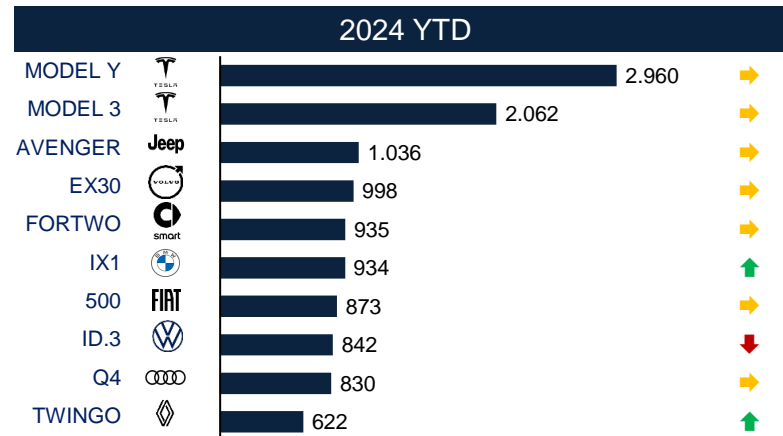
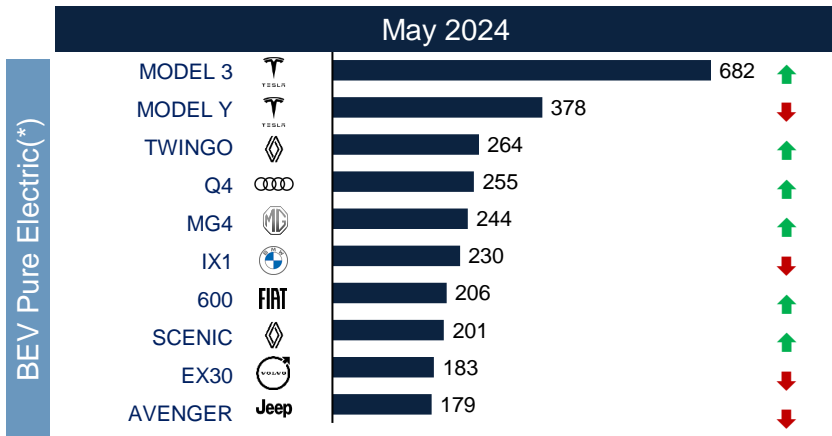


Ranking variation compared to previous period

# Italy | New car registrations by fuel type



## New car registrations by fuel type – Top 10 – Pure Electric (BEV)



# Italy | New car registrations by segment



## Overview of new car registrations by segment

### Segments Growth in Market Share\*

**A**  
«Utility/City»



0,5 p.p.

**B**  
«Supermini»



2,1 p.p.

**C**  
«Medium»



-2,7 p.p.

**D**  
«Executive»



-0,6 p.p.

**E/F**  
«Luxury &  
Ultra Luxury»



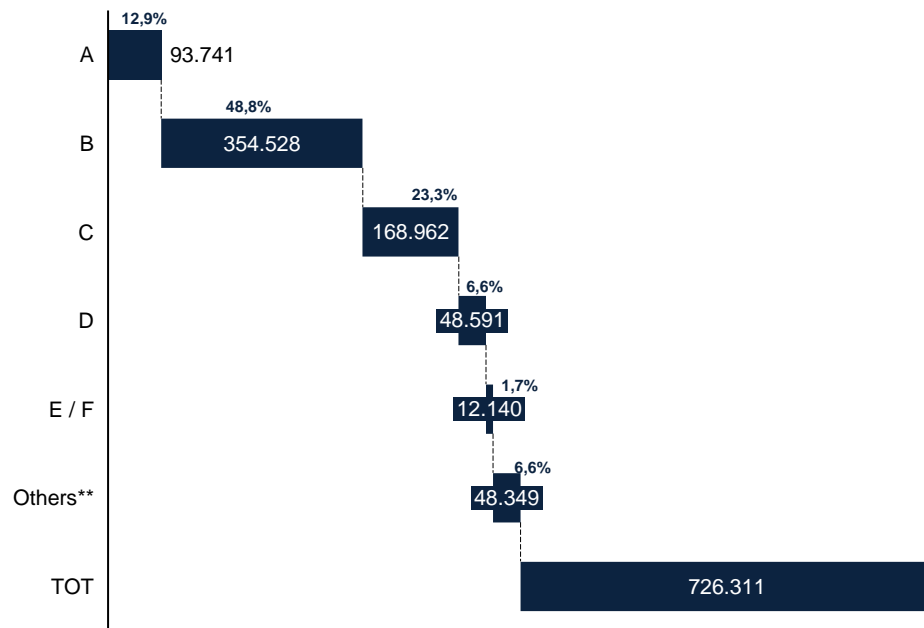
0,2 p.p.

**Others**  
«Station wagon,  
MPV, Sportive»



0,3 p.p.

### Market Share and Volume\*\*

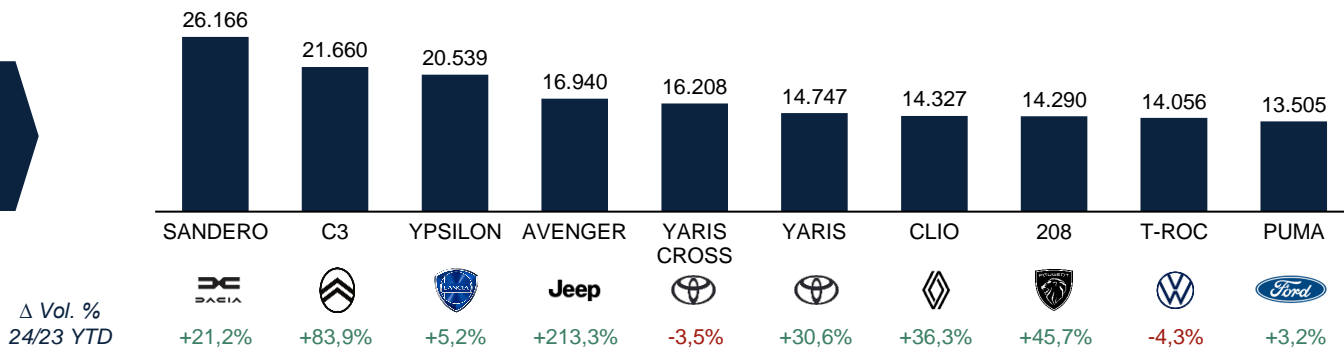
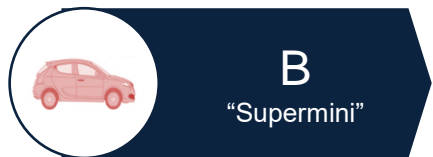
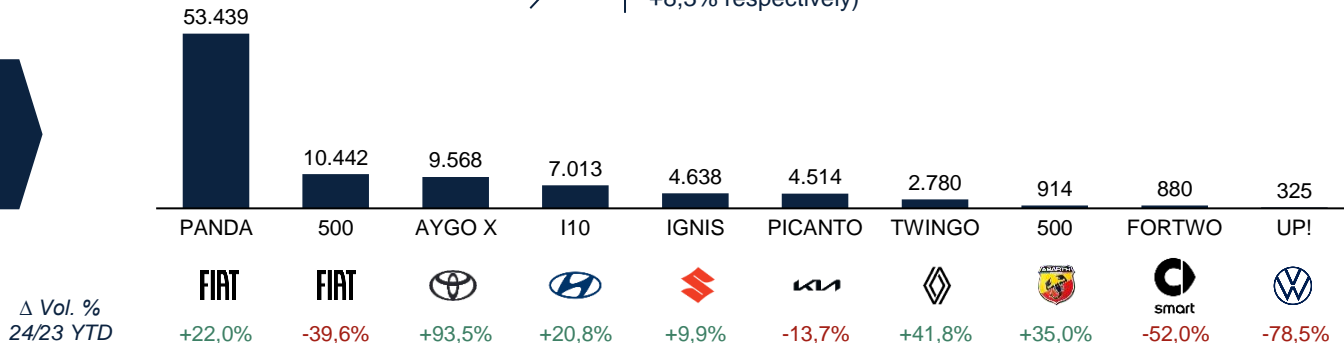


# Italy | New car registrations by segment



## Segment A and Segment B – Top 10 – May 2024 YTD

On a YTD perspective, in terms of **MS**, in May 2024 both **Segment A** and **Segment B** registered an increase (+0,5 p.p. and +2,1 p.p.) vs May 2023. In terms of new registrations, in May 2024 both **Segment A** and **Segment B** increased vs May 2023 (+7,7% and +8,3% respectively)



# Italy | New car registrations by segment

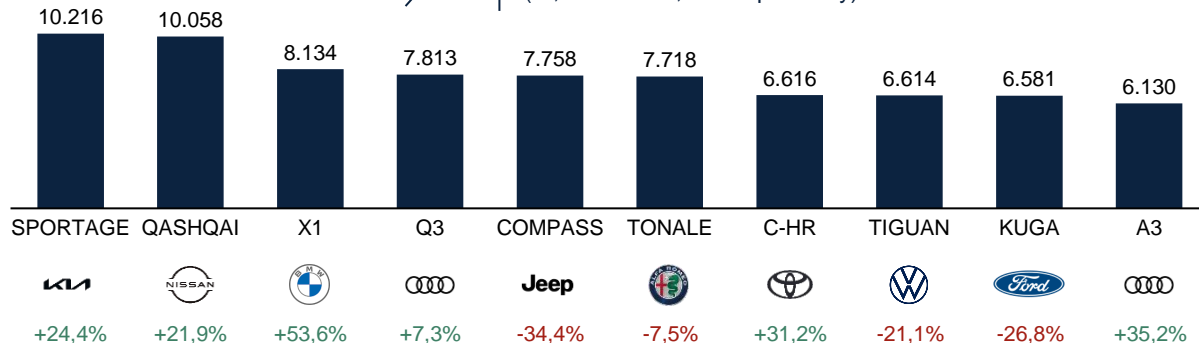


## Segment C and Segment D – Top 10 – May 2024 YTD

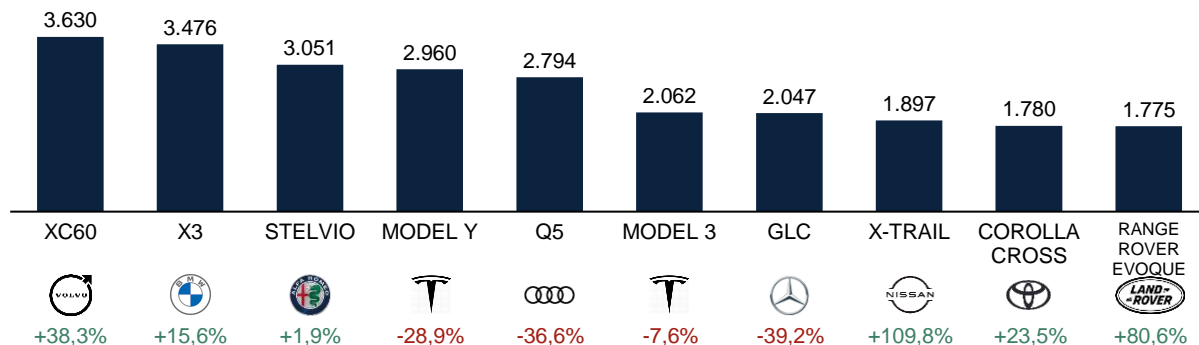
On a YTD perspective, in terms of **MS**, in May 2024 both **Segment C** and **Segment D** registered a decrease (-2,7 p.p. and -0,6 p.p.) vs May 2023. Also in terms of new registrations, in May 2024 both **Segment C** and **Segment D** decreased vs May 2023 (-7,4% and -4,8% respectively)



Δ Vol. %  
24/23 YTD



Δ Vol. %  
24/23 YTD





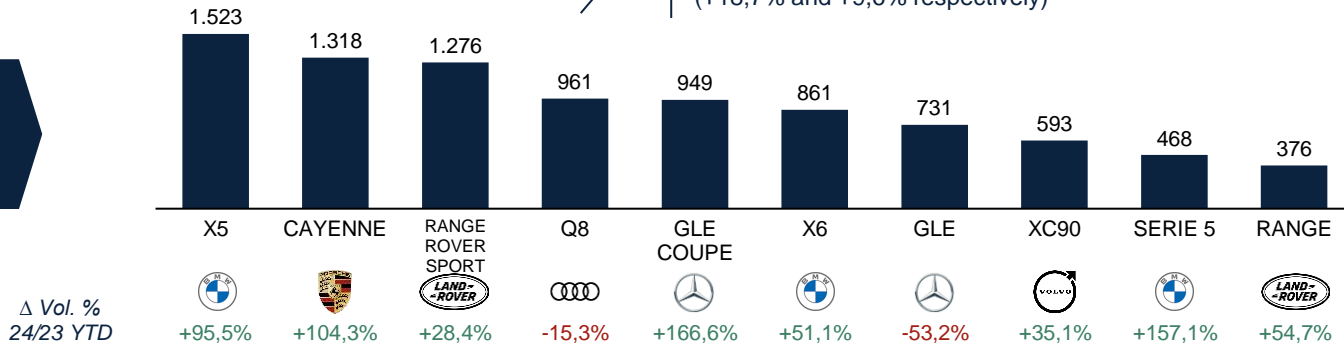
# Italy | New car registrations by segment



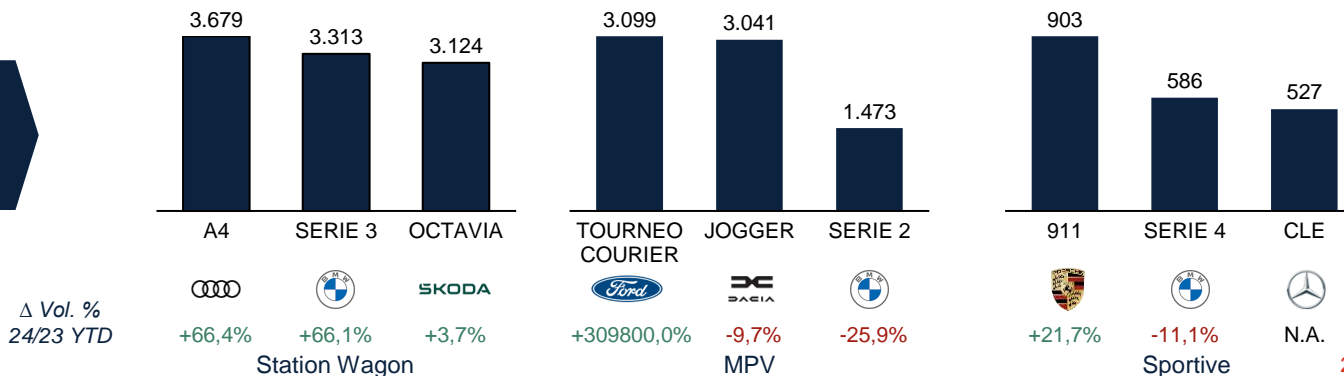
## Segment E/F and Others – Top 10\* – May 2024 YTD

On a YTD perspective, in terms of **MS**, in May 2024, both **Segment E/F** and **Others** registered an increase (+0,2 p.p. and +0,3 p.p.) vs May 2023. In terms of new registrations, in May 2024 both **Segment E/F** and **Others** increased vs. May 2023 (+18,7% and +9,6% respectively)

**E/F**  
"Luxury & Extra Luxury"



**Others**  
"Station Wagon, MPV, Sportive"



Source: UNRAE

(\*) For the "Others" Segment, that includes Station Wagon, MPV, Sportive, the top three by type are shown



01. Europe

02. Italy

**03. New car models launches in Italy**

04. Commercial & Industrial Vehicles

05. News on key industry trends

# New Car Models Launches in Italy

New models launch per brand – Roadmap 2024 (1/3)

	A			B		C		D			F		H	
												<b>FIAT</b>		
Jan													Mustang  ✓	CR V  ✓
Feb														
Mar				X2, iX2  ✓		e-C3  ✓						600 e  ✓		
Apr													Kuga  ✓	
May			Q8, Q4 e-tron  ✓					Duster  ✓					Puma  ✓	
Jun			Q7  →		Seal U  →				DS 9		Ferrari F250, Ferrari GT V12  →			Civic Type R  →
Jul				Serie 4/i4  →			Leon  →					Panda		
Aug	Junior  →			X3			Tavascan							
Sep			Q6 e-tron  →	M3 e M3 Touring			Terramar							
Oct														
Nov			A6 e-tron A6 Avant e-tron	M5 e M5 Touring										
Dec	33 Concept  →					C3 Aircross								

# New Car Models Launches in Italy

## New models launch per brand – Roadmap 2024 (2/3)

	H	I	J	K	L	M					
Jan	Ioniq 7 			Wrangler 	Korando E Motion 						
Feb	i20 			Torres 			Gran Turismo Folgore 	AMG GT, AMG C 63, AMG GLC 			
Mar					Sorento 						
Apr					Picanto 						
May	Santa Fe 					Ypsilon 		CX-80 	Cooper 3&5 porte 		
Jun	Ioniq 5 					Urus Evo 	LBX 	Gran Cabrio Folgore 	MX-30 R-EV 	Aceman 	ASX 
Jul										Countryman 	
Aug								MX-5 	AMG CLE 63 		
Sep	Casper EV 										
Oct								AMG Classe E 			
Nov											
Dec				Recon 							

# New Car Models Launches in Italy

New models launch per brand – Roadmap 2024 (3/3)

	N	O	P	R	SEAT	SKODA	S		SUZUKI	T	V		
	NISSAN	OPEL	LANCIA	FIAT	ALFA ROMEO	SKODA	smart	ALFA ROMEO	SUZUKI	TESLA	TOYOTA	VW	VOLVO
Jan				Macan EV ✓	Arkana ✓						Yaris ✓		EX90 ✓
Feb					Rafale ✓				Swift ✓			Golf; T-Cross; Tiguan; ID.7 ✓	
Mar				Panamera ✓		Kodiatq ✓						Passat ✓	
Apr													
May													EX30 ✓
Jun						Elroq →					Land Cruiser →	ID 3 GTX →	
Jul		Grandland											
Aug			5008 Mild Hybrid →										
Sep		Crossland										ID.7 Variant	
Oct													
Nov	Micra				5 E-tech Electric								
Dec				Boxster									



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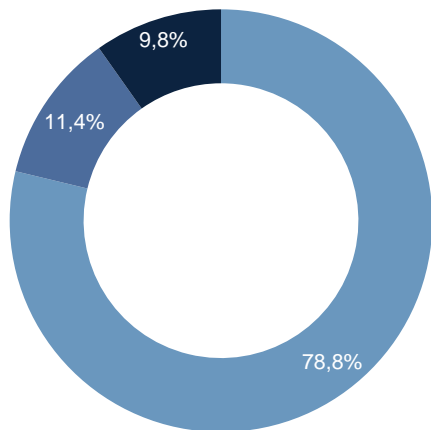
05. News on key industry trends



### Commercial and Industrial Vehicles Highlights 2024

In **May 2024**, the **commercial and industrial vehicles Market** showed a **general growth (+6,0%** compared to May 2023) with a total of **24.284** new vehicles. Both commercial and industrial vehicles segments registered a **growth**, reporting **+6,3%** for commercial vehicles and **+4,5%** and **+5,5%** for light and heavy mass vehicles segments, respectively. On an annual basis, all segments registered increases compared to 2023: **commercial vehicles segment ( $\leq 3,5t$ ) +16,8%**, **light mass segment ( $<16t$ )** and **heavy mass segment ( $\geq 16t$ ) +7,8%** and **+7,4%** respectively.

#### Vehicles YTD distribution by category



■ ≤ 3,5t ■ 3,5 t - 16t ■ ≥ 16t

# 115.965

Total registered vehicles

**+14,8%**

compared to 2023 registrations

(101.051)

Commercial vehicles YTD

**91.332** +16,8% \*

Light mass vehicles YTD

**13.272** +7,8% \*

Heavy mass vehicles YTD

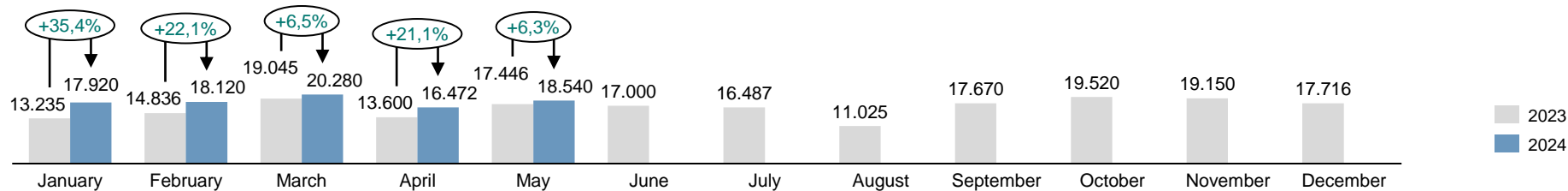
**11.361** +7,4% \*

# Italy | New Vehicles registrations

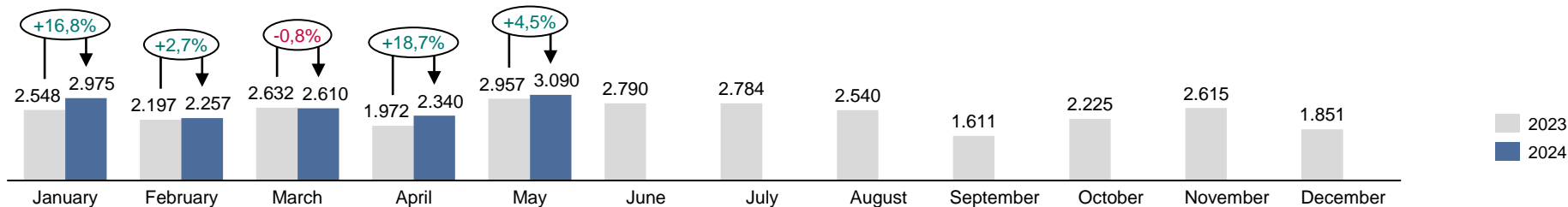


## Italian Market - Commercial and Industrial vehicles Registration 2024 vs 2023 (2/2)

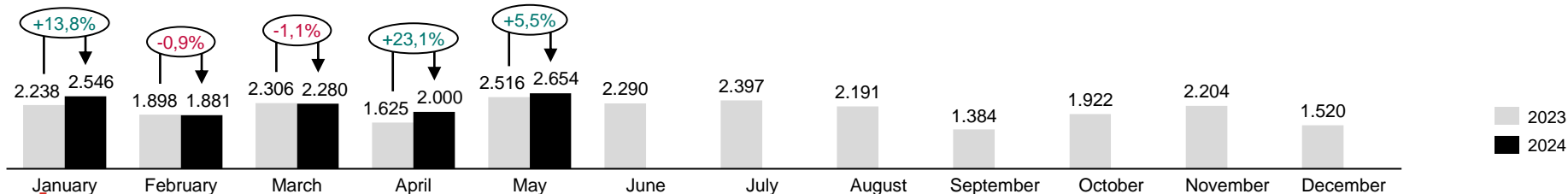
### Commercial Vehicles ≤ 3,5t Monthly Data – 2024 vs 2023



### Industrial Vehicles | Light mass segment 3,5t – 16t Monthly Data – 2024 vs 2023



### Industrial Vehicles | Heavy mass segment ≥ 16t Monthly Data – 2024 vs 2023





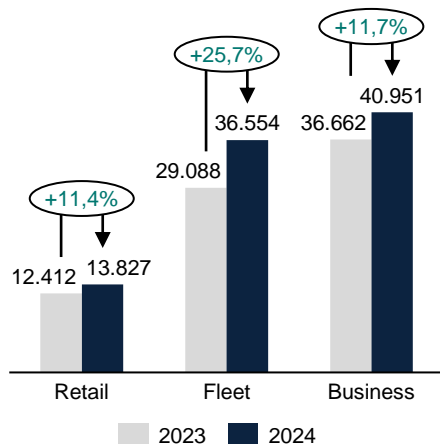


### Commercial Vehicles Analysis

According to a YTD perspective, in May 2024, the **commercial vehicles** increased in new registrations (+16,8%), with a total of **91.332**, mainly driven by **Fleet segment (+25,7%)**. Regarding the fuel type, significant increase for **Diesel (+22,1%)**, followed by **Petrols (+3,5%)** and **LPG (+0,1%)**, while **CNGs** and **EVs** registered a **decrease (-60,5% and -4,9%)**. Focusing on **EVs**, the drop was heavily affected by **PHEVs** and **BEVs** decreases (-84% and -48%, respectively), while **HEVs** experienced a significant increase (+23%).

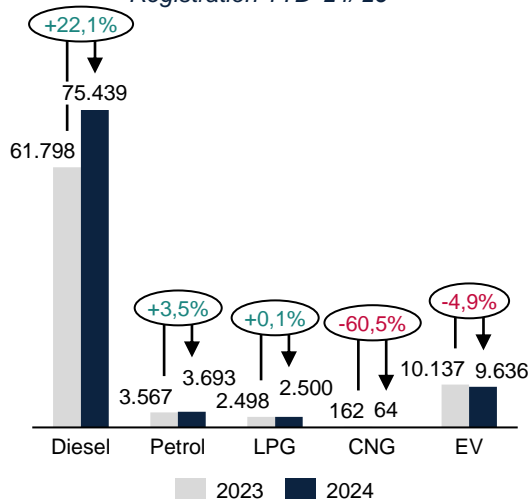
#### Analysis by "Customer Segment"

Registration YTD '24/'23

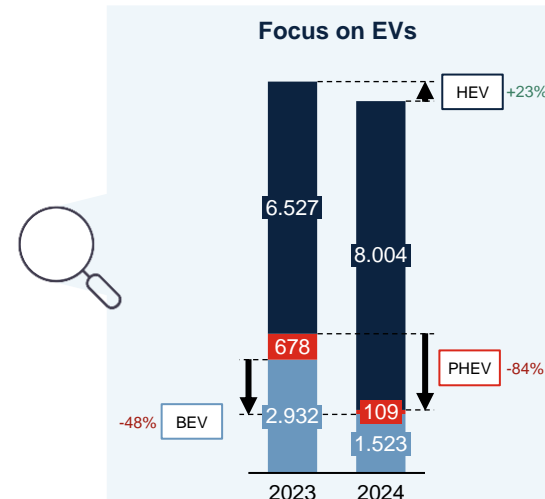


#### Analysis by "Fuel Type"

Registration YTD '24/'23



#### Focus on EVs

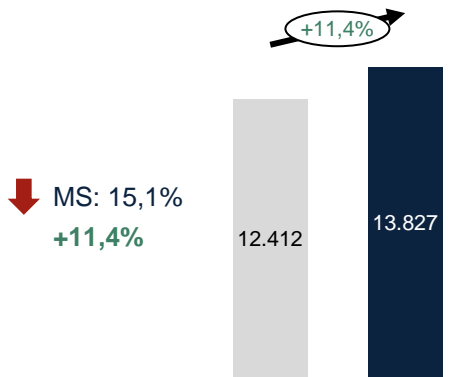


# Italy | New Vehicles registrations



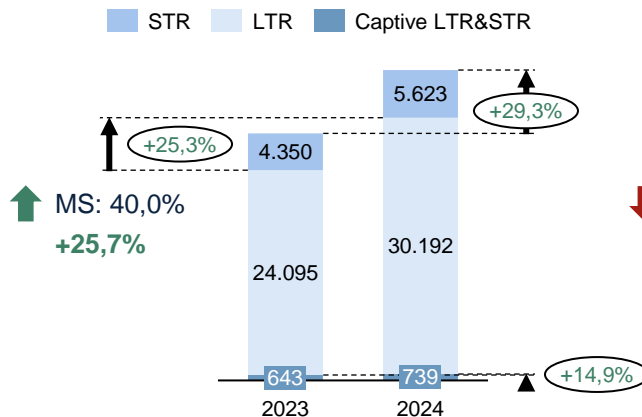
## Italian Market - Commercial vehicles May 2024 YTD vs May 2023 YTD

### Retail (Private Customers)



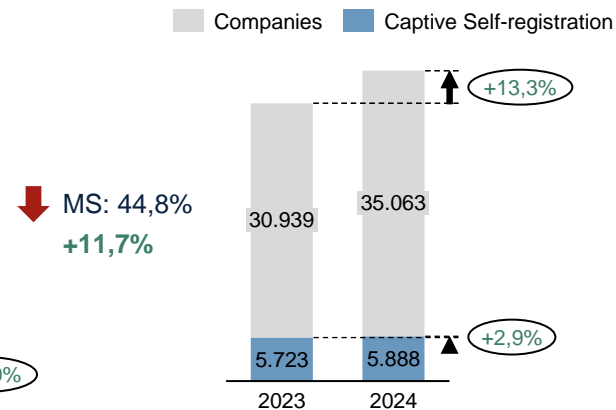
- Compared to May 2023, in **May 2024**, the **Retail** segment registered an **increase** in terms of **new registrations (+11,4%)** but a **decrease** in terms of **Market Share (-0,8 p.p.: 15,1% in 2024 vs. 15,9% in 2023)**

### Fleet (LTR, STR and Captive LTR&STR\*)



- In **May 2024**, compared to the same period in 2023, increases have been registered for **STR (+29,3%)**, **LTR (+25,3%)** and **Captive LTR&STR (+14,9%)**. The **Market Share** increased for **STR (6,2% in May 2024 vs 5,6% in May 2023)** and **LTR (33,1% in May 2024 vs 30,8% in May 2023)** segments, while remained the same for **Captive STR&LTR (0,8% in May 2024 vs 0,8% in May 2023)**

### Business (Company registrations\*\*)



- Both **Companies** and **Captive Self-registrations** contributed to the increase shown by **Business segment in May 2024**, recording **+13,3%** and **+2,9%**, respectively



Source: UNRAE Forecast

(\*) Self-registrations related to LTR&STR use made by Dealers and OEMs; (\*\*) Including Dealers and OEMs self-registrations not related to LTR & STR

Market Share increase / decrease May 2024 YTD / May 2023 YTD  
 Δ% Volume May 2024 YTD / May 2023 YTD



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**05. News on key industry trends**

# News on key industry trends

5 key trends are expected to push the evolution of the automotive industry. For each one in the following slides there is a selection of main news published from 30/05/2024 to 21/06/2024



## Sustainability

Increasing OEMs focus on the reduction or neutralization of environmental externalities along the automotive value chain



## Mobility Services

New emerging models (MaaS) of car usership to meet new customer mobility needs and behaviors are transforming OEMs' strategies



## Digitalization

Towards a seamless online-offline customer journey with an increasing direct role of the OEM



## Electrification

Car parc evolution towards electric (full and hybrid) vehicles and creation of a new ecosystem based on EV needs

## Key industry trends

## Connectivity

Connected cars are changing the way to interact with customers and opening new business streams related to data utilization

# News on key industry trends

## Digitalization



Tata Motors launches Fleet Verse, a digital marketplace for its entire range of commercial vehicles

Tata Motors, India's largest commercial vehicles manufacturer, today announced the launch of Tata Motors Fleet Verse – a comprehensive and innovative digital marketplace for Tata Motors Commercial Vehicles. (...)

<https://www.automotiveworld.com/news-releases/tata-motors-launches-fleet-verse-a-digital-marketplace-for-its-entire-range-of-commercial-vehicles/>



# News on key industry trends

## Electrification (1/2)



Factorial delivers solid-state battery samples to Mercedes-Benz

"Factorial, a developer of solid-state EV batteries has delivered B-samples of its 106+Ah lithium-metal solid-state battery cells to Mercedes-Benz. Representing the latest step in their joint development agreement as both companies work towards product maturity (...)

<https://telematicsnews.info/2024/06/05/factorial-delivers-solid-state-battery-samples-to-mercedes-benz/>

From Europe, for Europe: Volkswagen Group launches project for all-electric entry-level mobility

Volkswagen has been working for some time to offer compact, particularly inexpensive electric vehicles in the price range of around 20,000 euros (...)

<https://www.automotiveworld.com/news-releases/from-europe-for-europe-volkswagen-group-launches-project-for-all-electric-entry-level-mobility/>

Asahi Kasei achieves technological breakthrough with innovative electrolyte

The Japanese technology company Asahi Kasei has successfully achieved proof of concept of lithium-ion batteries using its proprietary high ionic conductive electrolyte<sup>1</sup>. This breakthrough allows for increased power output even at low-temperature (...)

<https://www.automotiveworld.com/news-releases/asahi-kasei-achieves-technological-breakthrough-with-innovative-electrolyte/>



# News on key industry trends

## Electrification (2/2)



Polestar and Zaptec to offer premium home charging solutions in Europe

Polestar has announced a commercial and technical partnership with home charger provider Zaptec, bringing premium home charging solutions to its European customers (...)

<https://www.automotiveworld.com/news-releases/polestar-and-zaptec-to-offer-premium-home-charging-solutions-in-europe/>





# News on key industry trends

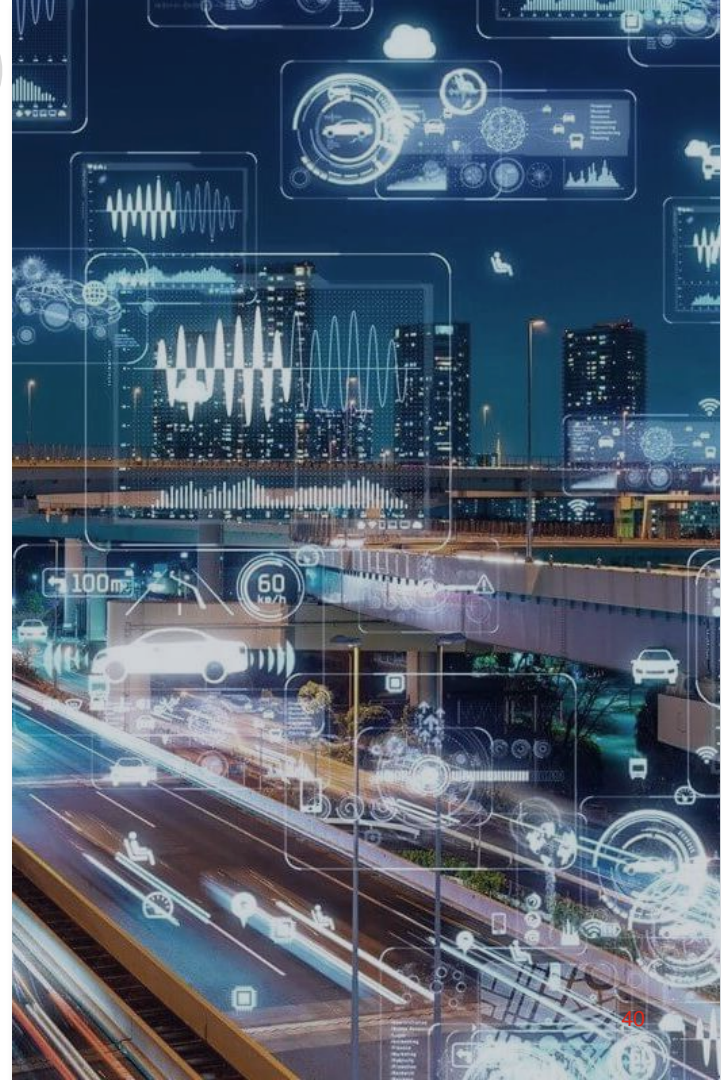
## Connectivity



ChatGPT is now available in many Volkswagen models

Volkswagen models featuring the new-generation infotainment system are now also equipped with artificial intelligence (AI) of ChatGPT. The AI-based research tool is available in all new vehicles in the all-electric ID. (...)

<https://www.automotiveworld.com/news-releases/chatgpt-is-now-available-in-many-volkswagen-models/>





# News on key industry trends

## Mobility Services



Nissan demonstrates autonomous-drive mobility services progress on public roads

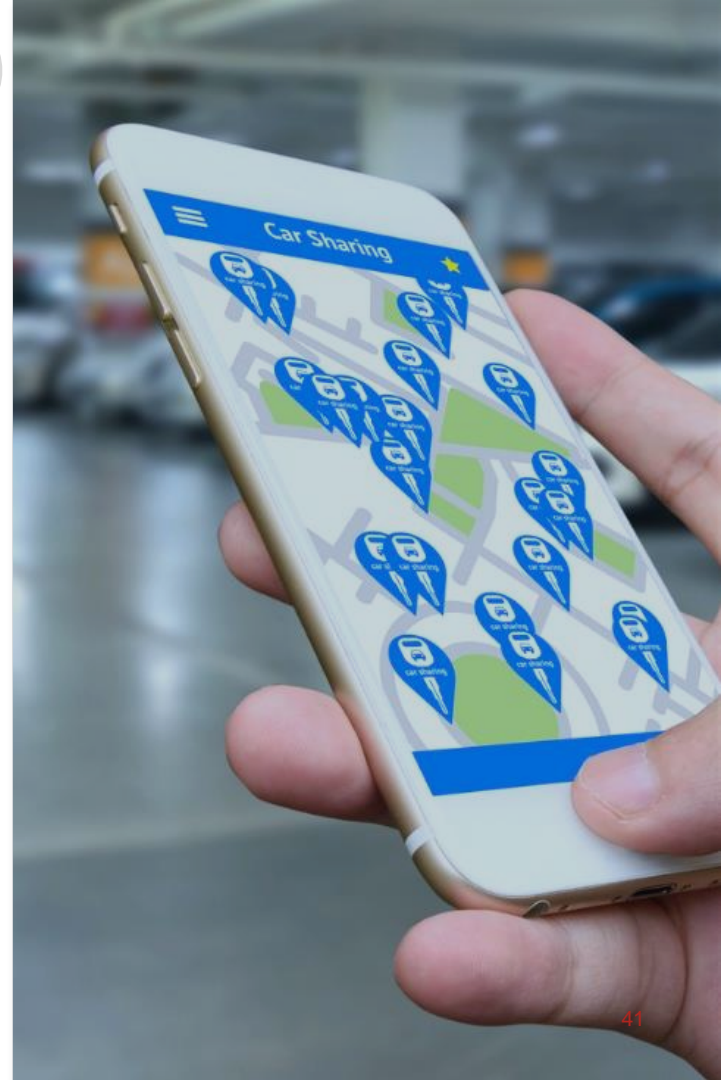
Nissan has commenced demonstrations of a prototype vehicle equipped with its in-house-developed, autonomous drive technologies – showcasing progress in its goal towards rolling out autonomous mobility services within fiscal year 2027 (...)

<https://www.automotiveworld.com/news-releases/nissan-demonstrates-autonomous-drive-mobility-services-progress-on-public-roads/>

Autoliv and Xpeng Aeroht collaborate to pioneer future safety solutions for flying cars

Autoliv China, a division of Autoliv, Inc., the worldwide leader in automotive safety systems, and Xpeng Aeroht, Asia's leading flying car innovator, have signed a strategic cooperation agreement to pioneer safety solutions for future mobility (...)

<https://www.automotiveworld.com/news-releases/autoliv-and-xpeng-aeroht-collaborate-to-pioneer-future-safety-solutions-for-flying-cars/>



# News on key industry trends

## Sustainability (1/2)



Seat S.A. achieves the best sustainability results in its history and reduces the environmental impact of its facilities by 53% since 2010

Seat S.A. achieved the best sustainability results in its history in 2023, thanks to the effectiveness of its strategic projects in the environmental, social and governance (ESG) areas (...)

<https://www.automotiveworld.com/news-releases/seat-s-a-achieves-the-best-sustainability-results-in-its-history-and-reduces-the-environmental-impact-of-its-facilities-by-53-since-2010/>

Hyvia and Hype announce partnership to accelerate decarbonized hydrogen mobility

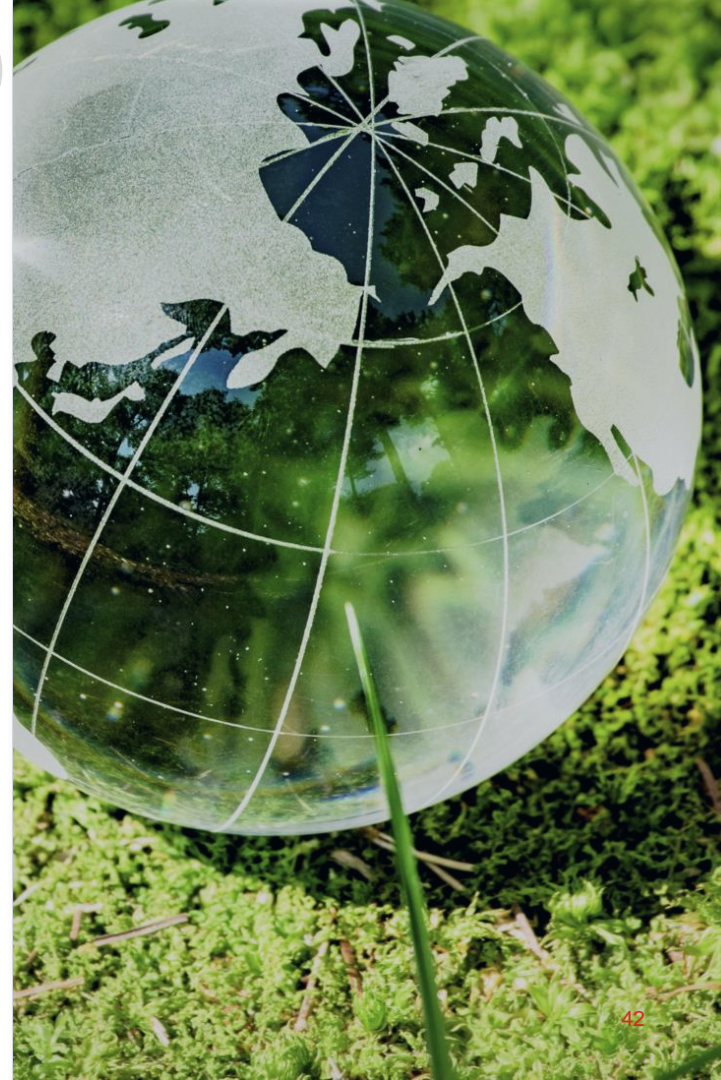
Hyvia, a joint-venture between Renault Group and Plug dedicated to hydrogen mobility, and Hype, have announced a partnership to apidly develop the relevant uses of decarbonized hydrogen mobility (...)

<https://www.automotiveworld.com/news-releases/hyvia-and-hype-announce-partnership-to-accelerate-decarbonized-hydrogen-mobility/>

Polestar reduces supply chain emissions through integration of renewable fuels for ocean freight

Polestar is taking the next steps in reducing its supply chain emissions by integrating renewable fuels on its ocean freight routes, which account for around 75% of Polestar's total transportation emissions (...)

<https://www.automotiveworld.com/news-releases/polestar-reduces-supply-chain-emissions-through-integration-of-renewable-fuels-for-ocean-freight/>



# News on key industry trends

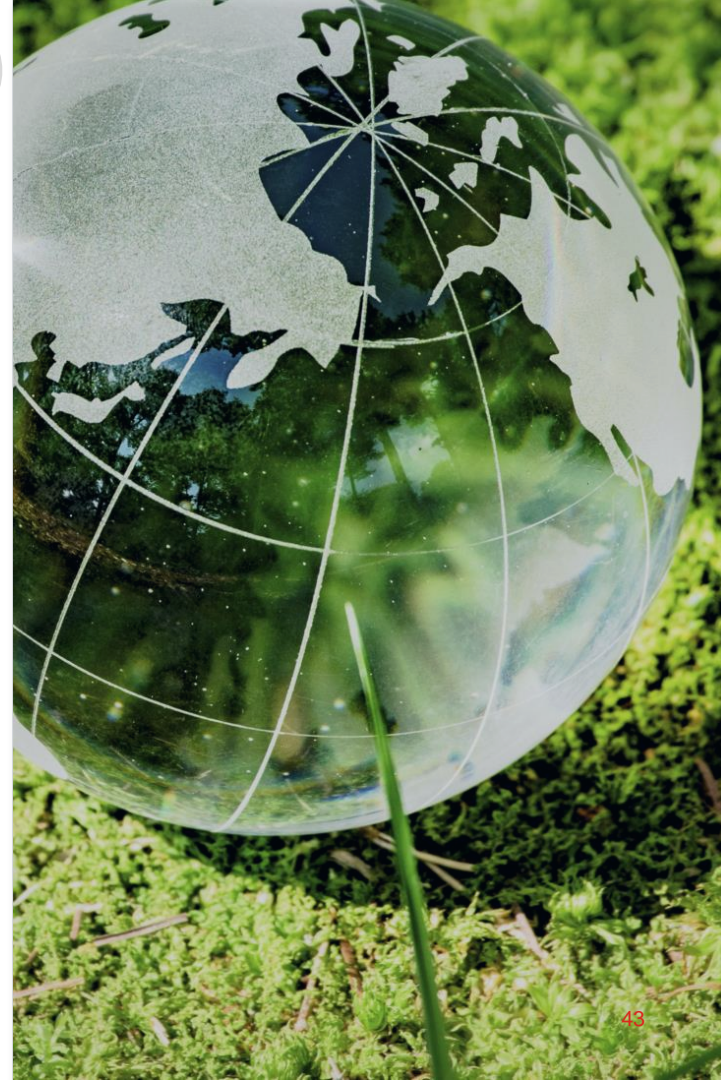
## Sustainability (2/2)



JLR launches Sustainability Innovation Challenge to engage innovators for pioneering mobility and automotive solutions

As part of its Reimagine strategy, JLR has defined a clear vision to become proud creators of modern luxury and be a carbon net zero business by 2039. Global collaboration and collective creativity make sustainable modern luxury a reality (...)

<https://www.automotiveworld.com/news-releases/jlr-launches-sustainability-innovation-challenge-to-engage-innovators-for-pioneering-mobility-and-automotive-solutions/>



**Thank you.**

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