

BIP AutoObserver

Analysis of new car registrations

October 2023



Executive Summary

Analysis of new car registrations in Europe & Italy – October 2023



Europe*

+14,1%

Top Countries by growth of new registrations: 28 countries grew in October 2023 compared to October 2022, the highest rates for Greece (+44,8%), Cyprus (+41,4%) and Poland (+27,8%). Relevant decrease for Norway (-28,9%) and Ireland (-17,0%)

Top 3 Countries by Market Share: Germany 22,0% (-0,6 p.p.), UK 15,0% (+0,4 p.p.) and France 13,4% (+0,0 p.p.) in October 2023 YTD compared to October 2022 YTD

Brands: among the **Top 15 by volume**, the highest growth comparing October 2023 to October 2022 for Dacia (+33,5%), Audi (+19,2%), BMW and Skoda (+18,8%), while Ford (-12,2%) and Volkswagen (-5,3%) decreased

Premium brands:** all 3 German Premium brands increased both in the month of October 2023 and YTD, Audi (+19,2% monthly and +24,7% YTD), BMW (+18,8% monthly and +12,9% YTD) and Mercedes-Benz (+9,9% monthly and +8,5% YTD)



Italy

+ 20,0%

Areas monthly results: North-East +20,9%, North-West 14,4%, Center +27,2%, South +18,9% and Islands +19,4%, comparing October 2023 to October 2022

Customer segments: Retail +12,8%, Fleet +31,9% and Business +31,3% October 2023 YTD vs October 2022 YTD

Brands: considering YTD results, among the **Top 15 by volume** Fiat and Citroen confirmed the decrease registered in September (-2,2% and -7,7%), while all the other brands experienced an increase, the highest for Jeep (+46,1%), Renault (+32,5%) and Dacia (31,4%)

Premium brands:** BMW registered the greatest increase in October 2023 (+11,2%), followed by Audi (+6,3%) and Mercedes-Benz (+5,1%). In a YTD perspective all three grew: Audi (+27,2%), BMW (+26,2%) and Mercedes-Benz (+13,6%) compared to the same period of 2022. Mercedes-Benz is the only brand decreasing in Market Share compared to 2022



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* – October 2023

European Markets*
new car registrations

2023
2022

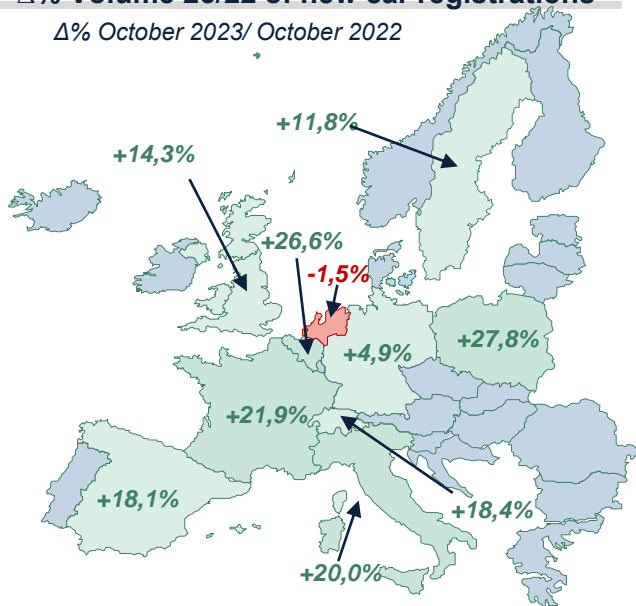
1.039.253
911.132

+14,1%



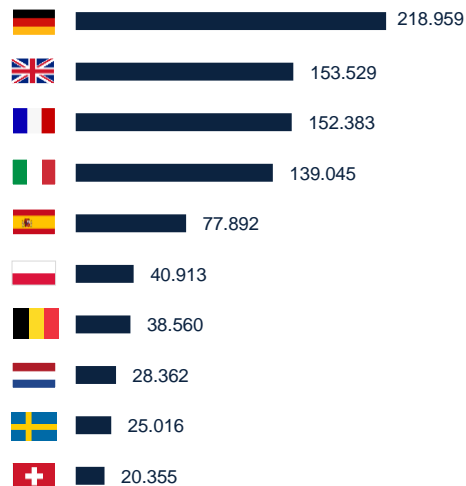
Δ% Volume 23/22 of new car registrations

Δ% October 2023/ October 2022



Number of EU new car registrations 2023

New car registration October 2023



! Highlights

- The European market (EU+UK+EFTA) **registrations** increased from 911.132 in October 2022 to 1.039.253 cars in October 2023 (+14,1%).
- The only market in the top 10 that registered a monthly **decrease** is **Netherlands** (-1,5%) while significant growth for:
 - Poland (+27,8%)
 - Belgium (+26,6%)
 - France (+21,9)
 - Italy (+20,0%)

Europe | Market Overview

Top 10 European Markets* – October 2023 YTD

European Markets*
new car registrations

2023	10.722.930
2022	9.188.049

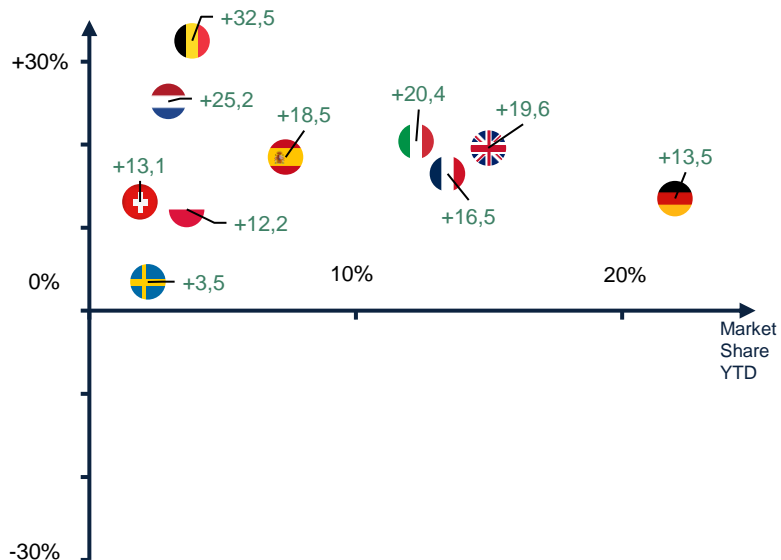
10.722.930
9.188.049

+16,7%



Highlights - Δ% Volume 23/22 & Market Share (MS)

Δ % Volume October 23/22



#	Country	MS October 2023 YTD	Δ VS 2022	Sales Volume October 2023 YTD
1	GER	22,0%	+13,5	2.357.025
2	UK	15,0%	+19,6	1.605.437
3	FRA	13,4%	+16,5	1.441.007
4	ITA	12,3%	+20,4	1.315.033
5	SPA	7,4%	+18,5	789.272
6	BEL	3,9%	+32,5	413.408
7	POL	3,6%	+12,2	391.230
8	NET	3,0%	+25,2	317.323
9	SWE	2,2%	+3,5	234.985
10	CH	1,9%	+13,1	203.261



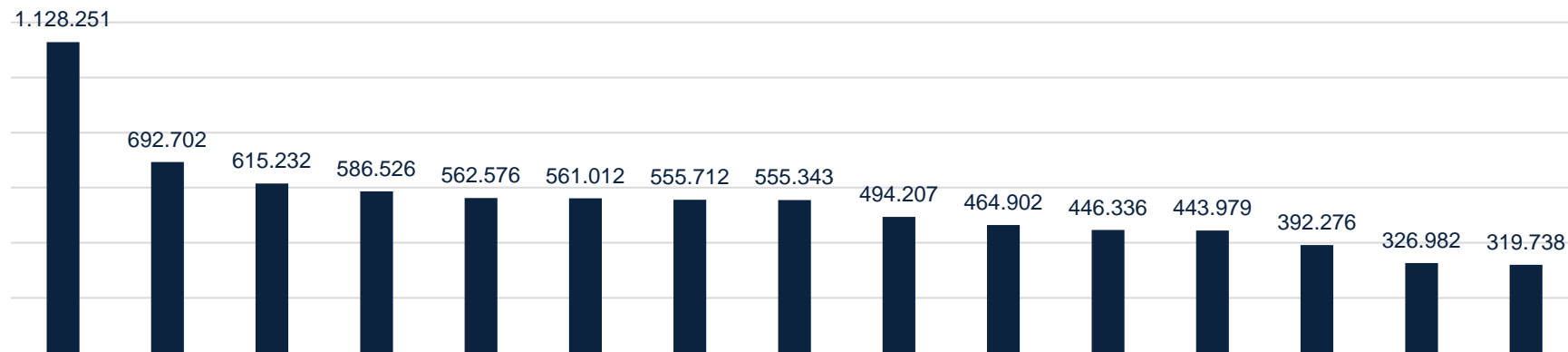
Highlights

- Considering YTD results, **29 countries out of 31 increased in October 2023 YTD** compared to October 2022 YTD, with most significant results for **Belgium (+32,5%)**, **Portugal (+31,7%)** and **Croatia (+31,3%)**. Only 2 countries decreased (Norway and Hungary).
- In the **top 10** for new registrations, **relevant YTD growth** for Belgium, followed by Netherlands, Italy and UK.

Europe | New car registrations by brand



Top 15 – October 2023 YTD



Δ Vol. 23/22	+15,8%	+9,4%	+24,7%	+12,9%	+26,2%	+20,9%	+8,5%	+5,9%	+5,5%	+21,2%	+2,5%	+3,4%	+8,2%	-1,0%	-0,5%
MS '23	10,5%	6,5%	5,7%	5,5%	5,2%	5,2%	5,2%	5,2%	4,6%	4,3%	4,2%	4,1%	3,7%	3,0%	3,0%
Δ MS 23/22	-0,94%	-5,80%	+5,56%	-3,51%	+6,12%	+1,96%	-7,14%	-8,77%	-9,80%	+2,38%	-10,64%	-12,77%	-5,13%	-16,67%	-14,29%



Source: ACEA

(*) Opel includes Vauxhall and Fiat includes Abarth 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 2023 vs 2022

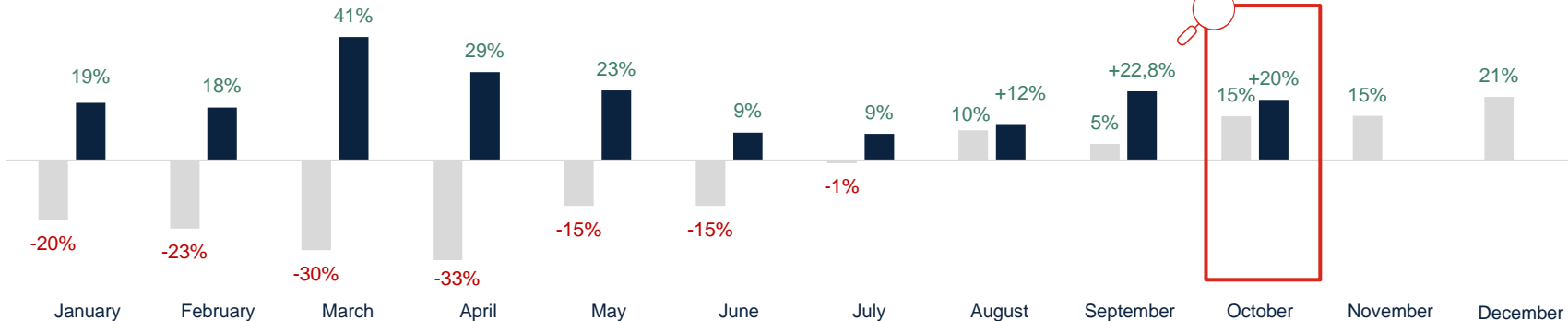
October 2023 Highlights

October 2023 is a **positive month** for the Italian Market, with 139.052 new registrations (+20,0% compared to October 2022), bringing the recovery since the beginning of the year to **+20,5%** compared to the same period in 2022; an increase that can be explained by the **greater availability** of cars in **2023** and the disposal of backlog orders. Although YTD results are still far from pre-pandemic volumes (-20,0%), **October 2023 saw a reduction in the gap** with a -11,6% compared to October 2019.

All **Customer segments** registered a growth both on a monthly and YTD basis; looking at the results since the beginning of the year, **Fleet** recorded the largest increase (+31,9%), immediately followed by **Business** (+31,3%); however, **Retail** still remains the channel with the **highest Market Share** (55,3%).

Focusing on fuel types, **in October 2023 HEVs** was the **top purchase choice** (39,0% MS), followed by **Petrol** and **Diesel** (27,5% and 15,2% MS respectively). **EVs** registered a +18,4% compared to the same period in 2022, reducing Market Share gap vs previous year (-0,1 p.p. in October vs -0,9 p.p. in September), mainly driven by the **BEVs recovery** (+1,0 p.p. MS).

Among the top 15 brands by volume, significant monthly growth for **Dacia** (+65,1%), **Jeep** (+36,8%) and **Renault** (31,6%); after the negative result in September, Tesla returned to grow in October, consolidating the YTD three-digit increase (+229,6%).



■ 2021/2022 ■ 2022/2023

Italy | Market Overview

Italian Market – October 2023 vs October 2022

Italy New Car Registrations

2023
2022

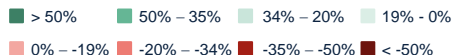
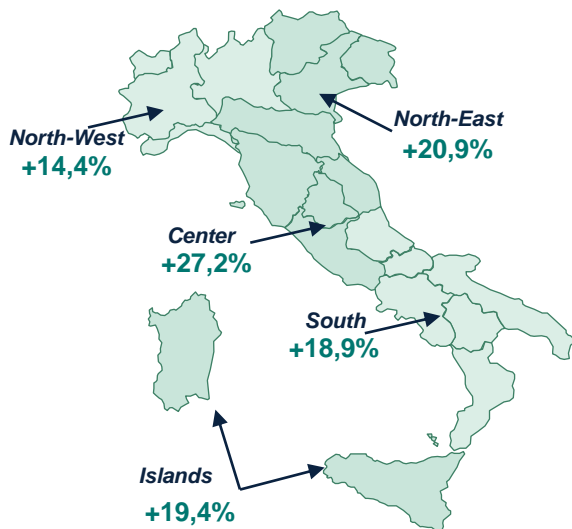
139.052
115.852

20,0%



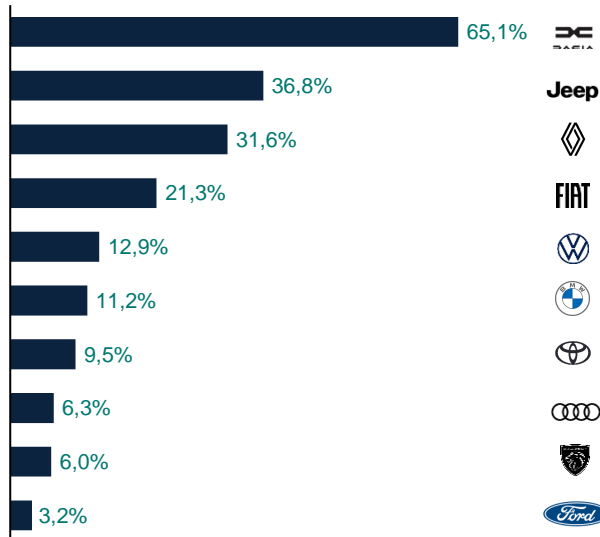
Δ% Volume 23/22 of New Car Registrations

Δ% October 2023/ October 2022



Growth of Top 10 Brands by Volumes

Δ% October 2023/ October 2022



Highlights

- In **October 2023**, the Italian Market **confirmed the positive result** of the previous months with an increase of **+20,0%** compared to October 2022.
- This month all brands in the top 10 by volume registered a growth, **the highest** for **Dacia** (+65,1%), **Jeep** (+36,8%) and **Renault** (+31,6%).
- All regions** in the Italian Market **increased**, **Central** and **Northern-East** regions grew **at a higher rate** than the **North-West, South** and **Islands**.

Jeep



FIAT



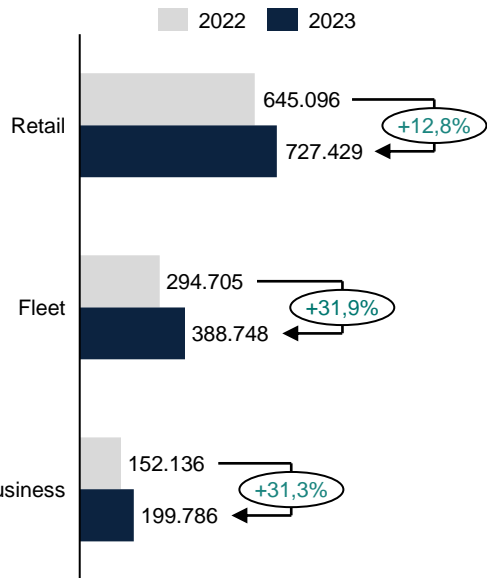
Italy | Market Overview

Italian Market – October 2023 YTD vs October 2022 YTD

Italy New Car Registrations (YTD)	2023	2022	% Change
	1.315.964	1.091.937	20,5%

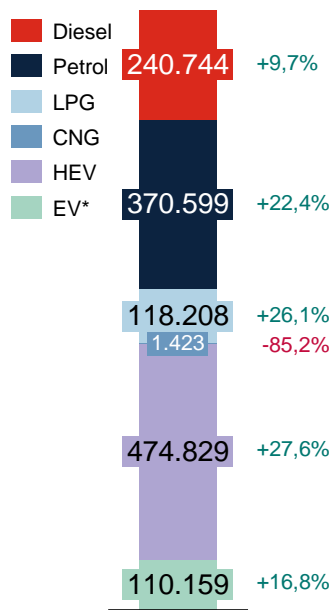
Analysis by “Customer Segment”

Registration YTD ‘23/’22



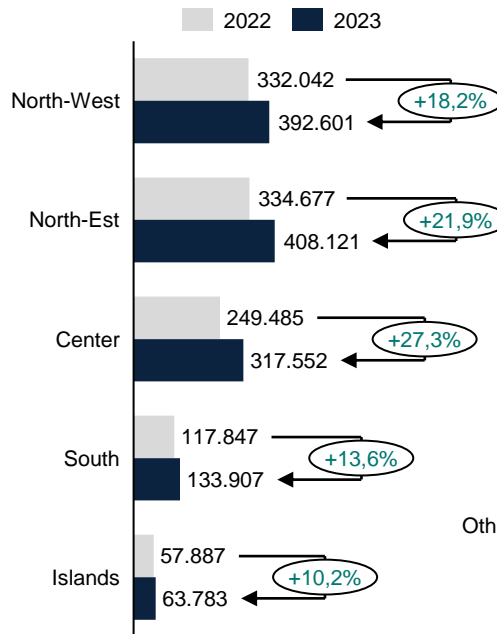
Analysis by “Fuel Type”

Registration YTD ‘23



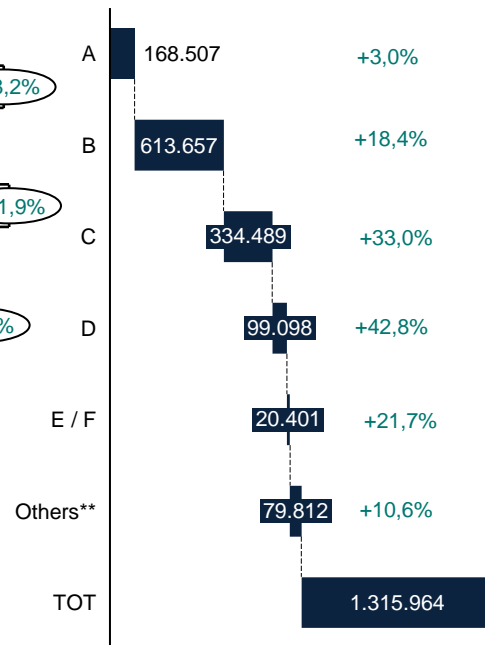
Analysis by “Geographical Area”

Registration YTD ‘23/’22



Analysis by “Car Segment”

Registration YTD ‘23/’22



Source: UNRAE

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

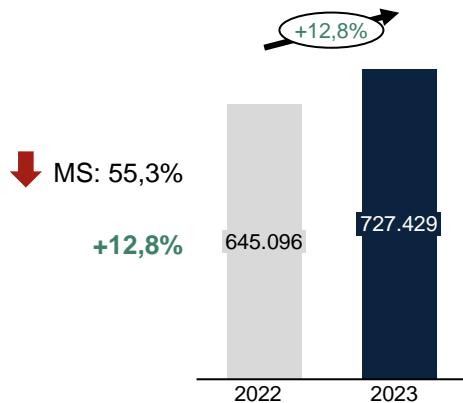
Italy | Market Highlights

Italian Market – Distribution channels – October 2023 YTD vs October 2022 YTD

Italy New Car Registrations (YTD)

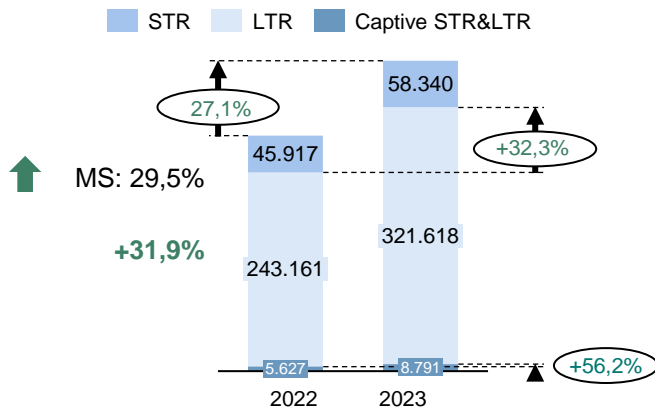
2023	1.315.964	20,5%	 
2022	1.091.937		

Retail (Private Customers)



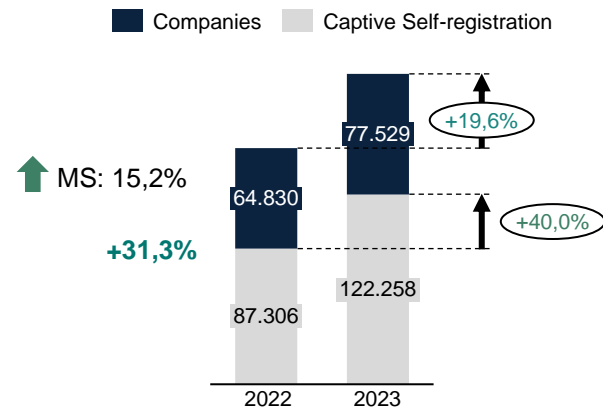
- Compared to October 2022 YTD, in 2023 the **Retail** segment registered an increase of +12,8% (82.333 additional units sold) but anyway is the only segment that dropped in terms of Market Share, -3,8 p.p. (55,3% in October 2023 vs. 59,1% in October 2022).

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






- Fleet segment** recorded a positive result in October 2023 YTD (+31,9%), down slightly from September 2023 (+35,4%). Among the three channels, Fleet showed the highest increase in terms of MS (+2,5 p.p.), led by **LTR** (+2,1 p.p., 24,4% in October 2023 YTD vs 22,3% in October 2022 YTD).

Business (Company registrations**)



- Business segment** in October 2023 YTD increased in new registrations (+31,3%) and in MS (+1,3 p.p.), driven by **Captive self-registrations** segment (while Companies segment showed no change in terms of MS) confirming the positive trend of September 2023.

  Market Share YTD increase / decrease October 2023 / October 2022 (YTD)
 Δ% Volume October 2023 / October 2022 (YTD)



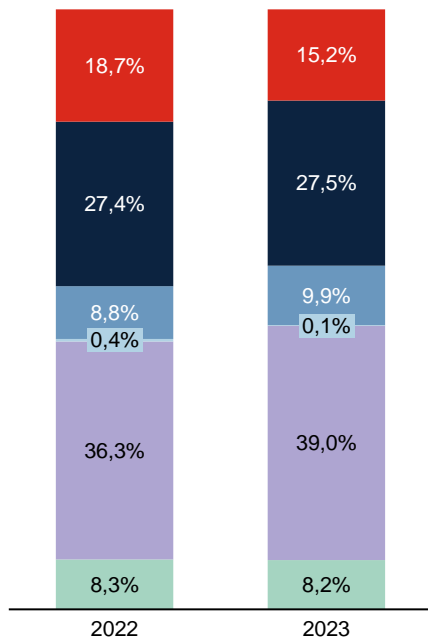
Source: UNRAE



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



“Fuel Type” mix evolution (Market Share)

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



	 PHEV	 BEV
MS Oct '22	5,2%	3,1%
MS Oct '23	4,1%	4,1%
MS Delta Oct '23 vs. '22	-1,1 p.p.	+1,0 p.p.

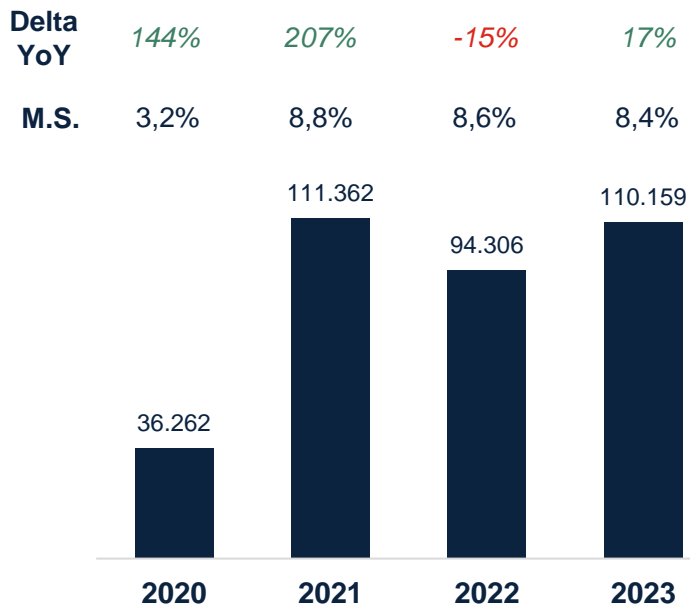
- In October 2023, **HEV** registered the **highest increase** in terms of Market Share (+2,7 p.p.), followed by **LPG** (+1,1 p.p.) and **Petrol** (+0,1 p.p.) while the other fuel types registered a decrease (**Diesel** -3,5, p.p., **CNG** -0,3 p.p. and **EV** -0,1 p.p.).
- As for the **EVs cluster**, this month saw a decrease in Market Share (-0.1 p.p.) compared to October 2022, due to the **drop** of the **PHEV segment** (-1.1 p.p.), but a recovery from September (-0,9 p.p.) .

Italy | New car registrations by fuel type

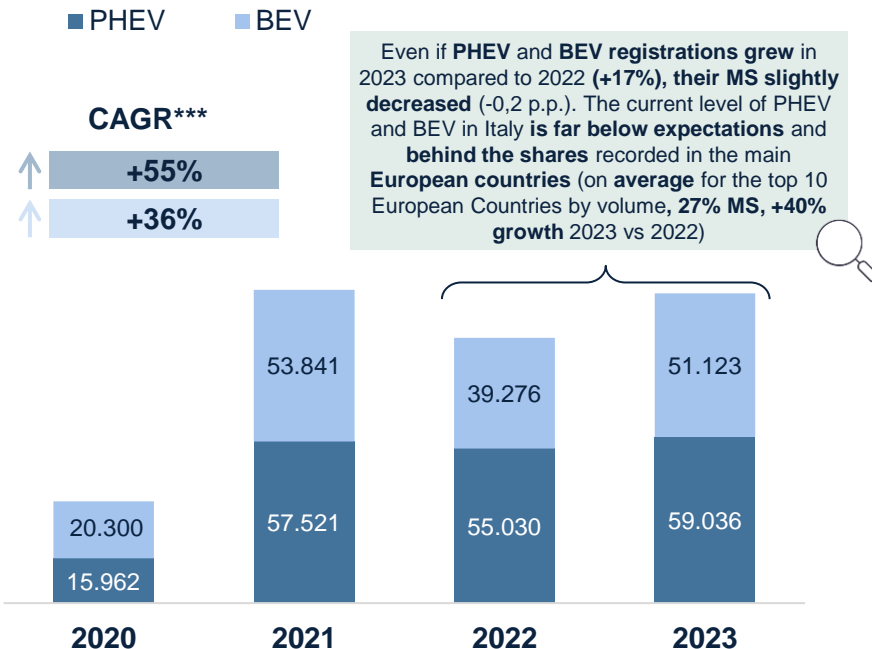


New car registrations of Hybrid vs Pure Electric vehicles

PHEV and BEV Registrations Trend October '23 YTD



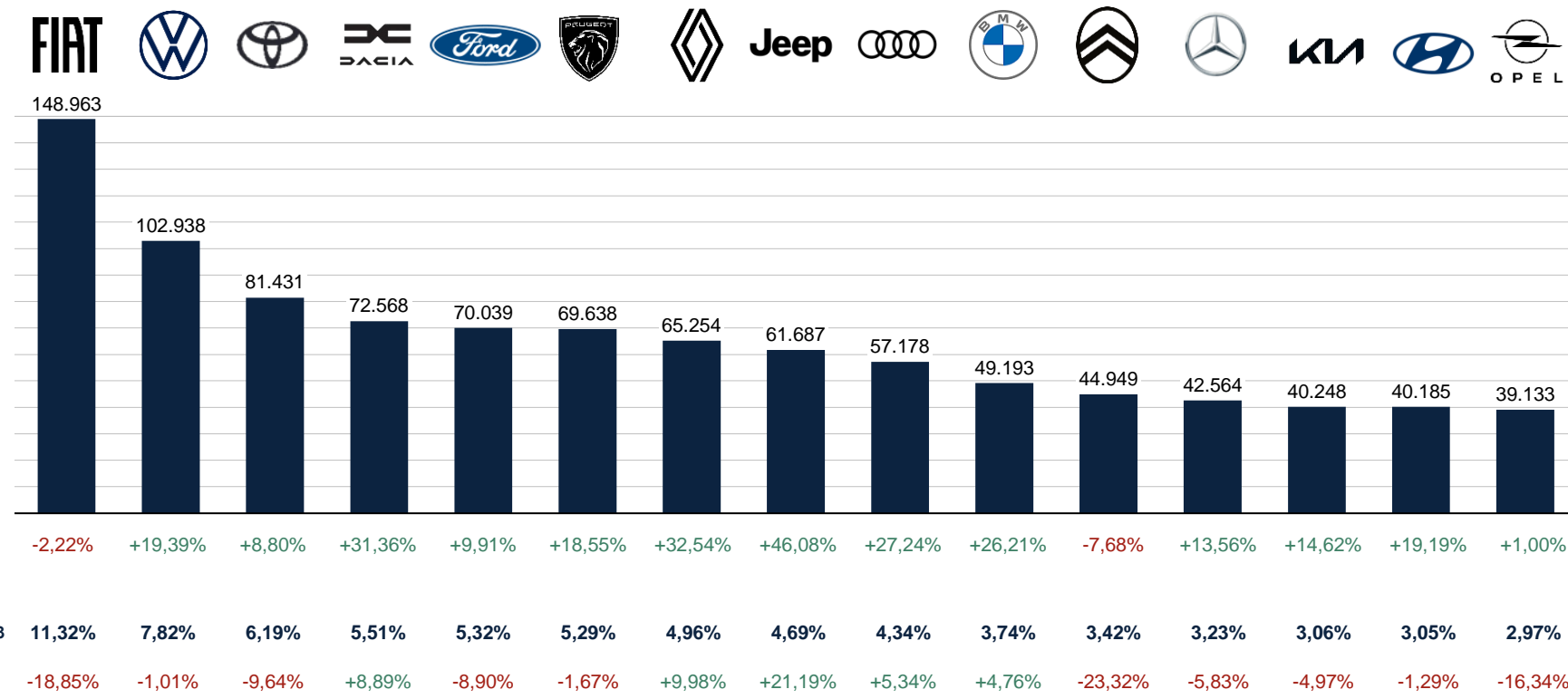
PHEV* and BEV** Vehicles Trend October '23 YTD



Italy | New car registrations by brand



New car registrations by brand – October 2023 YTD (1/3)

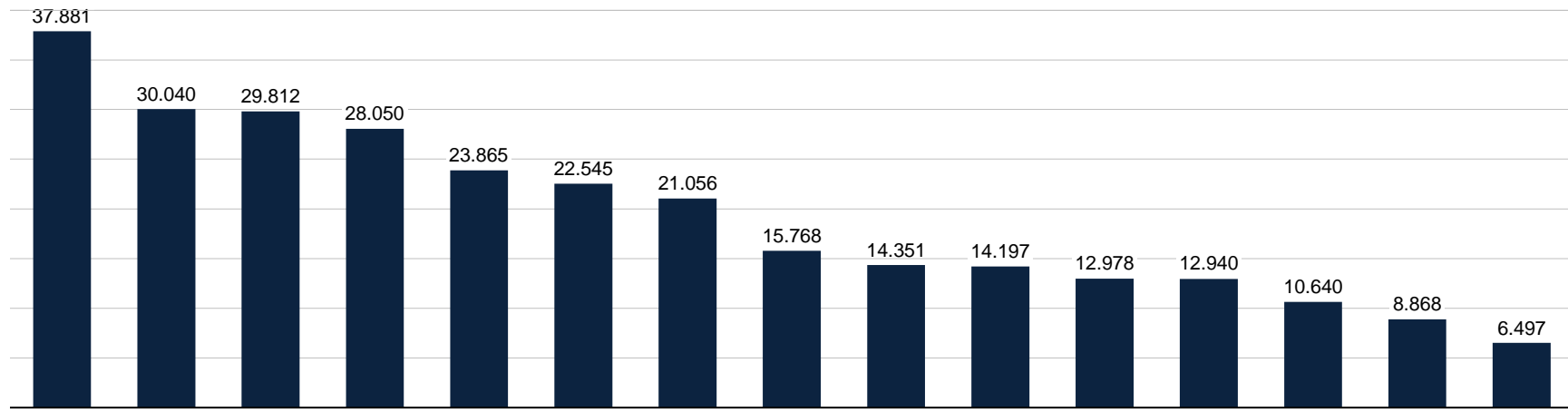


Source: UNRAE

Italy | New car registrations by brand



New car registrations by brand – October 2023 YTD (2/3)



Δ Vol. 23/22	+8,95%	+39,97%	+73,49%	+36,00%	+331,40%	+102,18%	+32,95%	+15,47%	+24,29%	+45,36%	+71,78%	+229,60%	-6,24%	+29,48%	+20,27%
M.S. '23	2,88%	2,28%	2,27%	2,13%	1,81%	1,71%	1,60%	1,20%	1,09%	1,08%	0,99%	0,98%	0,81%	0,67%	0,49%
Δ M.S. 23/22	-9,43%	+15,74%	+44,59%	+12,70%	+254,90%	+67,65%	+10,34%	-4,00%	+2,83%	+21,35%	+43,48%	+172,22%	-22,12%	+6,35%	+0,00%

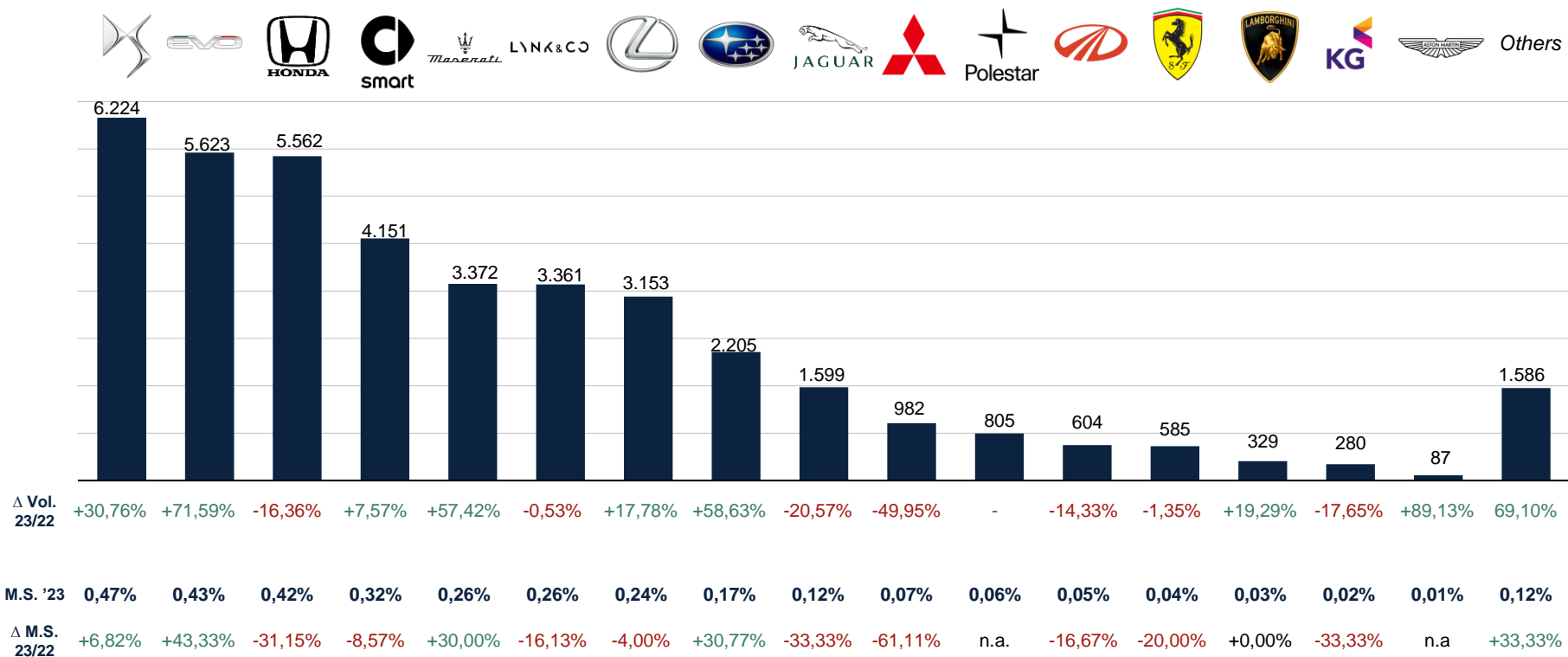


Source: UNRAE

Italy | New car registrations by brand



New car registrations by brand – October 2023 YTD (3/3)



Italy | New car registrations by group



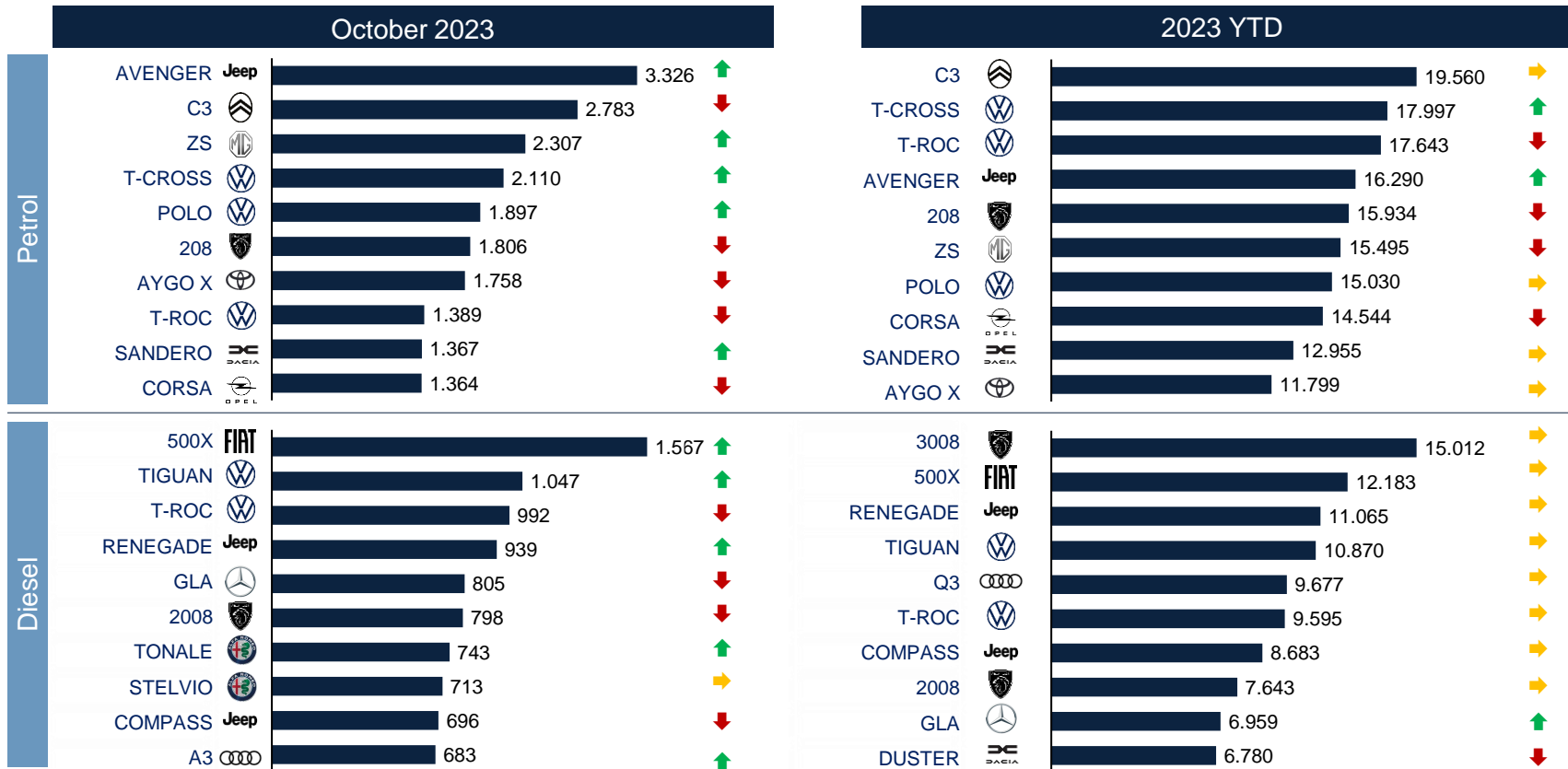
New car registrations by group – Top 15 – October 2023 YTD

Group	Brand	Volume	Δ% Volume '23 vs '22	Market Share (%)
1	Stellantis 	434.392	10,4%	33,0%
2	Volkswagen 	213.332	23,2%	16,2%
3	Renault 	137.822	31,9%	10,5%
4	Toyota 	84.584	9,1%	6,4%
5	Ford 	70.039	9,9%	5,3%
<i>Top 5: 71,4%</i>				
6	BMW 	64.961	23,4%	4,9%
7	Mercedes-Benz 	46.715	13,0%	3,6%
8	KIA 	40.248	14,6%	3,1%
9	Hyundai 	40.185	19,2%	3,1%
10	Nissan 	30.040	40,0%	2,3%
<i>Top 10: 88,4%</i>				
11	Suzuki 	29.812	73,5%	2,3%
12	DR Group 	26.679	39,6%	2,0%
13	MG 	23.865	331,4%	1,8%
14	Volvo 	14.351	24,3%	1,1%
15	Mazda 	12.978	71,8%	1,0%

Italy | New car registrations by fuel type



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



Source: UNRAE

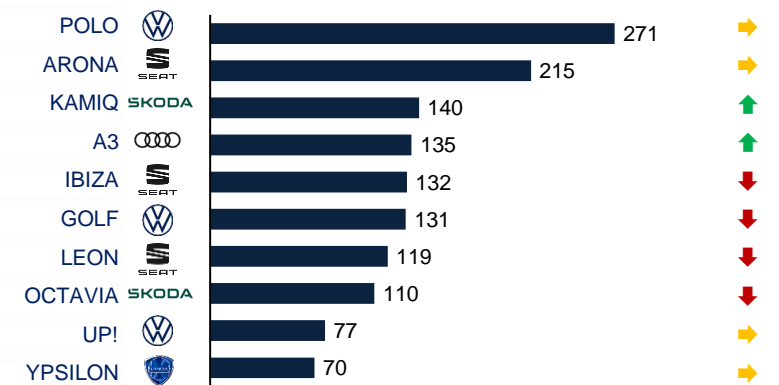
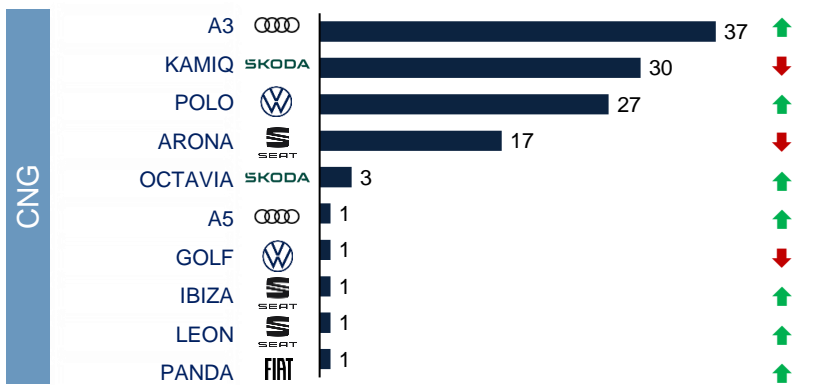
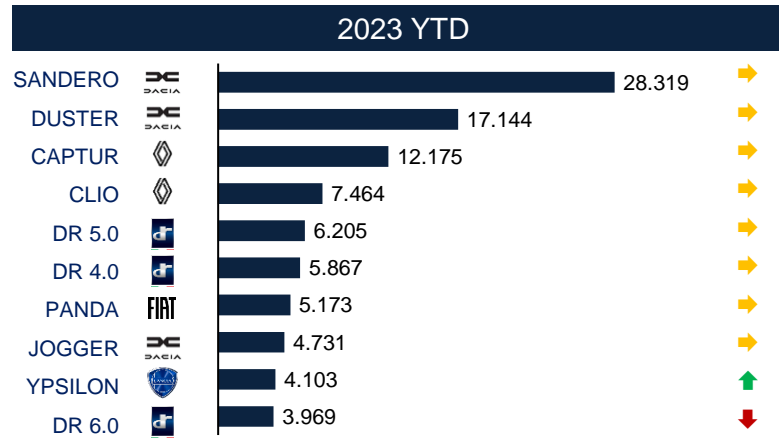
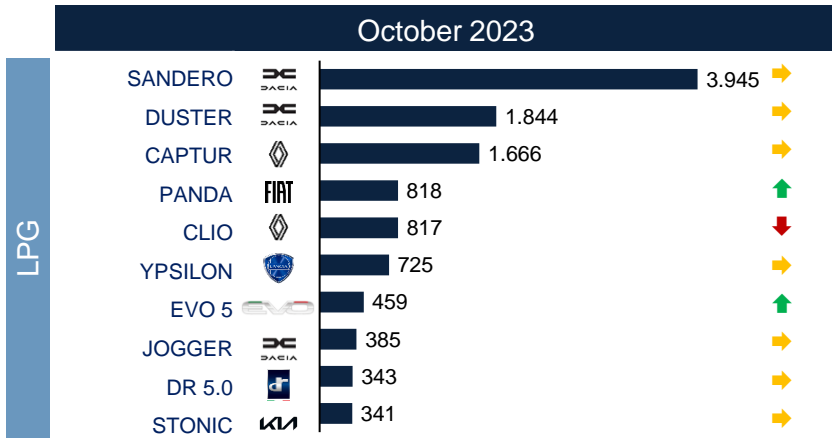


Ranking variation compared to previous period

Italy | New car registrations by fuel type



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



Source: UNRAE

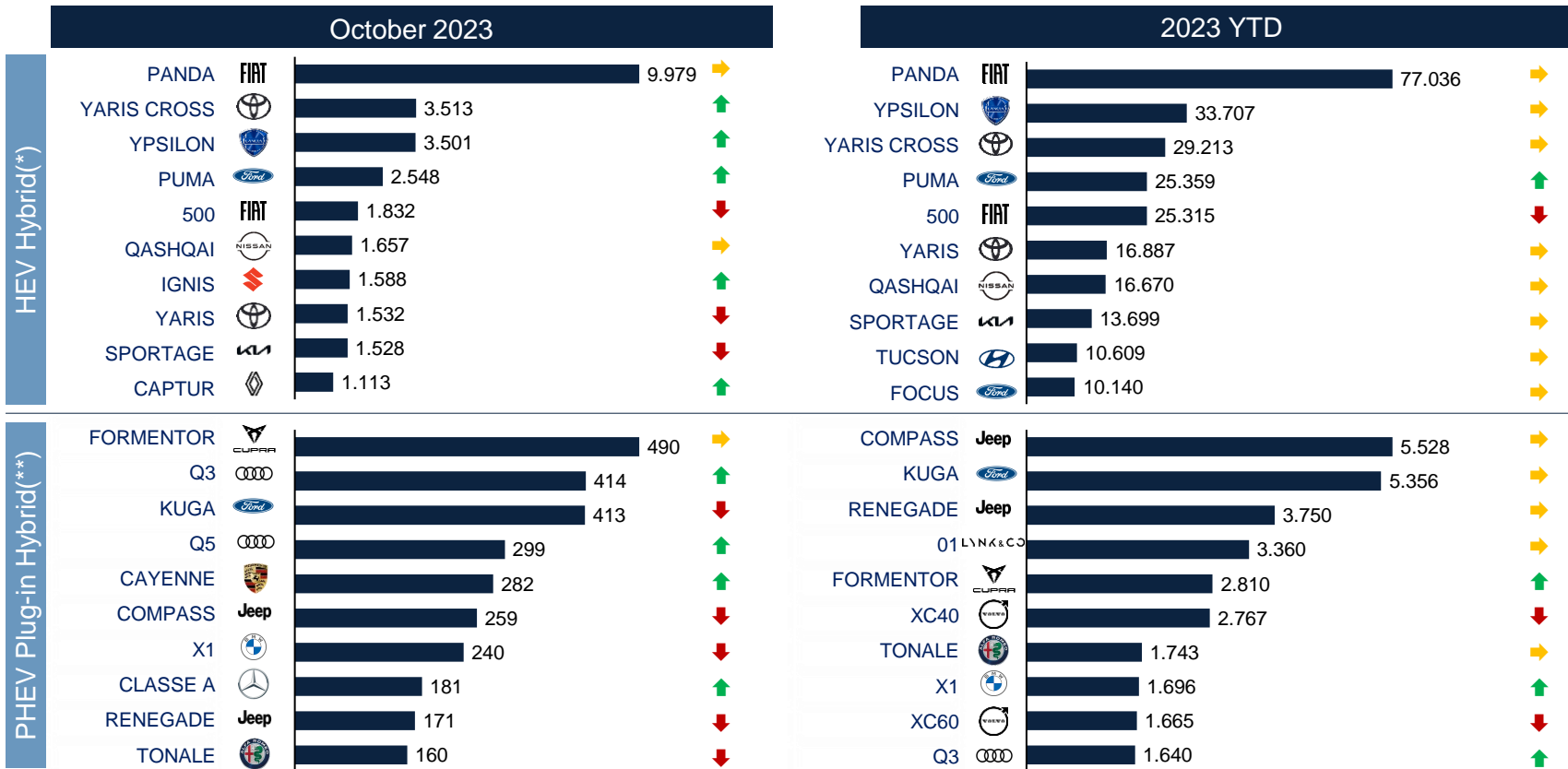


Ranking variation compared to previous period

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)

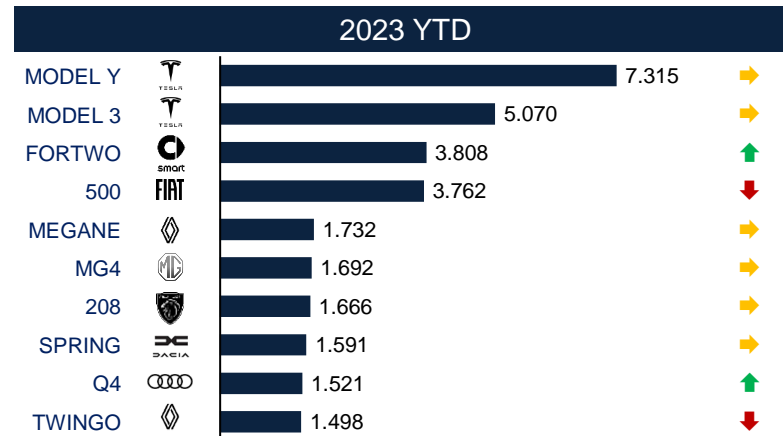
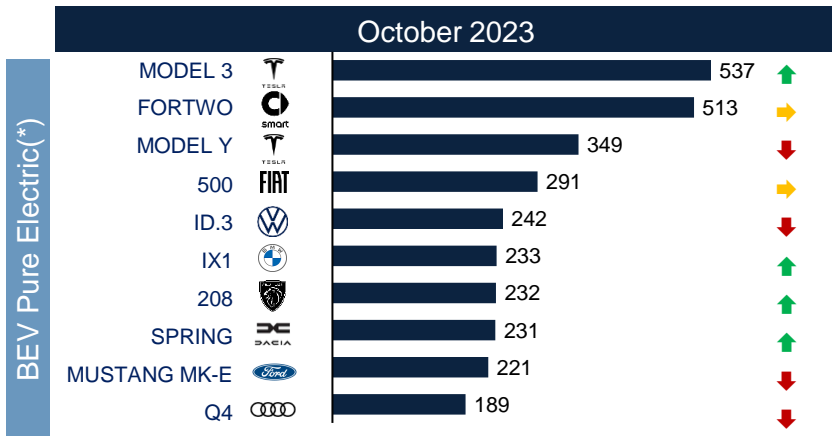


Ranking variation compared to previous period

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»



-2,2 p.p.

B
«Supermini»



-0,9 p.p.

C
«Medium»



2,4 p.p.

D
«Executive»



1,3 p.p.

E/F
«Luxury &
Ultra Luxury»



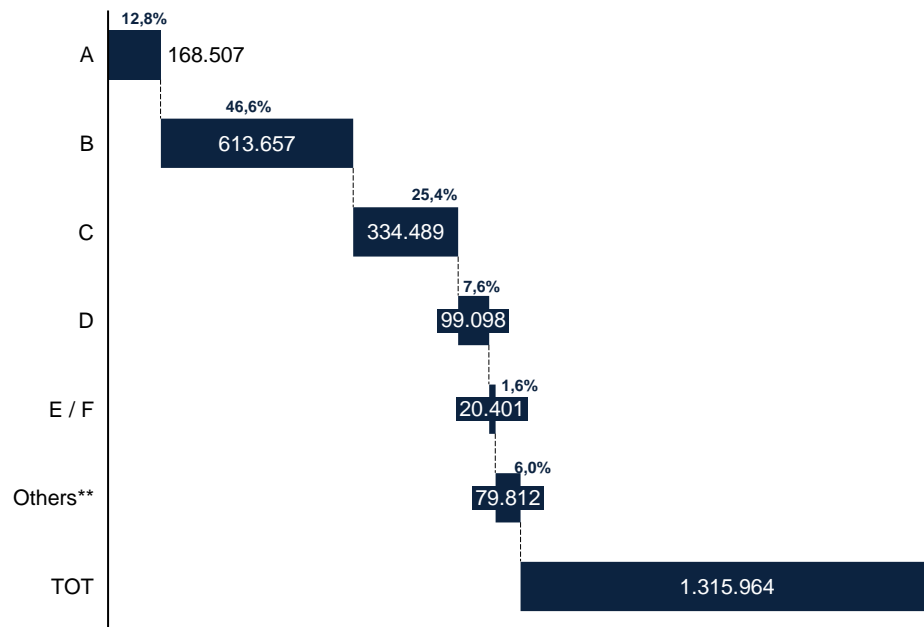
0,1 p.p.

Others
«Station wagon,
MPV, Sportive»



-0,6 p.p.

Market Share and Volume**



Italy | New car registrations by segment

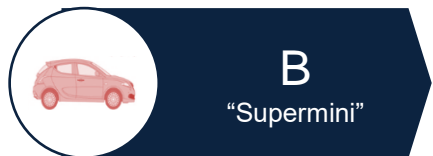
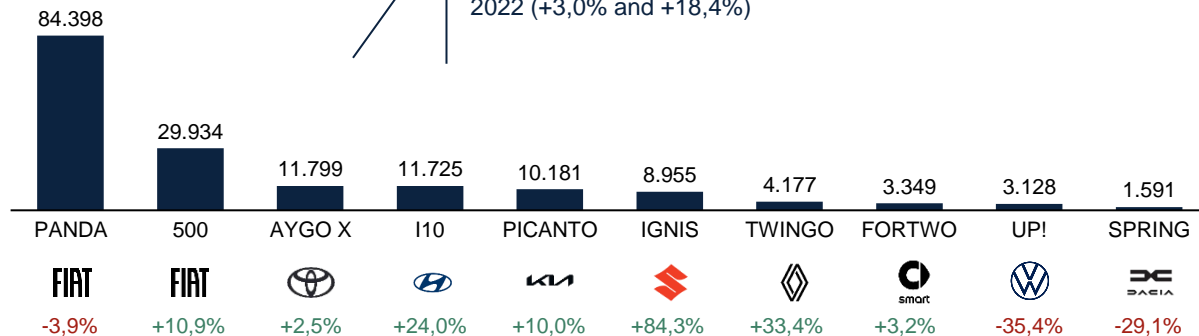


Segment A and Segment B – Top 10 – October '23 YTD

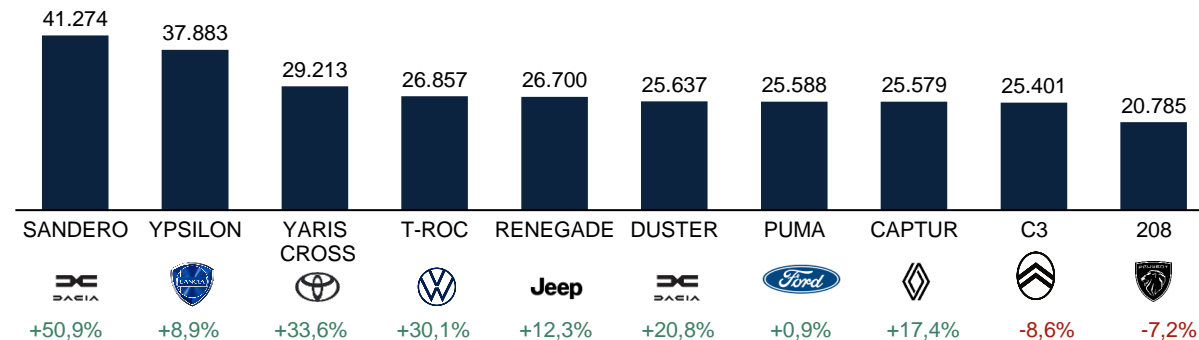
In terms of **MS**, in October 2023 YTD both **Segment A** and **Segment B** registered a decrease (-2,2 p.p. and -0,9 p.p.) vs October 2022 YTD. In terms of new registrations, in October 2023 YTD both **Segment A** and **Segment B** increased vs. October 2022 (+3,0% and +18,4%)



Δ Vol. %
23/22 YTD



Δ Vol. %
23/22 YTD



Italy | New car registrations by segment

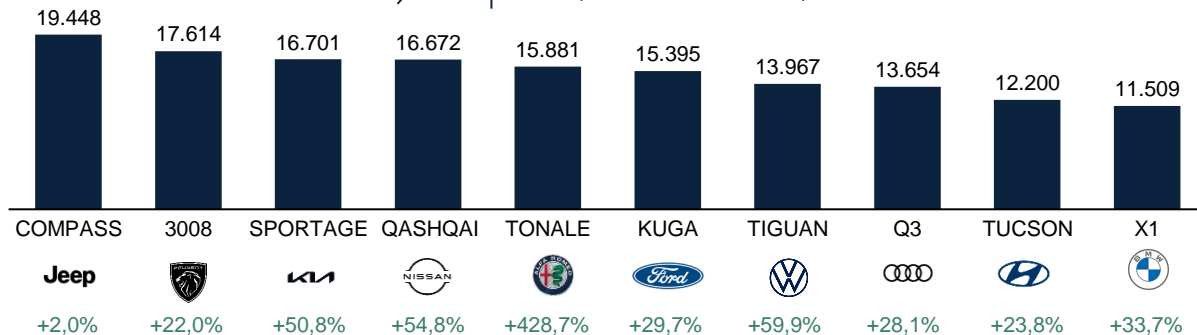
Segment C and Segment D – Top 10 –October '23 YTD



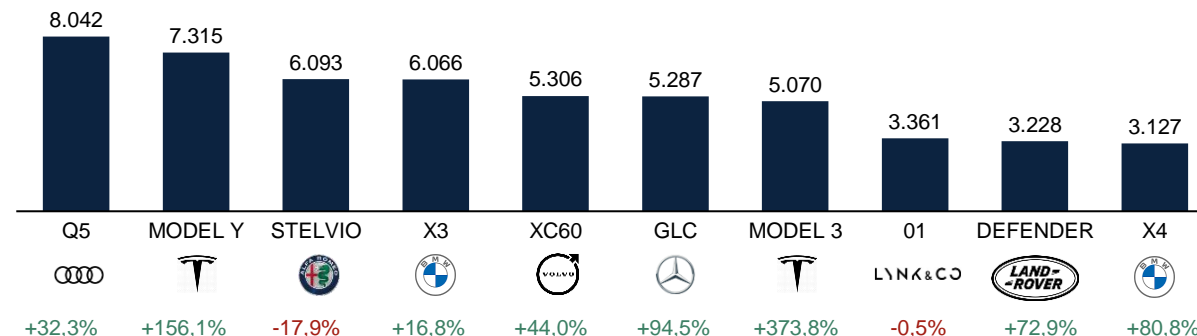
In terms of **MS**, in October 2023 YTD both **Segment C** and **Segment D** registered an increase (+2,4 p.p. and +1,3 p.p.) vs October 2022 YTD. In terms of new registrations, in October 2023 YTD both **Segment C** and **Segment D** increased vs. October 2022 (+33,0% and +42,8%)



Δ Vol. %
23/22 YTD



Δ Vol. %
23/22 YTD



Italy | New car registrations by segment

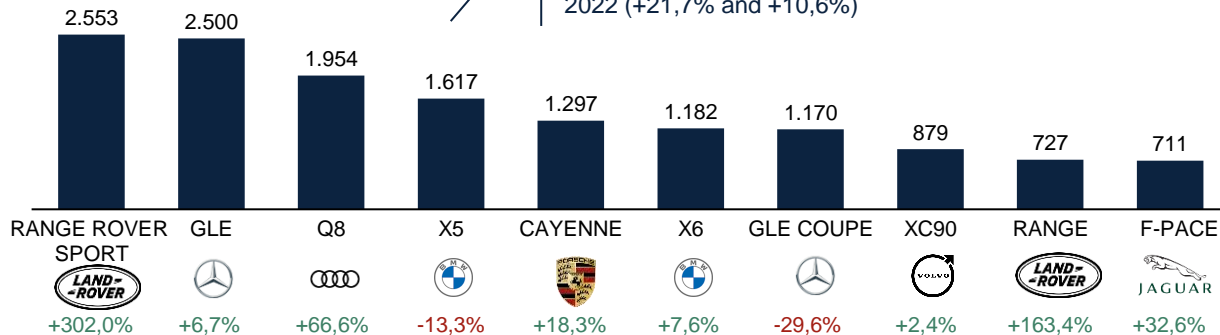


Segment E/F and Others – Top 10* – October '23 YTD

In terms of **MS**, in October 2023 YTD, **Segment E/F** registered an increase (+0,1 p.p.), while **Others** decreased (-0,6 p.p.) vs October 2022 YTD. In terms of new registrations, in October 2023 YTD both **Segment E/F** and **Others** increased vs. October 2022 (+21,7% and +10,6%)

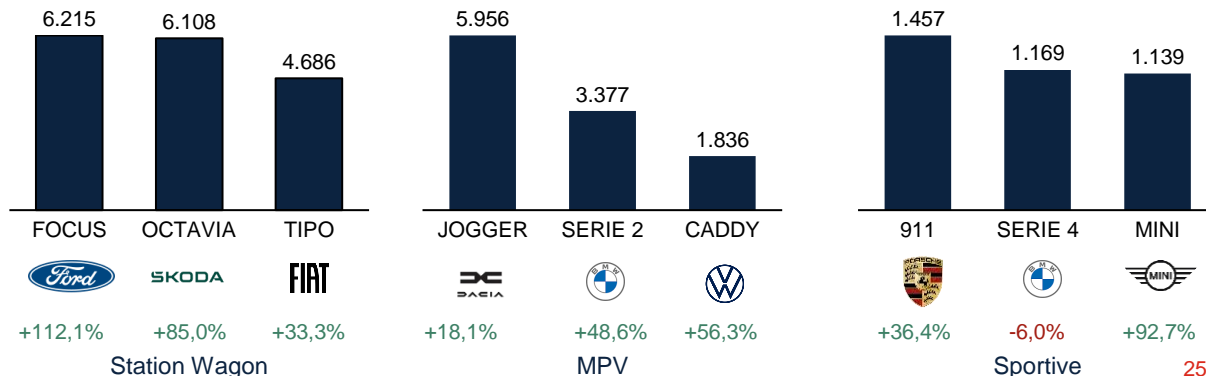
E/F
"Luxury & Extra Luxury"

Δ Vol. %
23/22 YTD



Others
"Station Wagon, MPV, Sportive"

Δ Vol. %
23/22 YTD



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

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05. News on key industry trends

New Car Models Launches in Italy

New models launch per brand – Roadmap 2023 (1/3)

	A			B		C		D			F		H	
											FIAT			
Jan	Giulia ✓	DBX707 ✓		M3 Touring ✓						Purosangue ✓				
Feb	Stelvio ✓		S4 e S5 black edition ✓		C4 X C5 Aircross ✓									
Mar				XM ✓			Jogger Ecosmart ✓							Ioniq 6 ✓
Apr														Kona ✓
May														
Jun				X5, M2 ✓										
Jul														
Aug				Serie 7 ✓										
Sep														
Oct												E-Transit Custom ✓		
Nov		Aston Martin DB12 →	Audi Q7, Q8 	Serie 5 							600e →	Kuga, Mustang →	ZR-V 	Ioniq 7 →
Dec	Brennero 33 Concept 		A3 Allstreet Q6 e-tron 	X2, iX2 						Ferrari Roma Spider →	B-Suv e 595 e 		Civic Type R, CR V →	Santa Fe

New Car Models Launches in Italy

New models launch per brand – Roadmap 2023 (2/3)

	I	J	K	L	M	N				
		JAGUAR	Jeep	KIA						
Jan										
Feb							EQS Suv			
Mar							EQE Suv			
Apr			Avenger e							
May		F-Type 75								
Jun										
Jul										
Aug							Classe G, GLA			
Sep										
Oct							GLC, GLE, GLS			
Nov				Korando E Motion	EV9	Aventador	Gran Turismo/ Folgore	CX-80, MX-30 R-EV	AMG GLC, AMG C 63	ASX, Colt
Dec			Recon	X200, Torres	Urus Evo	Grecale/ Folgore	Maybach EQS Suv/ EQA, EQB	Countryman		



Source: Quattroruote, Motor1

- Launch Concluded
- Launch Postponed
- Launch Anticipated

- Commercial Launch of New Model
- Facelift / Technical Update
- (P) Premiere

New Car Models Launches in Italy

New models launch per brand – Roadmap 2023 (3/3)

	O	P	R	SEAT	SKODA	S	Forester	SUZUKI	TESLA	TOYOTA	VW	VOLVO
Jan							✓ Forester					✓ EX90
Feb		✓ 408		Austral						✓ Corolla		
Mar												
Apr	Corsa		Cayenne									
May												
Jun	Astra GSe Astra-E										Touareg	
Jul			Clio									
Aug		e-308 sw, e-308				#1				BZ4x		
Sep												
Oct										CH-R		
Nov		208	Macan EV	Grand Austral Scenic E-Tech							ID. Aero	
Dec		3008 Mild Hybrid 5008 Mild Hybrid		5 E-tech Electric, Arkana	Elroq		Swift	Cybertruck	Land Cruiser		Golf; T-Cross; Tiguan; ID.7; ID.3 GTX	XC 20 EX 30



Source: Quattroruote, Motor1

- ✓ Launch Concluded
- ➔ Launch Postponed
- Launch Anticipated

- Commercial Launch of New Model
- Facelift / Technical Update
- (P) Premiere



01. Europe

02. Italy

03. New car models launches in Italy

04. Commercial & Industrial Vehicles

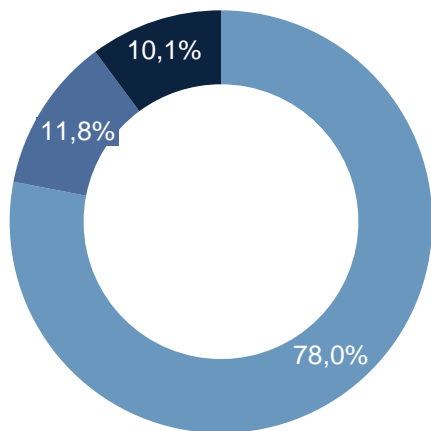
05. News on key industry trends



Commercial and Industrial Vehicles Highlights 2023

In **October 2023**, the **commercial and industrial vehicles Market** showed a **general growth** with a total of **23.667** new vehicles (204.887 YTD). On an annual basis all segments registered increases compared to 2022: **commercial vehicles segment ($\leq 3,5t$)** +19,2%, **light mass segment ($<16t$)** and **heavy mass segment ($\geq 16t$)** +16,1% and +17,1% respectively. In October, all three clusters experienced a growth, the highest for commercial vehicles (+42,5%), followed by the light mass segment (+2,0%) and the heavy mass segment (+0,5%).

Vehicles YTD distribution by category



■ ≤ 3,5t ■ 3,5 t - 16t ■ ≥ 16t

204.887

Total registered vehicles
+ 18,6%
compared to 2022 registrations
(172.692)

Commercial
vehicles YTD

159.864 +19,2% *

Light mass
vehicles YTD

24.256 +16,1% *

Heavy mass
vehicles YTD

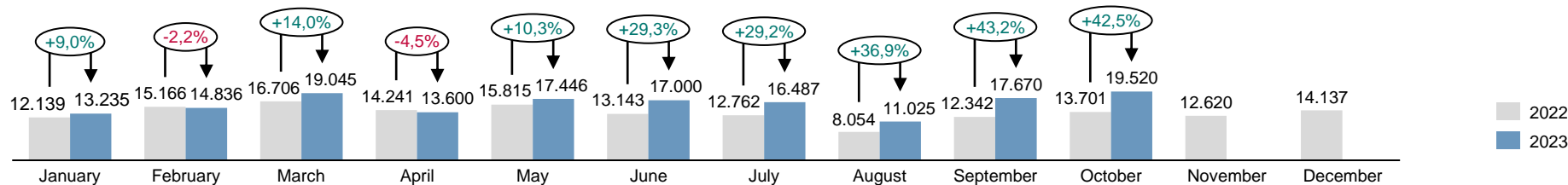
20.767 +17,1% *

Italy | New Vehicles registrations

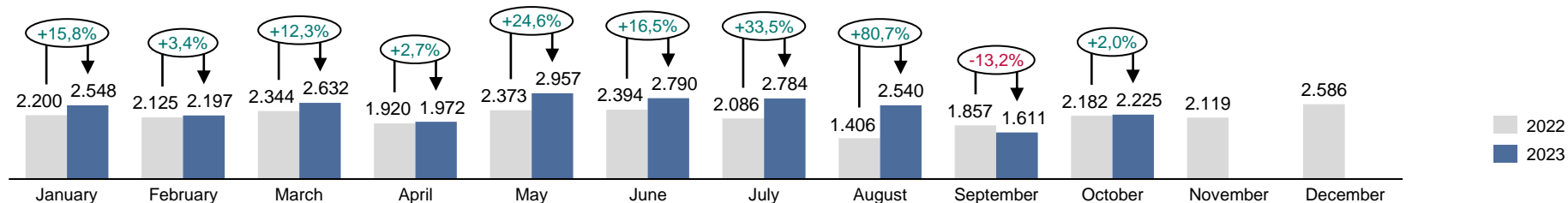


Italian Market - Commercial and Industrial vehicles Registration 2023 vs 2022 (2/2)

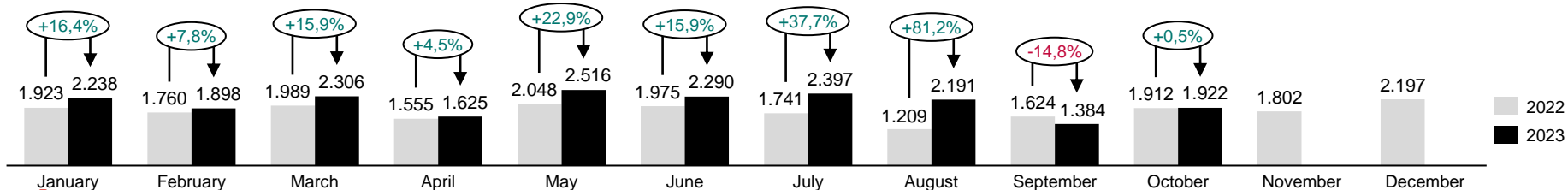
Commercial Vehicles ≤ 3,5t Monthly Data – 2023 vs 2022



Industrial Vehicles | Light mass segment 3,5t – 16t Monthly Data – 2023 vs 2022



Industrial Vehicles | Heavy mass segment ≥ 16t Monthly Data – 2023 vs 2022





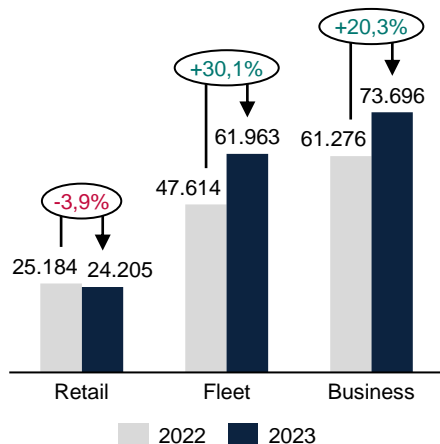
Commercial Vehicles January - October Analysis

In the first 10 months of **2023**, the **commercial vehicles** increased in new registrations (+19,2%), with a total of **159.864**, mainly driven by **Business** and **Fleet segments**, while **Retail** registered a **decrease**.

Regarding the fuel type, significant increases for **Diesel** (+25,4%), **LPG** (+23,2%) and **EV** (+6,7%), while **Petrol** and **CNG** registered great **decreases**.

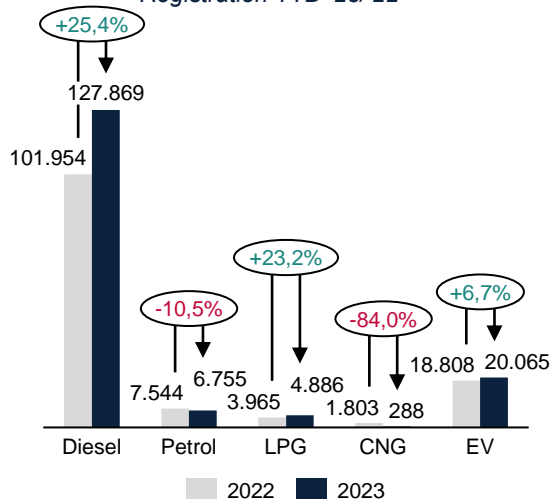
Analysis by “Customer Segment”

Registration YTD '23/'22

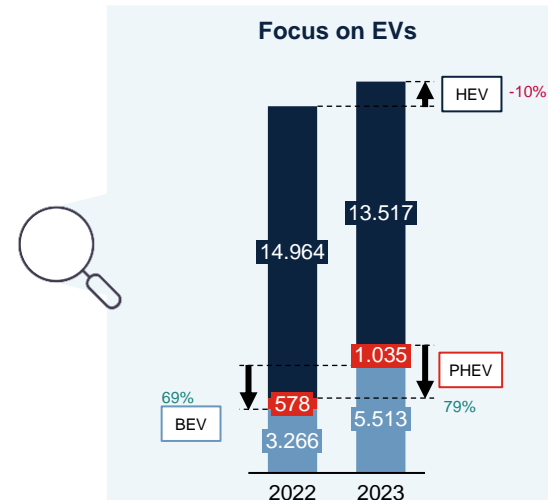


Analysis by “Fuel Type”

Registration YTD '23/'22



Focus on EVs

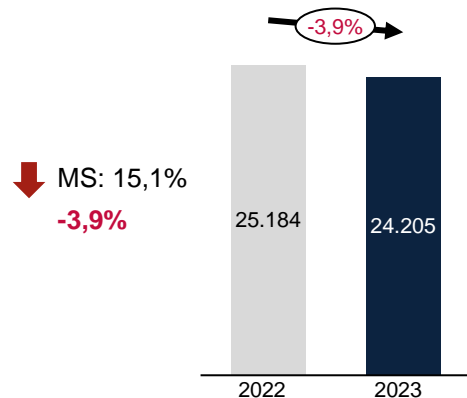


Italy | New Vehicles registrations



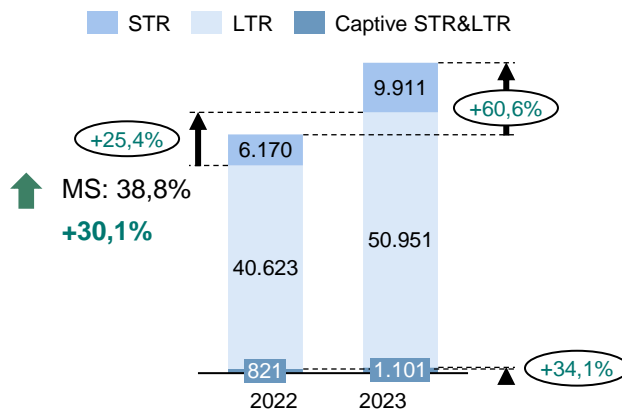
Italian Market - Commercial vehicles October 2023 YTD vs October 2022 YTD

Retail (Private Customers)



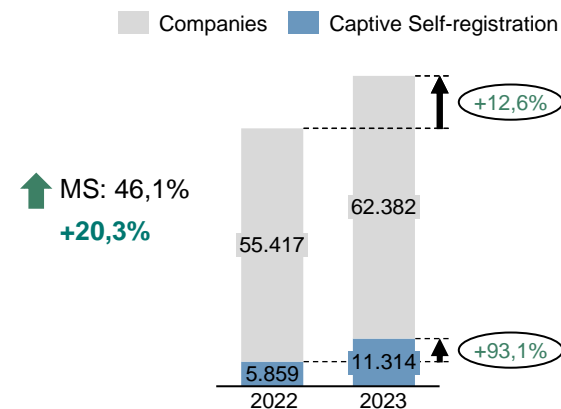
- Compared to **October 2022 YTD**, in the first 10 months of **2023**, the **Retail** segment registered a **decrease** both in terms of **new registrations** (-3,9%) and **Market Share** (-3,7 p.p.: 15,1% in 2023 vs. 18,8% in 2022)

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



- All Fleet segments registered increases in **October 2023 over the same period in 2022**, highest for **STR** (+60,6%). Even the **Market Share** increased for all segments: **STR** (6,2% in Oct 2023 YTD vs 4,6% in Oct 2022 YTD), **LTR** (31,9% in Oct 2023 YTD vs 30,3% in Oct 2022 YTD) and **Captive STR<R** (0,7% in Oct 2023 YTD vs 0,6% in Oct 2022 YTD)

Business (Company registrations**)



- The increase of the **Business** segment registrations in **October 2023 YTD** is mainly related to the increase of **Captive self-registrations** (+93,1% or 5.455 units sold), and to a minor extent to **Companies registrations** (+12,6% or 6.965 additional units sold)

Market Share increase / decrease Jan-Oct 2023 / Jan-Oct 2022
 Δ% Volume Jan-Oct 2023 / Jan-Oct 2022



01. Europe

02. Italy

03. New car models launches in Italy

04. Commercial & Industrial Vehicles

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 25/10/2023 to 23/11/2023



Sustainability

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



Digitalization

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



Mobility Services

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



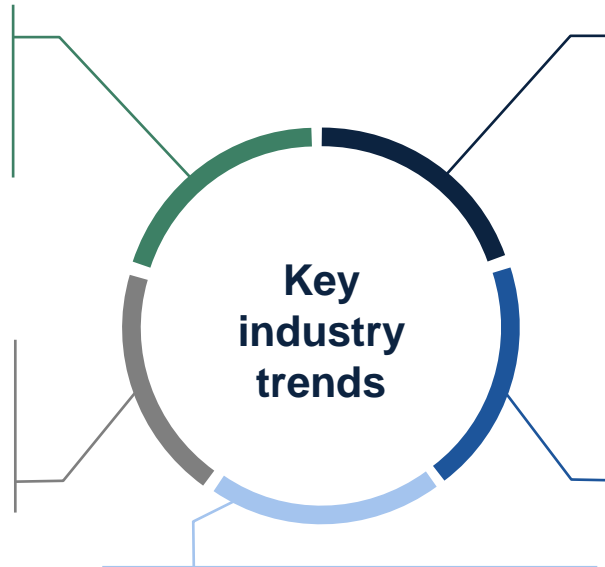
Electrification

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



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



Mercedes-Benz embraces open source to drive its digital ecosystem

Mercedes-Benz is driving the digital transformation. The use of Free and Open Source Software (FOSS) has played a decisive role in the development of vehicles and integrated software, but also in many other areas of the company (...)

<https://www.automotiveworld.com/news-releases/mercedes-benz-embraces-open-source-to-drive-its-digital-ecosystem/>

Carolina: the AI-based platform that helps spare parts dealers and garages

Mercedes-Benz has adopted the MO360 platform that will connect all plants globally: with AI it aims to make assembly lines more efficient and adaptable, depending on orders. AI and Augmented Reality applications are also becoming (...)

<https://www.sicurauto-it.cdn.ampproject.org/c/s/www.sicurauto.it/b2b-auto-flotte/carolina-la-piattaforma-basata-su-ai-che-aiuta-ricambisti-e-officine/amp/>

Amazon enters the automotive industry: in the US from 2024 it will be possible to order Hyundai vehicles online

Amazon will allow customers in the US to order Hyundai vehicles online starting next year, according to an announcement by both companies on Thursday. Amazon is thus entering the automotive industry by offering a direct-to-consumer option that (...)

<https://forbes.it/2023/11/17/dal-2024-su-amazon-si-potra-ordinare-online-una-hyundai/>



News on key industry trends

Electrification



Tesla sells supercharger hardware to BP: turning point for the two companies' business

Tesla and BP have signed a major agreement worth over USD 100 million whereby Elon Musk's brand grants the British oil giant the hardware for its powerful superchargers. (...)

<https://amp24-ilsole24ore-com.cdn.ampproject.org/c/s/amp24.ilsole24ore.com/pagina/AFIEIPRB>

Enphase enters the e-mobility market with the IQ EV Charger wall box

Enphase, a company active in the development of energy efficiency products and solutions (including microinverters and storage systems), has officially entered the e-mobility market with the launch of the new IQ EV Charger wall box (...)

<https://e-ricarica.it/enphase-entra-nel-mercato-e-mobility-con-la-wall-box-iq-ev-charger/>

Hyundai and the electric revolution: building the largest car factory in the world

The Ulsan plant is to launch a dedicated production line for 200.000 electric cars per year in 2026. The Ulsan plant is already by far the largest in the world, with 1.4 million cars assembled by 2022 (...)

<https://insideevs-it.cdn.ampproject.org/c/s/insideevs.it/news/695865/hyundai-ulsan-auto-elettrica/amp/>



News on key industry trends

Connectivity



Porsche deepens infotainment partnership with Google

Porsche has expanded its partnership with Google and will offer the tech giant's services for navigation, speech, and app ecosystem in future vehicle generations. The OEM confirmed plans to begin producing vehicles with these integrated services (...)

<https://telematicsnews.info/2023/10/31/porsche-deepens-infotainment-partnership-with-google/>

Stellantis and Nauto partner to introduce vehicle safety solution specifically designed for fleet customers

Through this partnership, Stellantis aims to empower fleet owners with a best-in-class vehicle safety solution that provides real-time alerts to help prevent collisions, promotes safer driving behaviors, and helps reduce collision losses (...)

<https://www.automotiveworld.com/news-releases/stellantis-and-nauto-partner-to-introduce-vehicle-safety-solution-specifically-designed-for-fleet-customers/>

Future of Mobility: In-car gaming could be the new entertainment for cars

As the automotive industry moves towards autonomous and high-connected mobility, technology is becoming synonymous with mobility. A new features for gamers is developing the cockpit of the future where they could experience and enjoy (...)

<https://auto.economictimes.indiatimes.com/news/auto-technology/future-of-mobility-in-car-gaming-could-be-the-new-entertainment-for-cars/105446547>



News on key industry trends

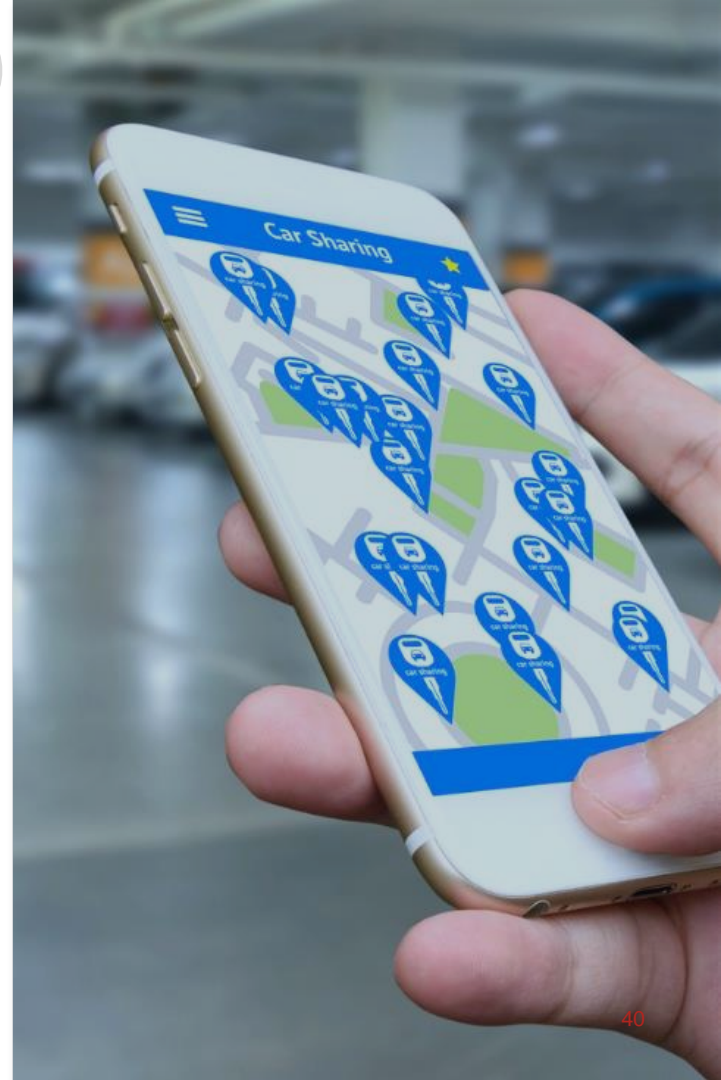
Mobility Services



Auting launches the first zero-cost long-term rental service

The car sharing platform for private individuals has created an offer available throughout Italy that allows you to fully repay the rental fee of your own long-term rental car (...)

https://www.fleetmagazine.com/auting-noleggio-a-lungo-termini-gratis/?utm_source=social&utm_medium=linkedin



News on key industry trends

Sustainability



Volvo Cars launches new Energy Solutions business, embracing wider climate potential of electric cars

It's a completely new business unit that will offer energy storage and charging-related technologies and services which form the connective tissue between our cars, our customers' lives, the efficient use of energy and society at large (...)

<https://www.automotiveworld.com/news-releases/volvo-cars-launches-new-energy-solutions-business-embracing-wider-climate-potential-of-electric-cars/>

Polestar 2 gets increased range, efficiency and performance alongside a lower carbon footprint for 2024

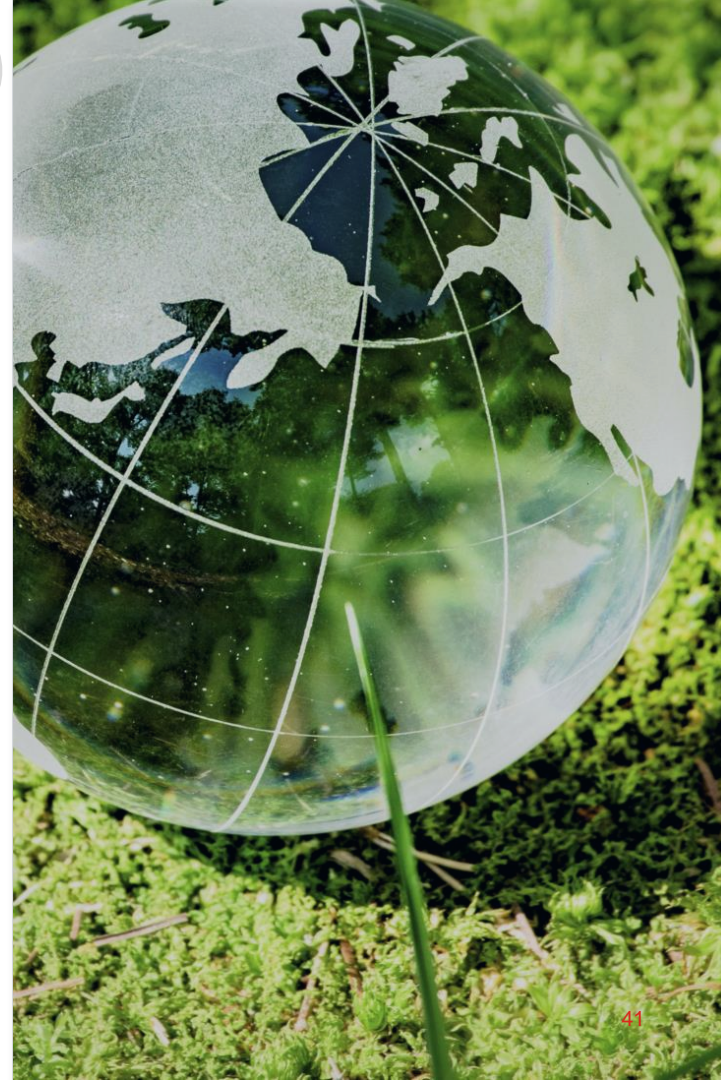
Polestar has improved the range, efficiency and performance of Polestar 2 while simultaneously reducing its carbon footprint as part of significant updates for the 2024 model year, which will start from \$93,990, available to order from 9 November (...)

<https://www.automotiveworld.com/news-releases/polestar-2-gets-increased-range-efficiency-and-performance-alongside-a-lower-carbon-footprint-for-2024/>

Ampere, the European challenger: a story of tech and EV excellence to foster sustainable growth

Ampere was set up with a roadmap to integrate ESG throughout its value chain – in the products and services developed by the company, but also in its processes, creating a low-carbon circular economy (...)

<https://www.automotiveworld.com/news-releases/ampere-the-european-challenger-a-story-of-tech-and-ev-excellence-to-foster-sustainable-growth/>



Thank you.

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