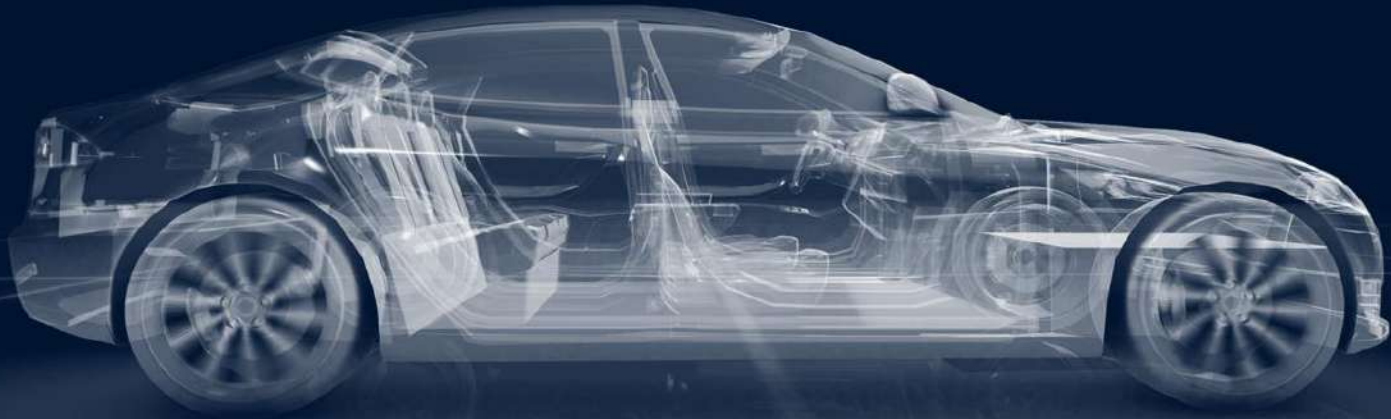


BIP AutoObserver

Analysis of new car registrations

February 2023



Executive Summary

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



Europe*

+12,2%

Top Countries by growth of new registrations: 26 countries grew in February 2023 compared to February 2022, the highest rates for Greece (+46,2%), Portugal (+43,0%). Only 5 Countries decreased, the main drops for Norway (-42,3%) and Sweden (-19,5%).

Top 3 Countries by market share: Germany 21,2% (-2,4 p.p.), Italy 14,3% (+0,8 p.p.) and France 13,1% (-0,3 p.p.) in February 2023 YTD compared to February 2022 YTD.

Brands: among the **Top 15 by volume**, the highest growth comparing February 2023 to February 2022 for Dacia (+46,6%), Volkswagen (+19,0%) and Skoda (+18,5%), while highest decrease for Opel (-4,7%) and Citroen (-3,0%)

Premium brands:** only **BMW** decreased both in the month of February 2023 and YTD (-2,2%, -2,9%), while its competitors increased: **Mercedes-Benz** (+5,4%, +9,2%) and **Audi** (+19,3%, +14,7%)



Italy

+17,5%

Areas monthly results: North-East +18,6%, North-West +18,0%, Center +24,7%, South +10,4% and Islands -7,0%, comparing February 2023 to February 2022

Customer segments: Retail +6,3%, Fleet +61,6% and Business +10,4% February 2023 vs February 2022

Brands: considering YTD results, among the **Top 15 by volume** only **Ford**, **Peugeot** and **Opel** decreased (-17,4%, -14,0% and -10,5); all the other brands registered an increase, the main for **Volkswagen** (+48,0%) and **Jeep** (+39,1%)

Premium brands:** all **German Premium brands** increased in February 2023 compared to February 2022 both monthly and YTD: Audi (+27,3% monthly and +38,3% YTD), Mercedes-Benz (+23,7% monthly and +29,7% YTD) and BMW (+4,6% monthly and 3,9% YTD)



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* – February 2023

European Markets*
new car registrations

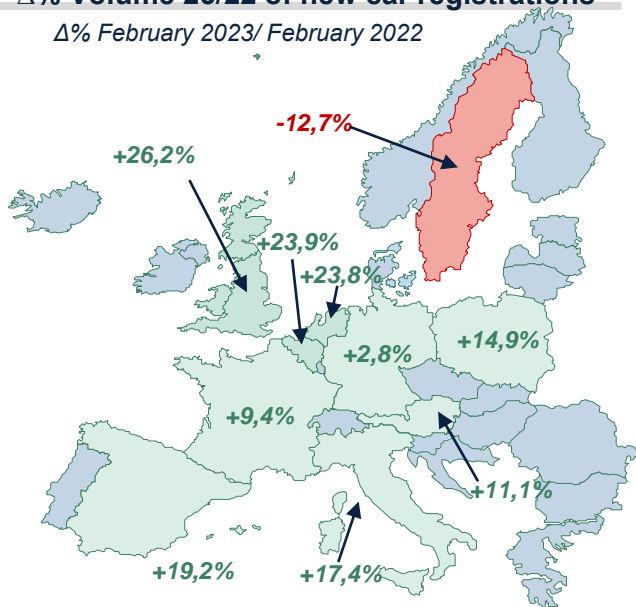
2022	804.414
2023	902.775

+12,2%



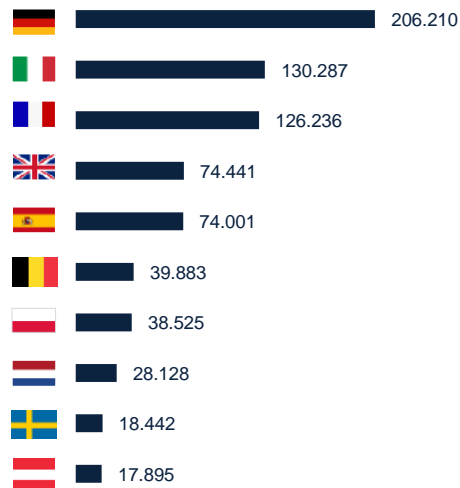
Δ% Volume 23/22 of new car registrations

Δ% February 2023/ February 2022



Number of EU new car registrations 2023

New car registration February 2023



! Highlights

- The European market (EU+UK+EFTA) **registrations** increased from 804.414 in February 2022 to 902.775 cars in February 2023
- In line with the previous months the **EU car market confirmed an overall increase in registrations.**
- The **highest rates** among the top 10 markets for:
 - United Kingdom (+26,2%)
 - Belgium (+23,9%)
 - Netherlands (+23,8%)

Europe | Market Overview

Top 10 European Markets* – February 2023 YTD

European Markets*
new car registrations

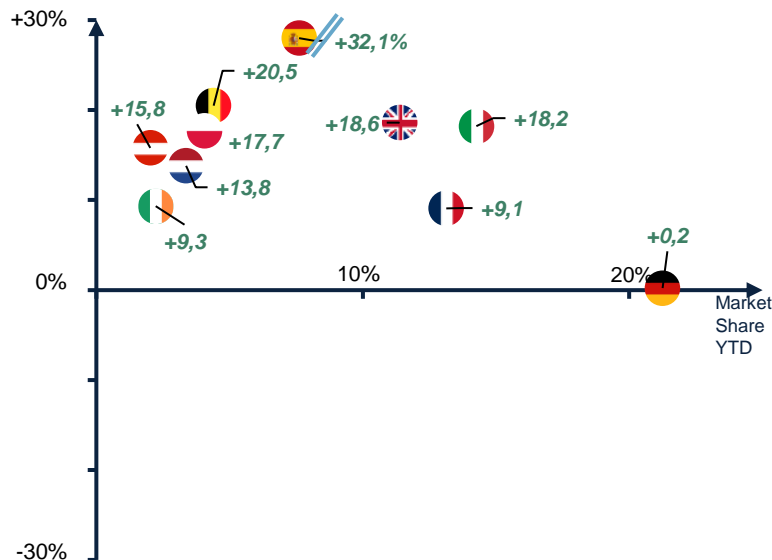
2022	1.627.193
2023	1.814.048

+11,5%



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

Δ % Volume February 23/22



#	Country	MS February 2023 YTD	Δ VS 2022	Sales Volume February 2023 YTD
1	GER	21,2%	+0,2%	385.457
2	ITA	14,3%	+18,2%	258.724
3	FRA	13,1%	+9,1%	238.175
4	UK	11,4%	+18,6%	206.435
5	SPA	7,6%	+32,1%	138.039
6	BEL	4,4%	+20,5%	79.730
7	POL	4,1%	+17,7%	73.571
8	NET	3,4%	+13,8%	60.973
9	IRL	2,2%	+9,3%	40.435
10	AT	2,0%	+15,8%	36.745

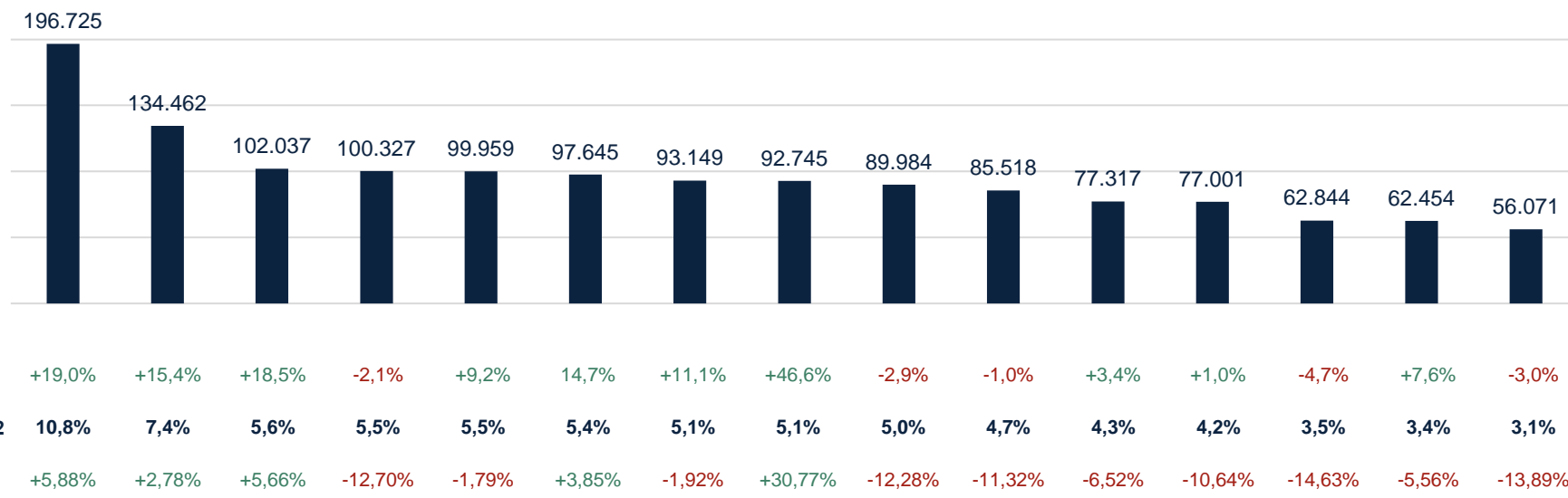
! Highlights

- Most Countries registered a growth, **26 out of 31 increased in February 2023** compared to February 2022 YTD, with significant results for **Greece (+46,2%)** and **Portugal (+43,0%)**. Only 5 countries decreased, with the highest decline for Norway (-42,3%) and Sweden (-19,5%).
- **Italy** market share continued to **grow** (14,3%), preceded only by Germany (21,2%) and above France compared to last month

Europe | New car registrations by brand



Top 15 – February 2023 YTD



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



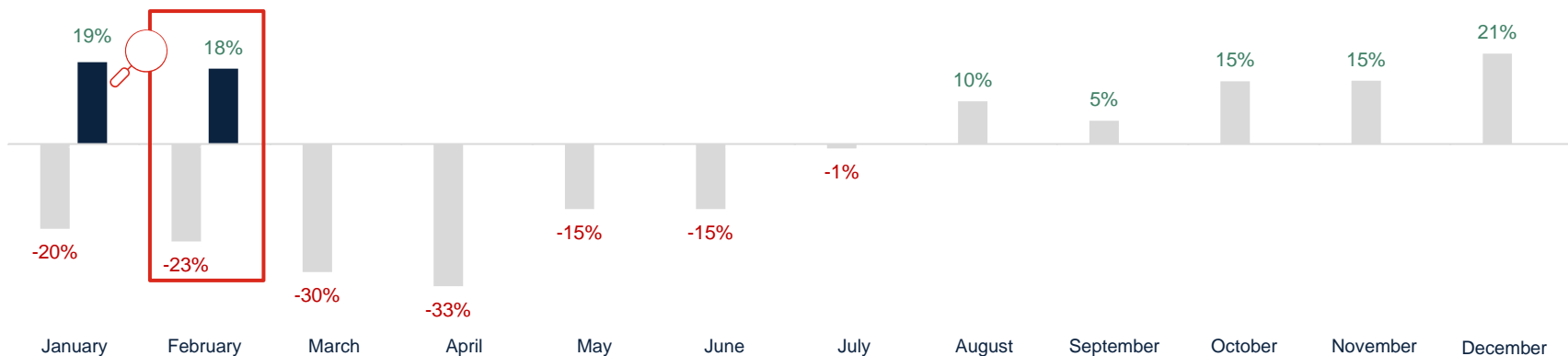
Italian Market – Variation of new car registrations 2023 vs 2022

February 2023 Highlights

The market **recovery phase continued** in **February 2023**, with 130.365 new registrations: **+17,5%** compared to February 2022, in line with the **recovery in production**, hence in the new car availability. The **positive trend**, started in August 2022, is consolidating, although the pre-pandemic levels are still far away. Among fuel types, **LPG** (+1,9 p.p.) and **EV** (+2,4 p.p.) market shares continued to grow. Regarding **EV**, the **growth** was still **strongly driven by HEV** that represented in February the 36,5% of cars sold (+2,2 p.p. vs the same month of the previous year) and in small part by BEV (+0,9 p.p. vs Feb-22, however still with a low market share of 3,7%), while PHEV decreased its incidence (market share -0,7 p.p.).

Fleet growth is no longer news: **+61,6%** considering January and February 2023, compared to the **YTD 2022**.

In terms of car manufacturers, **Chinese car growth continued** with MG and Link&Co registering impressive YTD results in comparison with 2022 (+246,2% and +147,5% respectively) however with market shares still below 1% (0,94% MG and 0,35% Link&Co); **Volkswagen** recorded a +48,0% YTD increase, **the highest among the top brands**, followed by Jeep, Audi, Dacia and Toyota; on the other hand, Ford, Peugeot and Opel declined on a YTD perspective.



■ 2021/2022 ■ 2022/2023

Italy | Market Overview

Italian Market – February 2023 vs February 2022

Italy New Car Registrations

2022

110.915

17,5%

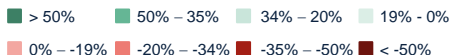
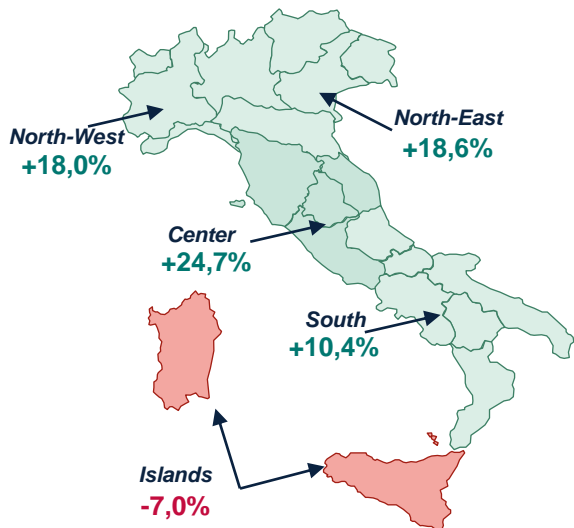


2023

130.365

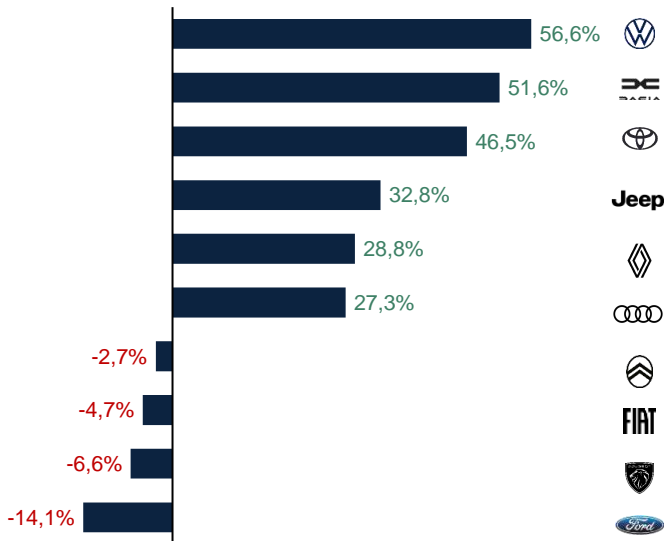
Δ% Volume 23/22 of New Car Registrations

Δ% February 2023/ February 2022



Growth of Top 10 Brands by Volumes

Δ% February 2023/ February 2022



! Highlights

- In February 2023, the Italian Market confirmed the positive result of Jan 23, with an increase of +17,5% compared to February 2022
- **The highest growth for Volkswagen (+56,6%), Dacia (+51,6%) and Toyota (+46,5).**
- Considering the top 10 brands by volume, **Ford (-14,1,%) and Peugeot (-6,6%)** maintained the last two positions in the ranking
- Finally, with respect to February 2022, every region of the Italian Market recorded a significant increase, except for the islands, which showed a decrease (-7,0%).

Italy | Market Overview

Italian Market – February 2023 YTD vs February 2022 YTD

Italy New Car Registrations (YTD)

2022
2023

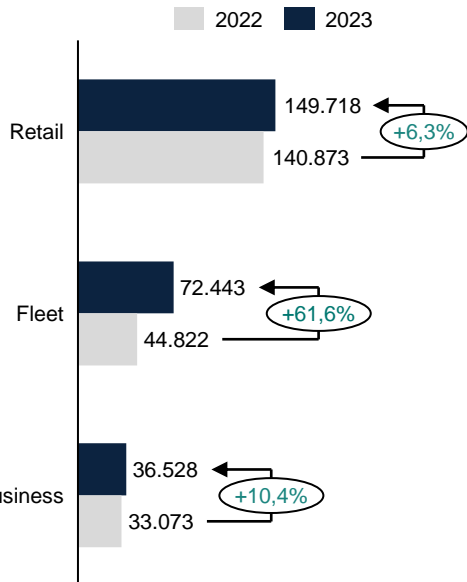
218.768
258.689

18,2%



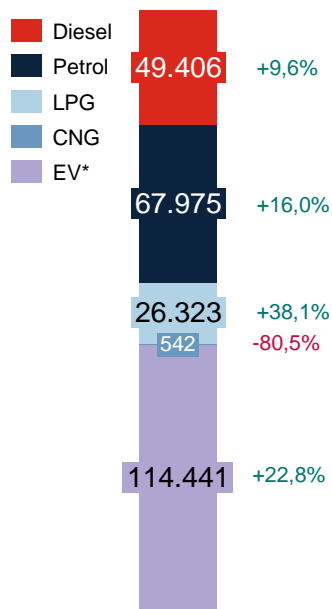
Analysis by “Customer Segment”

Registration YTD '23/'22



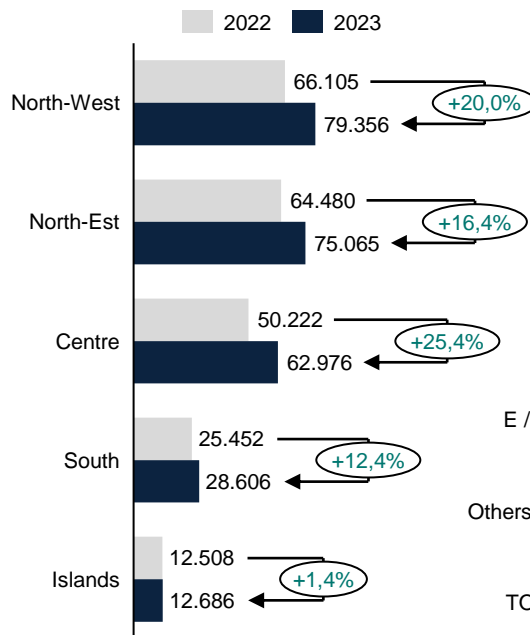
Analysis by “Fuel Type”

Registration YTD '23



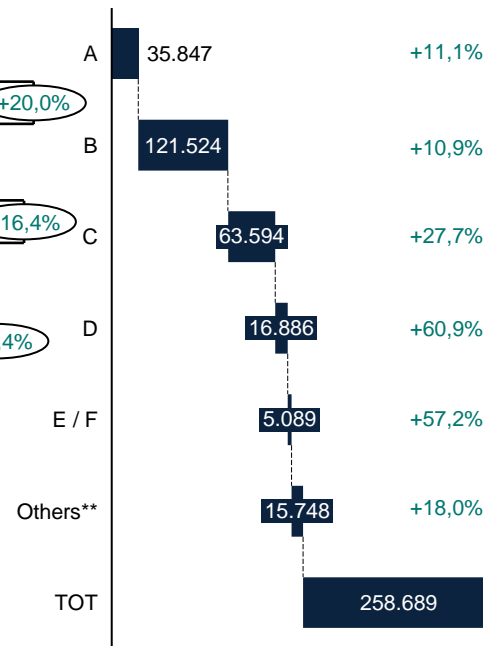
Analysis by “Geographical Area”

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

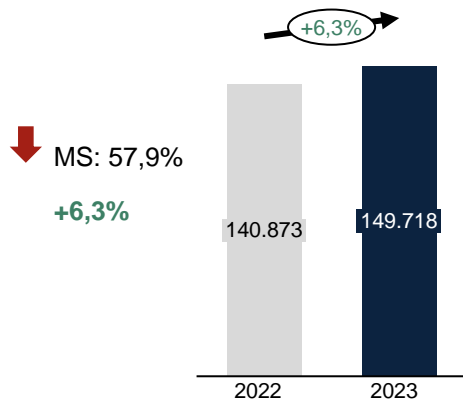
Italy | Market Highlights

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

Italy New Car Registrations (YTD)

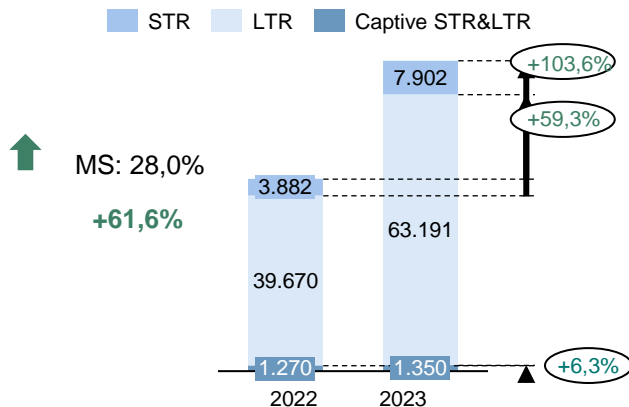
2022	218.768	18,2%	
2023	258.689		

Retail (Private Customers)



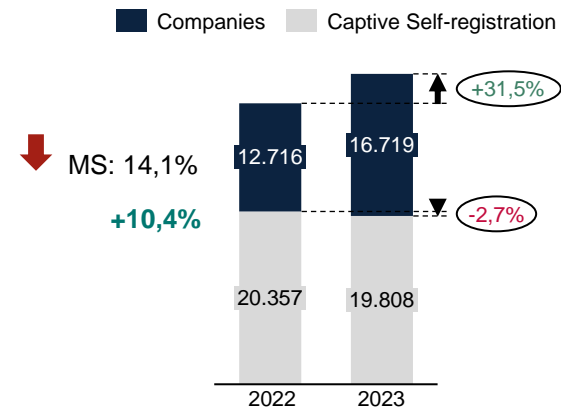
- Compared to **February 2022 YTD**, in **2023**, the **Retail** segment registered an increase of 6,3% (8.845 additional units sold) and a decrease in its YTD Market Share with respect to February 2022 (57,9% in February 2023 vs. 64,4% in February 2022, -6,5 p.p.)

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



- Captive STR<R** (+6,3%), **LTR** (+59,3%) and **STR** (+103,6%) registered an increase in **February 2023 vs. 2022 YTD**. The **Market share** of **Captive STR<R** (0,5% in February 2023 YTD vs 0,6% in February 2022 YTD) decreased, while the market share of **LTR** (24,4% in February 2023 YTD vs 18,1% in February 2022 YTD) and **STR** (3,1% in 2023 vs 1,8% in 2022) increased

Business (Company registrations**)



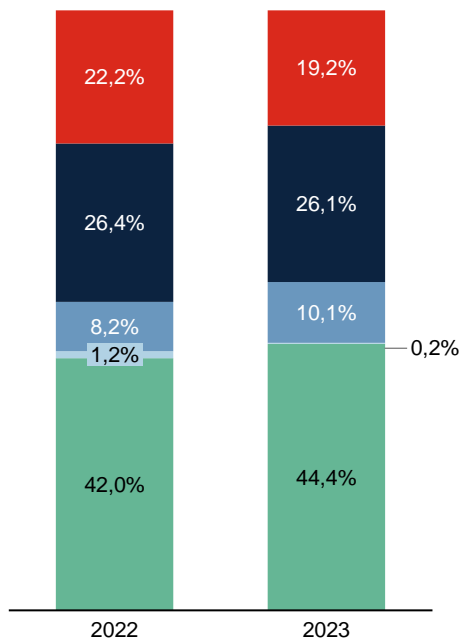
- Compared to **February 2022 YTD**, the increase of the **Business segment** registrations in **February 2023** is related to the increase in **Companies registrations** (+31,5% or 4.004 additional units sold), while the **Captive self-registrations** (-2,7% or -549 units sold) decreased

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



“Fuel Type” mix evolution (Market Share)

■ Diesel
 ■ Petrol
 ■ LPG
 ■ CNG
 ■ HEV+PHEV+BEV



	HEV	PHEV	BEV
MS			
February '22	34,3%	4,9%	2,8%
MS			
February '23	36,5%	4,2%	3,7%
MS Delta			
February '23 vs. '22	+2,2 p.p.	-0,7 p.p.	+0,9 p.p.

- **EVs Market Share continued to grow confirming the trend of the last month of 2022**, while Petrol (-0,3 p.p. in February 2023 compared to 2022) and Diesel (-3,0 p.p. in February 2023 compared to 2022) decreased
- **EVs increased** their market share from 42,0% up to 44,4%; however, the EV trend is mainly driven by **mild hybrid vehicles (HEVs)** and **battery electric vehicles (BEVs)** while PHEVs decreased their Market Share (-0,7 p.p.)

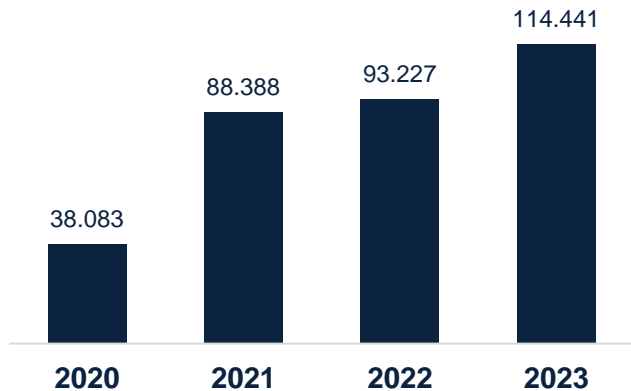
Italy | New car registrations by fuel type



New car registrations of Hybrid vs Pure Electric vehicles

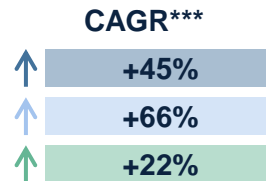
EV Registrations Trend February '23 YTD

Delta YoY	105%	132%	5%	23%
M.S.	12%	32%	43%	44%

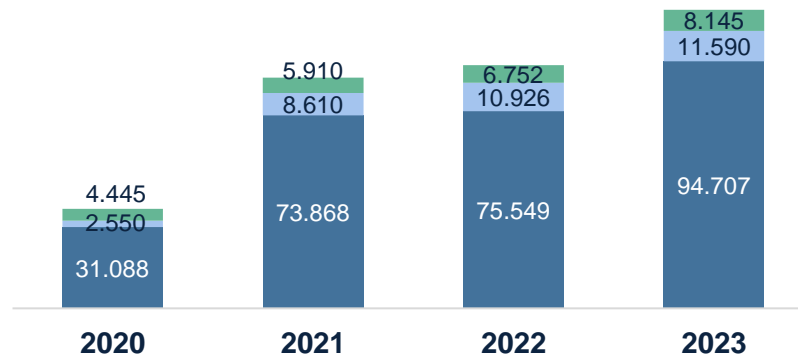


HEV*, PHEV* and BEV** Vehicles Trend February '23 YTD

■ HEV ■ PHEV ■ BEV



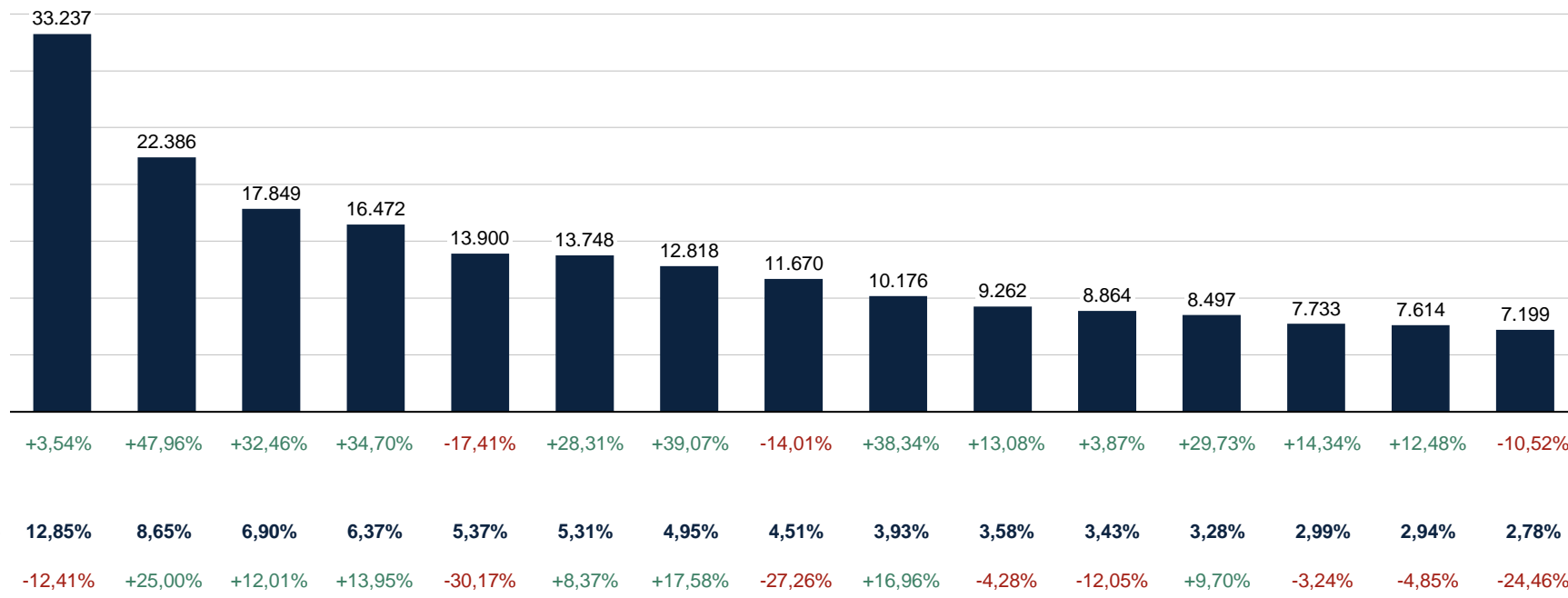
EV MS grew in 2023 compared to 2022; in February 2023 registrations increased compared to 2022



Italy | New car registrations by brand



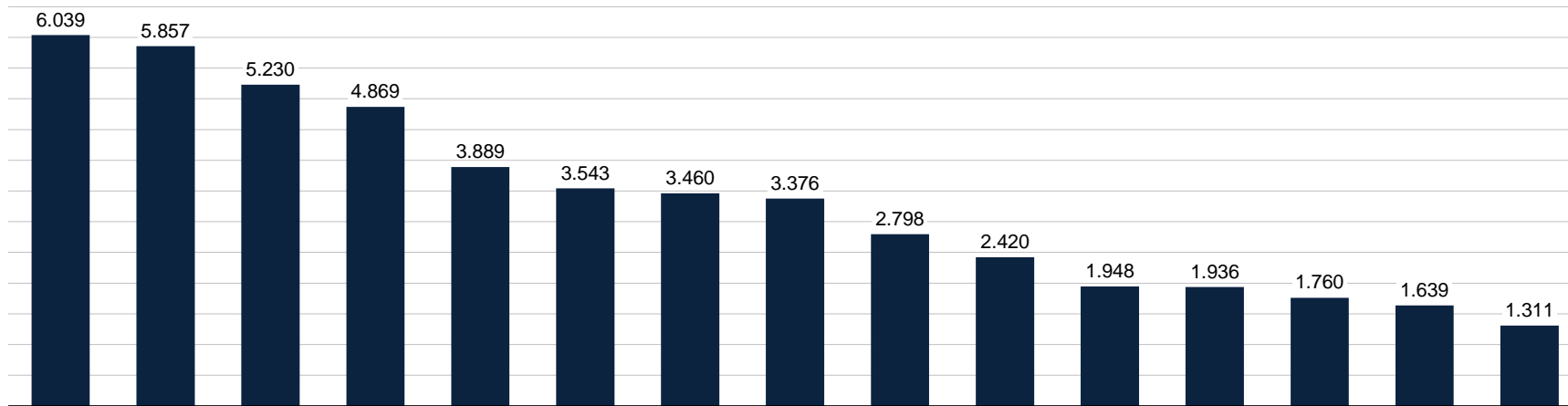
New car registrations by brand – February 2023 YTD (1/3)



Italy | New car registrations by brand



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



Brand	Δ Vol. 23/22
LANCIA	-15,64%
NISSAN	+45,52%
KIA	+38,73%
SUZUKI	-3,34%
dr	+112,40%
ALFA ROMEO	+164,01%
MAZDA	+97,94%
MINI	-4,52%
VOLVO	+40,46%
MG	+246,21%
CUPRA	+134,70%
SEAT	-17,44%
LAND ROVER	+80,51%
TESLA	+427,01%
PORSCHE	+25,10%

Brand	M.S. '23
LANCIA	2,33%
NISSAN	2,26%
KIA	2,02%
SUZUKI	1,88%
dr	1,50%
ALFA ROMEO	1,37%
MAZDA	1,34%
MINI	1,31%
VOLVO	1,08%
MG	0,94%
CUPRA	0,75%
SEAT	0,75%
LAND ROVER	0,68%
TESLA	0,63%
PORSCHE	0,51%

Brand	Δ M.S. 23/22
LANCIA	-28,75%
NISSAN	+22,83%
KIA	+17,44%
SUZUKI	-18,26%
dr	+78,57%
ALFA ROMEO	+124,59%
MAZDA	+67,50%
MINI	-19,14%
VOLVO	+18,68%
MG	+193,75%
CUPRA	+97,37%
SEAT	-29,91%
LAND ROVER	+51,11%
TESLA	+350,00%
PORSCHE	+6,25%

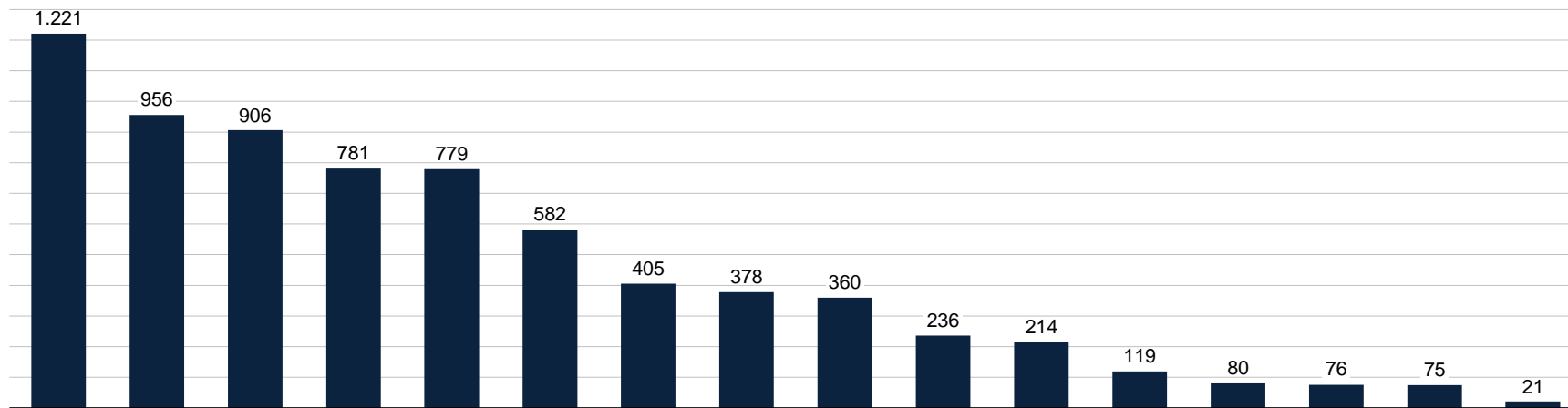


Source: UNRAE

Italy | New car registrations by brand



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



Δ Vol. 23/22: +43,99% -26,23% +147,54% -35,61% +32,48% +150,86% -40,27% +234,50% +8,43% -18,34% -27,95% -4,80% -18,37% +76,74% -18,48% +90,91%

M.S. '23: 0,47% 0,37% 0,35% 0,30% 0,30% 0,22% 0,16% 0,15% 0,14% 0,09% 0,08% 0,05% 0,03% 0,03% 0,03% 0,01%

Δ M.S. 23/22: +20,51% -37,29% +105,88% -45,45% +11,11% +100,00% -48,39% +200,00% -6,67% -30,77% -42,86% -16,67% -25,00% +50,00% -25,00% +0,00%



Source: UNRAE

Italy | New car registrations by group



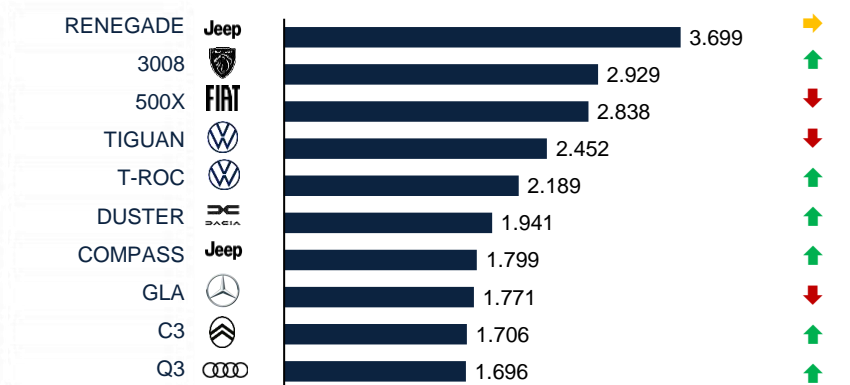
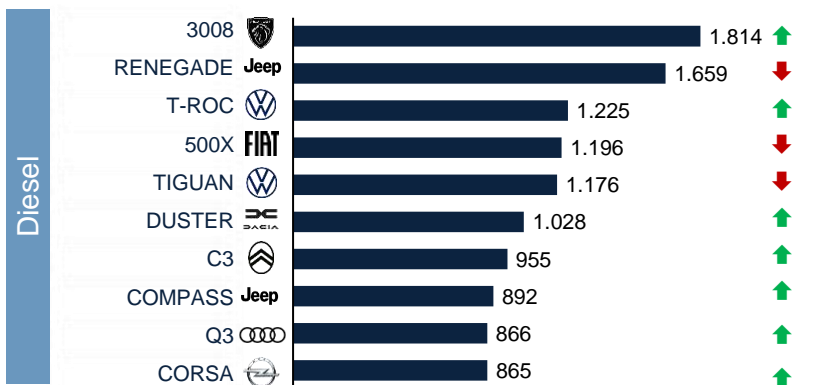
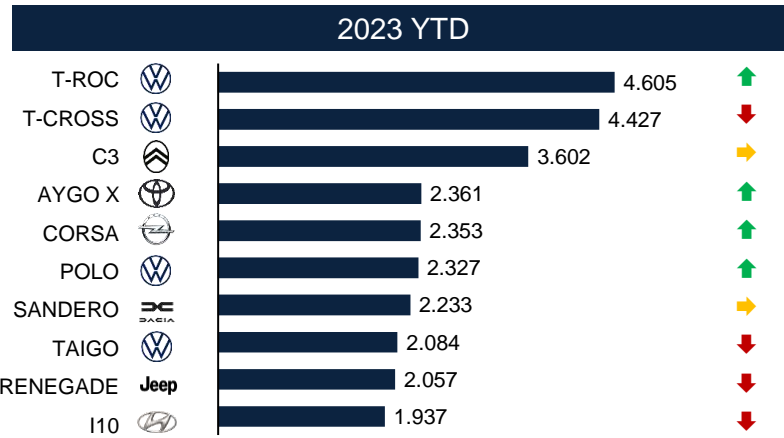
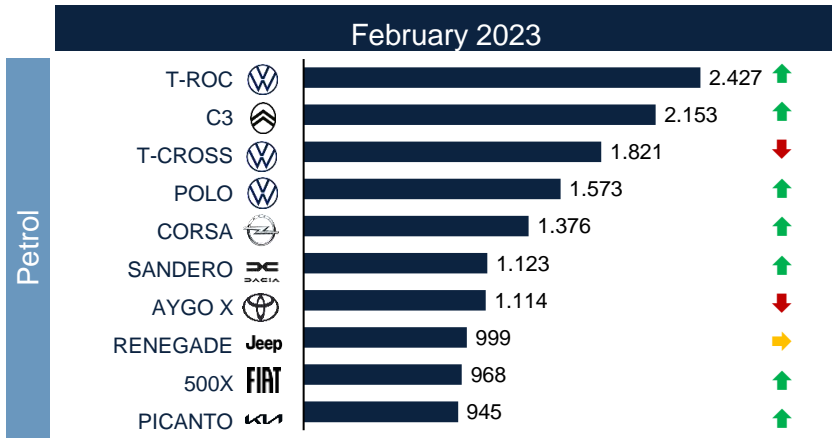
New car registrations by group – Top 15 – February 2023 YTD

	Group	Brand	Volume	Δ% Volume '23 vs '22	Market Share (%)
1	Stellantis		85.571	6,0%	33,1%
2	Volkswagen		41.752	41,7%	16,1%
3	Renault		30.220	31,7%	11,7%
4	Toyota		18.254	29,0%	7,1%
5	Ford		13.900	-17,4%	5,4%
<i>Top 5: 73,4%</i>					
6	BMW		12.240	1,4%	4,7%
7	Mercedes-Benz		9.276	30,0%	3,6%
8	Kia		7.733	14,3%	3,0%
9	Hyundai		7.614	12,5%	2,9%
10	Nissan Group		5.857	45,5%	2,3%
<i>Top 10: 89,9%</i>					
11	Suzuki		4.869	-3,3%	1,9%
12	DR Group		4.670	53,4%	1,8%
13	Mazda		3.460	97,9%	1,3%
14	Volvo		2.798	40,5%	1,1%
15	MG		2.420	246,2%	0,9%

Italy | New car registrations by fuel type



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



Source: UNRAE

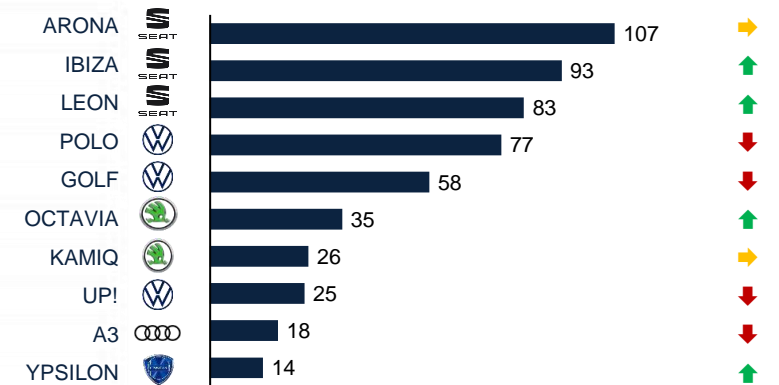
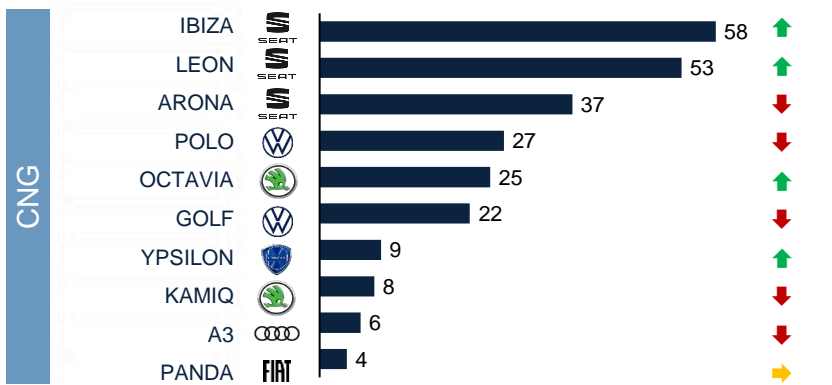
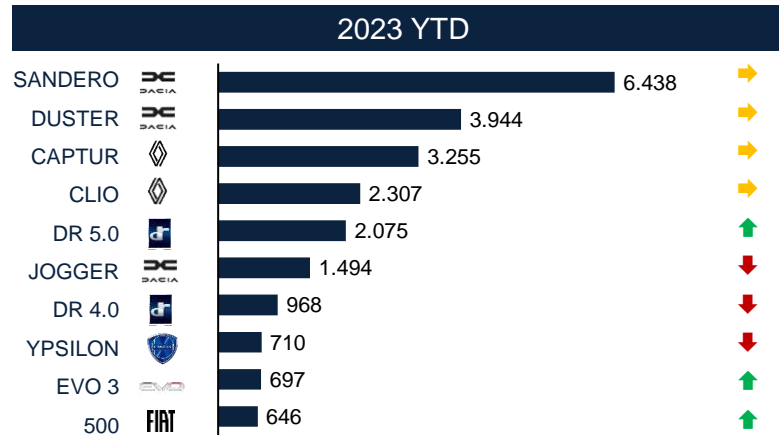
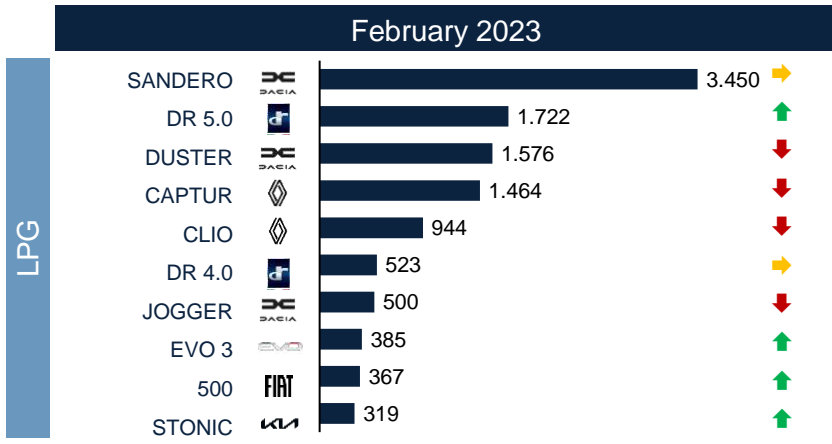


Ranking variation compared to previous period

Italy | New car registrations by fuel type



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



Source: UNRAE

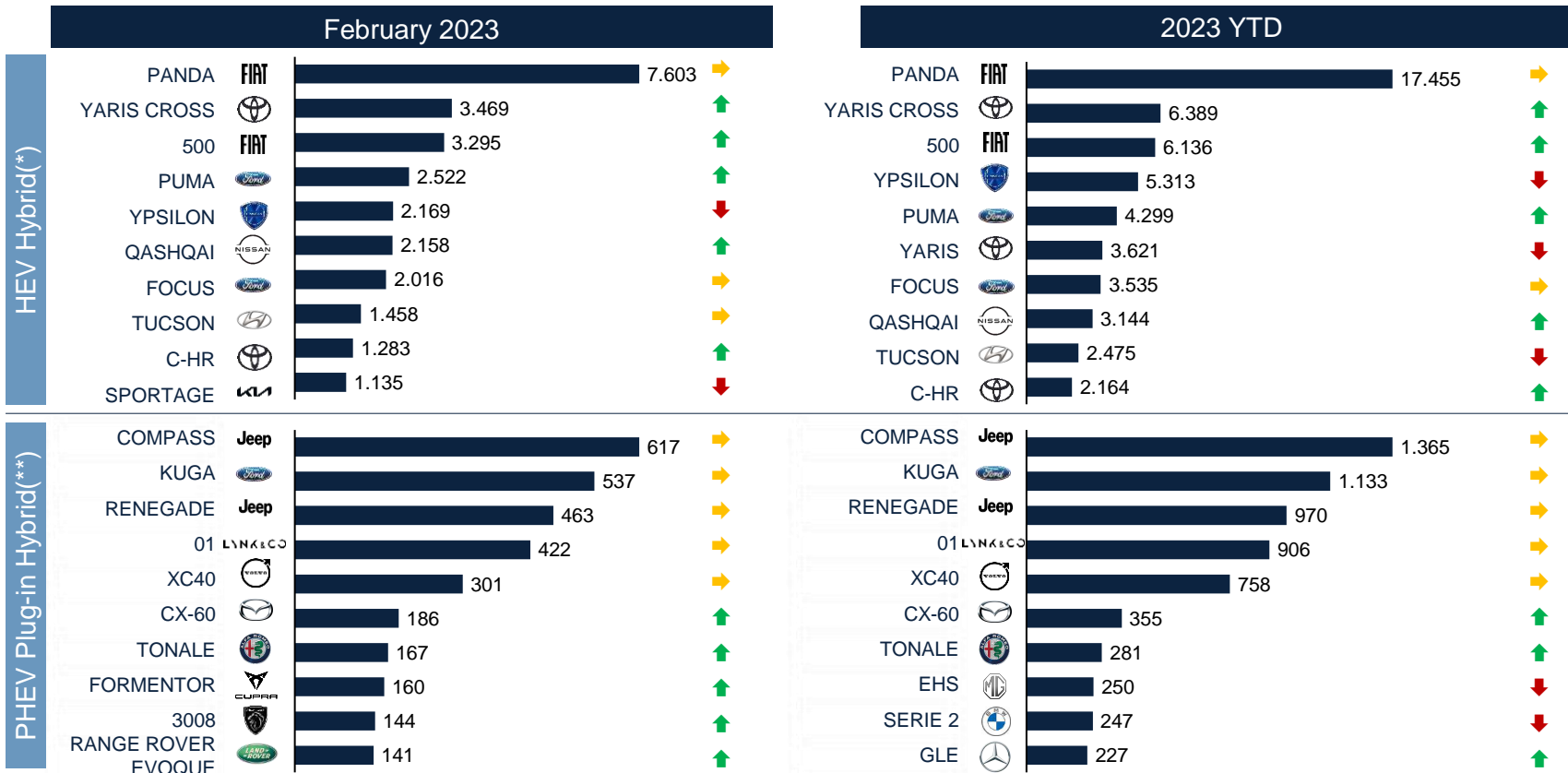


Ranking variation compared to previous period

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)

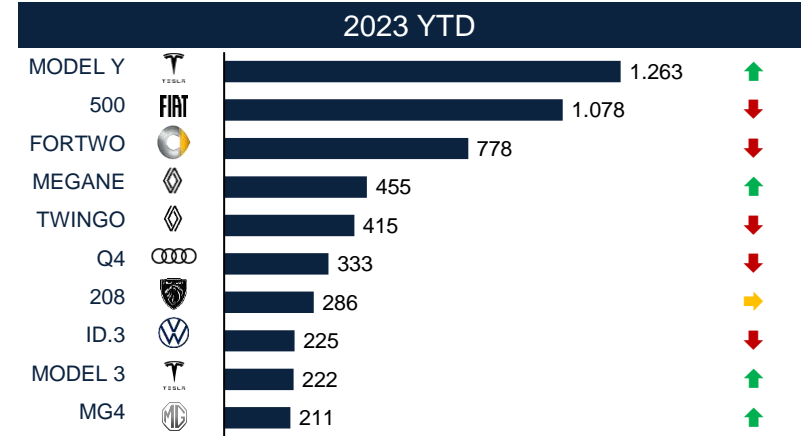
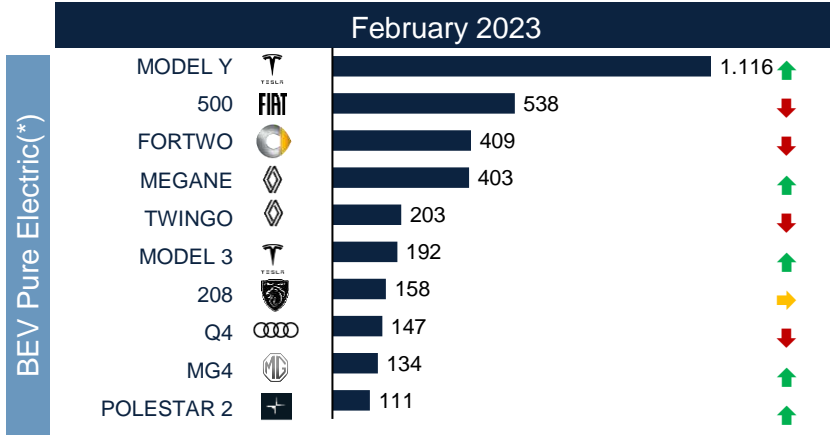


Ranking variation compared to previous period

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»



-1,0 p.p.

B
«Supermini»



-3,1 p.p.

C
«Medium»



1,9 p.p.

D
«Executive»



1,7 p.p.

E/F
«Luxury &
Ultra Luxury»



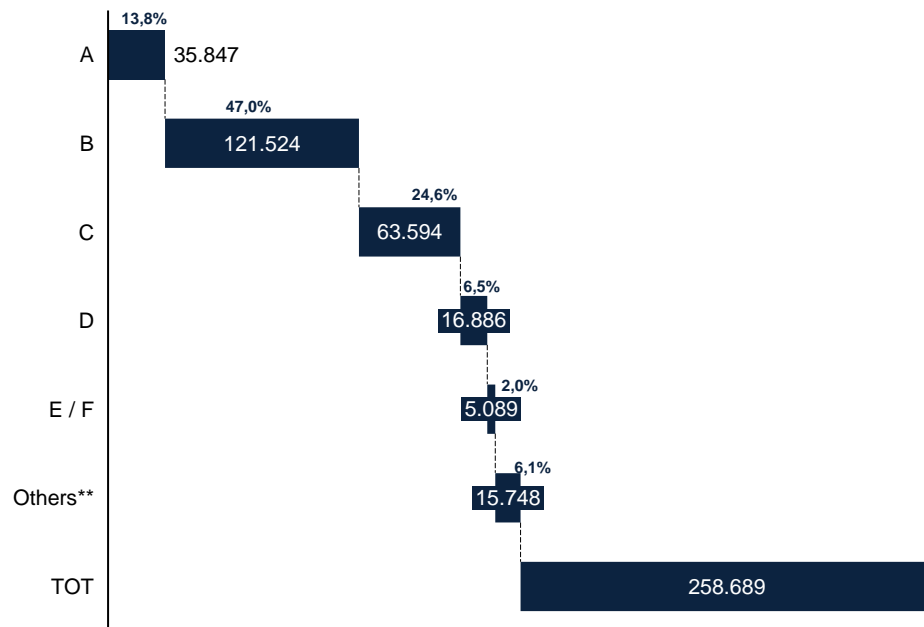
0,5 p.p.

Others
«Station wagon,
MPV, Sportive»



0,0 p.p.

Market Share and Volume**



Italy | New car registrations by segment

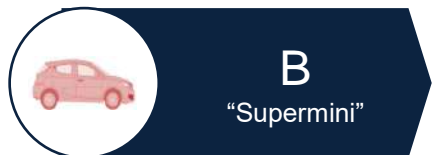
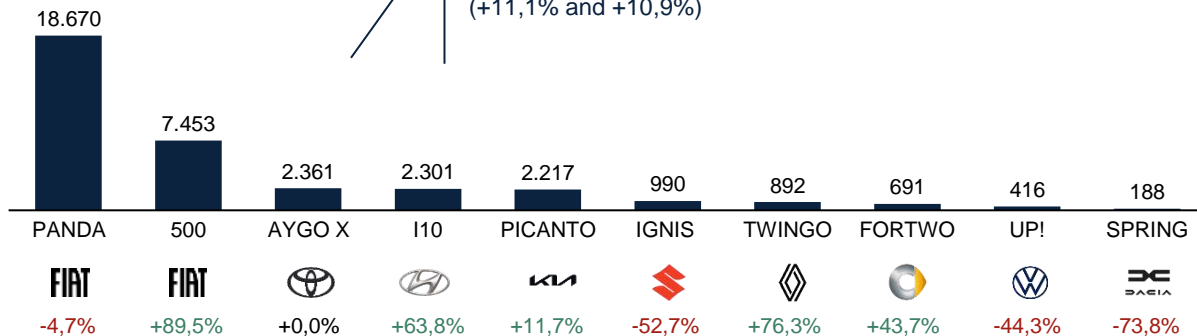


Segment A and Segment B – Top 10 – February '23 YTD

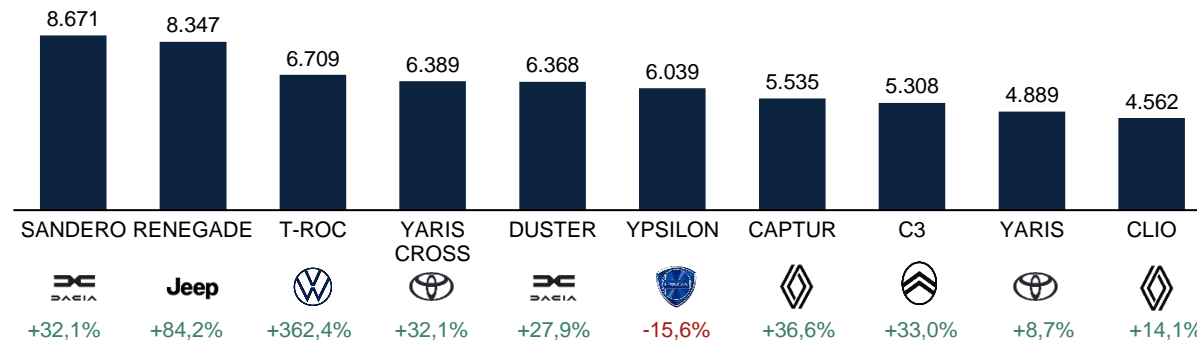
In terms of **MS**, in February 2023 YTD both **Segment A** and **Segment B** registered a decrease (-1,0 p.p. and -3,1 p.p.) vs February 2022. Considering the volumes, in February 2023 both **Segment A** and **Segment B** increased vs. February 2022 (+11,1% and +10,9%)



Δ Vol. %
23/22 YTD



Δ Vol. %
23/22 YTD



Italy | New car registrations by segment

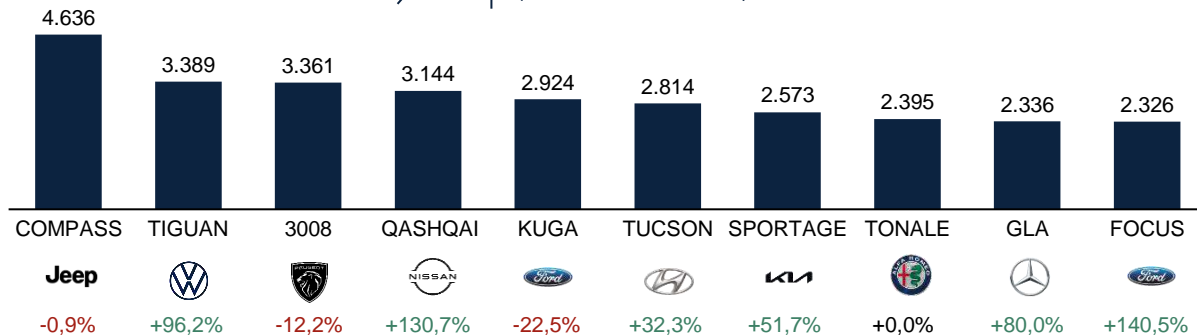
Segment C and Segment D – Top 10 – February '23 YTD



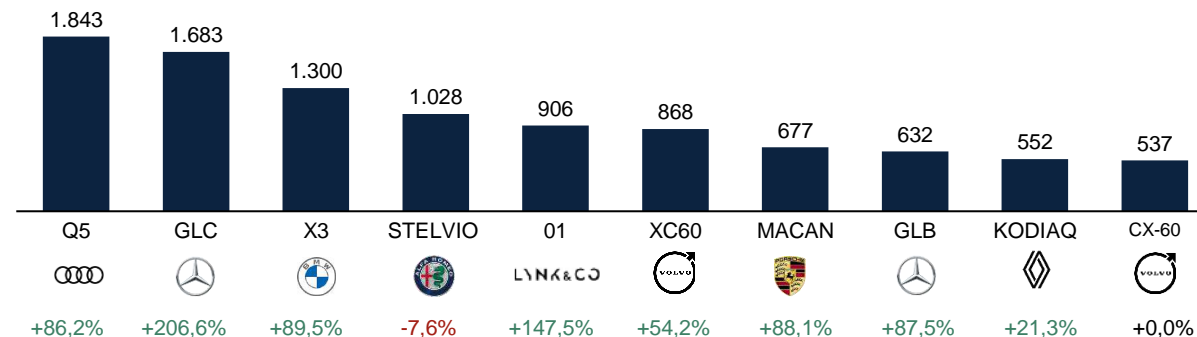
In terms of **MS**, in February 2023 YTD both **Segment C** and **Segment D** registered an increase (+1,9 p.p. and +1,7 p.p.) vs February 2022. Considering the volumes, in February 2023 YTD both **Segment C** and **Segment D** increased vs. February 2022 (+27,7% and +60,9%)



Δ Vol. %
23/22 YTD



Δ Vol. %
23/22 YTD



Italy | New car registrations by segment

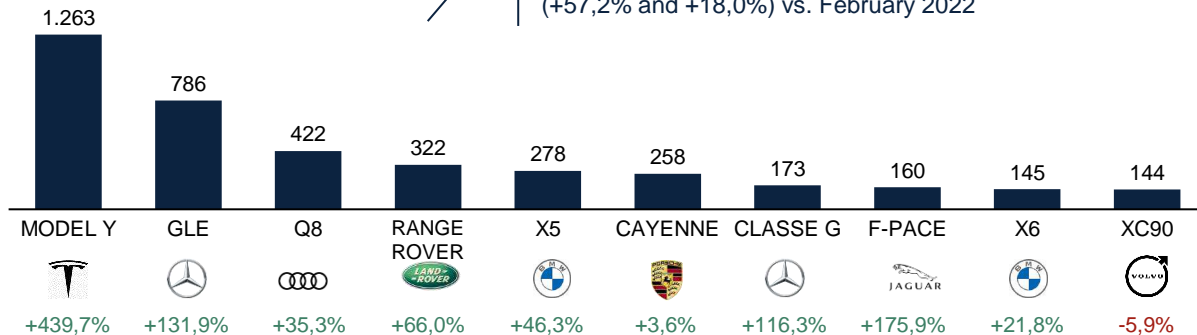


Segment E/F and Others – Top 10* – February '23 YTD

In terms of **MS**, in February 2023 YTD, **Segment E/F** registered an increase (+0,5 p.p.) while **Others** did not record any changes (+0,0 p.p.) vs February 2022. In terms of volumes, in February 2023 YTD both **Segment E/F** and **Others** increased (+57,2% and +18,0%) vs. February 2022

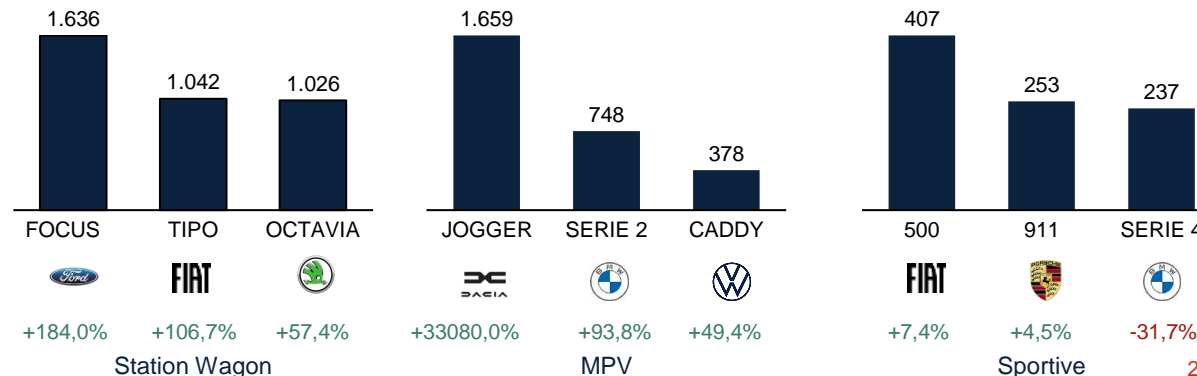
E/F
"Luxury & Extra Luxury"

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

04. Commercial & Industrial Vehicles

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 										Ioniq 6
Apr			A3 Allstreet 	X5 			Jogger Ecosmart 					Kuga 		
May				M2 						595 e 			Civic Type R 	
Jun				Serie 7 										Kona
Jul				M3CS 						B-Suv 			CR-V 	Santa Fe
Aug	Brennero 			X2, iX2 										
Sep	33 Concept 													
Oct				Serie 5 								E-Transit Custom 	ZR-V 	Ioniq 7
Nov												Mustang 		
Dec			Q6 e-tron 											

New Car Models Launches in Italy

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

	I	J	K	L	M	N						
Jan												
Feb									EQS SUV			
Mar						Gran Turismo/ Folgore			AMG C 63		ASX	
Apr									GLC Hybrid			
May		F-Type 75	Avenger e						EQE SUV			
Jun						Gran Cabrio/ Folgore						
Jul				EV9	Urus Evo			CX-80	GLE e GLE Coupé		Colt	
Aug					Aventador		Grecale/ Folgore		Classe G			
Sep									AMG GLC GLC Coupé			
Oct									GLA			
Nov									Maybach EQS SUV			
Dec			Recon							Countryman		

New Car Models Launches in Italy

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

	O		P	R	SEAT		S	SSANGYONG	Subaru	Suzuki	TESLA	Toyota	VW	VOLVO
Jan									Forester ✓					EX90 ✓
Feb		408 ✓		Austral ✓								Corolla ✓		
Mar	Astra GSe Astra-E						#1 →						Amarok	
Apr	Corsa		Cayenne	5 E-tech Electric									Touareg →	
May							Korando E Motion					BZ4x →		XC 20
Jun		e-308											ID.3 GTX	
Jul		e-308 sw				Elroq			Swift					
Aug			Macan EV	Gran Austral										
Sep			911 Safari				X200					CH-R	Tiguan	
Oct		3008 Mild Hybrid		Scenic E-Tech			Torres							
Nov		5008 Mild Hybrid											ID.Aero →	
Dec											Cybertruck →		Golf	



01. Europe

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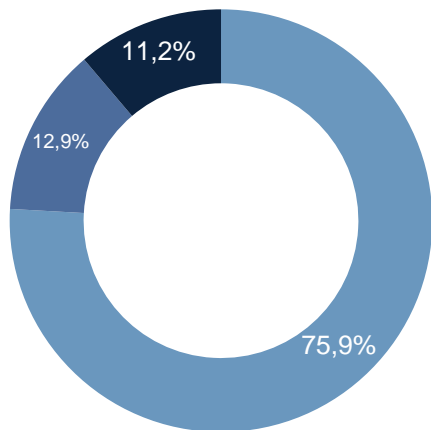
05. News on key industry trends



Commercial and Industrial Vehicles Highlights 2023

In **February 2023**, the **commercial and industrial vehicles Market** showed a **general growth** (even if lower than January), with a total of **18.953** new vehicles registered in the month (37.048 YTD). Commercial vehicles ($\leq 3,5t$) registered a decrease (-2,1%) in February 2023 compared to February 2022, instead, industrial vehicles registered an increase both in the **light mass segment $<16t$** (+3,8%) and in the **heavy mass segment $\geq 16t$** (+7,8%).

Vehicles YTD distribution by category



■ $\leq 3,5t$ ■ 3,5 t - 16t ■ $\geq 16t$

37.048

YTD registered vehicles

+4,9%

compared to 2022
registrations YTD
(35.313)

Commercial
vehicles YTD

28.114 +3,0% *

Light mass
vehicles YTD

4.782 +10,6% *

Heavy mass
vehicles YTD

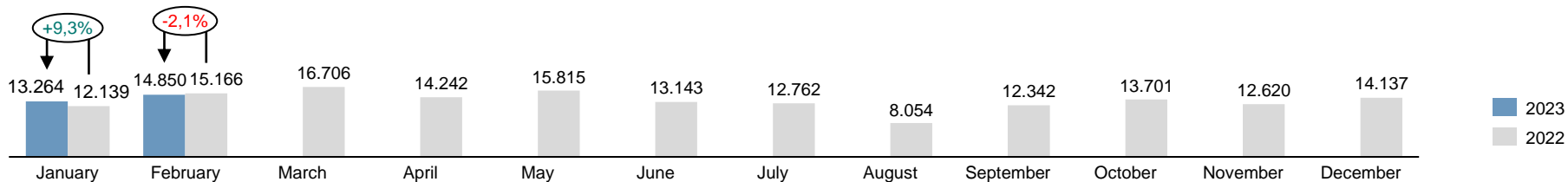
4.152 +12,7% *

Italy | New Vehicles registrations

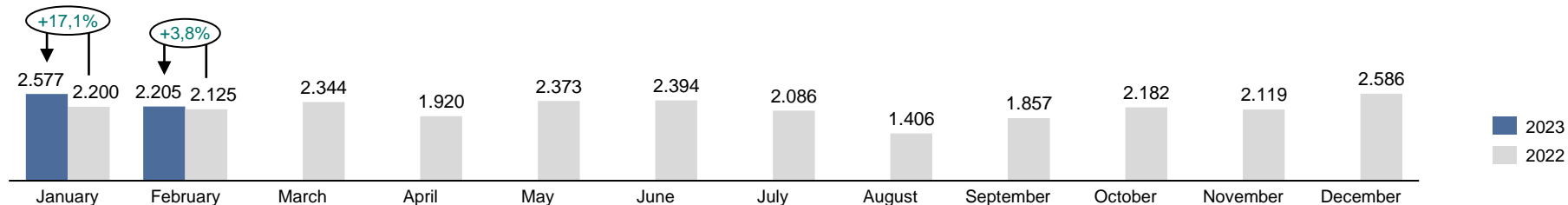


Italian Market - Commercial and Industrial vehicles Registration 2023 vs 2022 (2/2)

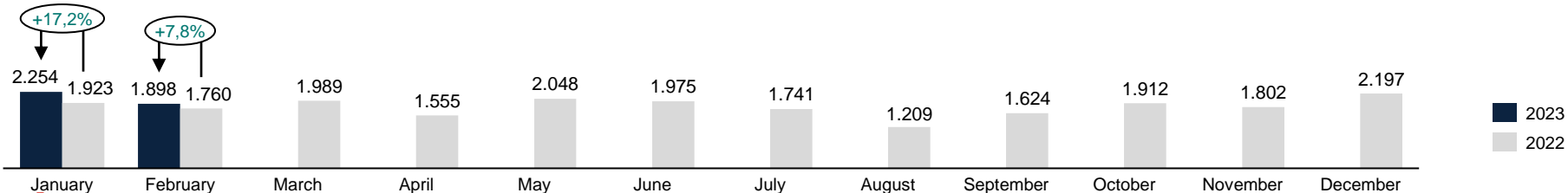
Commercial Vehicles ≤ 3,5t Monthly trend



Industrial Vehicles | Light mass segment 3,5t – 16t Monthly trend



Industrial Vehicles | Heavy mass segment ≥ 16t Monthly trend





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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 27/02/2023 to 20/03/2023



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



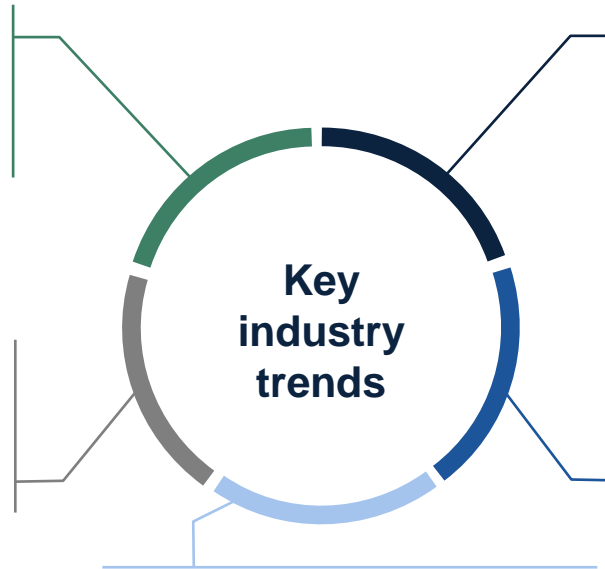
Electrification

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



How digital twins give automakers 'superpowers' on the factory floor

Spot, a robotic canine developed by Audi and NavVis, a German startup, carries a 3D laser scanner that information photos of each instrument and sq. meter. The pictures might be fused to create a digital twin of the manufacturing facility (...)

<https://autorecent.com/2023/03/05/how-digital-twins-give-automakers-superpowers-on-the-factory-floor>

A British start-up is developing augmented reality on windshields. And has raised 50 million from automotive bigwigs

Augmented reality may have found its definitive field of application: automotive. This is demonstrated by the success of Envisics, a British start-up that designs holographic technology capable of projecting information such as navigation and safety (...)

<https://forbes.it/2023/03/10/envisics-finanziamenti-milioni-startup/>



News on key industry trends

Electrification



The Stellantis 800 km platform will be produced in Cassino

Up to 800 kilometers of autonomy. This is the promise of STLA Large, one of the new platforms for Stellantis electric cars, which is preparing to land in Italy. In fact, the Group is announcing production of the architecture at its Cassino plant in Lazio, Italy (...)

<https://insideevs-it.cdn.ampproject.org/c/s/insideevs.it/news/656382/stla-large-piattaforma-stellantis-cassino/amp/>

Atlante and To Dream: more than 130 fast and ultra-fast charging points for Turin's innovative urban district

Atlante, the company dedicated to electric vehicles fast and ultra-fast charging infrastructure, becomes the exclusive partner for the electrification of Turin's To Dream, the most significant redevelopment project in the entire Piedmont region (...)

<https://www.businesswire.com/news/home/20230308005719/en/Atlante-and-To-Dream-more-than-130-fast-and-ultra-fast-charging-points-for-Turins-innovative-urban-district>

Partnership between Arval and Shell Recharge to foster the development of electric mobility

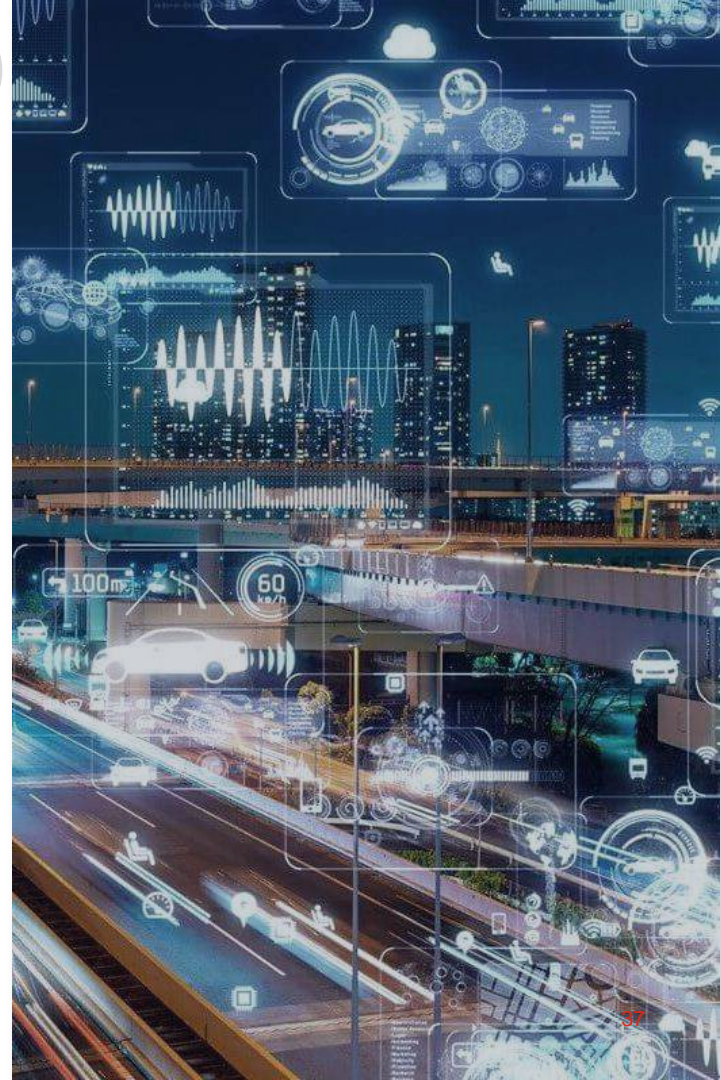
Arval Italia and Shell Recharge Solutions have recently entered a partnership for the development of electric mobility in our country. An agreement made with the aim of supporting energy transition processes and the development of a more capillary (...)

https://www.fleetmagazine.com/arval-shell-partnership/?utm_source=linkedin



News on key industry trends

Connectivity



Mercedes pay+:
Mercedes-Benz
introduces native in-car
payment

Mercedes-Benz customers in Germany are able to authenticate payments via an in-car fingerprint sensor. With the new digital payment service Mercedes pay+, Mercedes-Benz introduces native in-car payments (...)

<https://telematicsnews.info/2023/03/07/mercedes-pay-mercedes-benz-introduces-native-in-car-payment/>

Volkswagen Group
launches new in-vehicle
app store

The new in-vehicle marketplace is being developed by the Group's software subsidiary CARIAD, with support from Harman, and will offer apps from third-party developers alongside exclusive apps from Audi, Porsche, and other Volkswagen Group brands (...)

<https://telematicsnews.info/2023/03/02/audi-integrates-store-for-apps-into-various-models/>

Ford establishes Latitude
AI to develop future
automated driving
technology

Ford Motor Company has established Latitude AI, a wholly owned subsidiary focused on developing a hands-free, eyes-off-the-road automated driving system for millions of vehicles(...)

<https://www.automotiveworld.com/news-releases/ford-establishes-latitude-ai-to-develop-future-automated-driving-technology/>

News on key industry trends



Mobility Services

Vingroup Chairman establishes electric vehicle rental and taxi service company

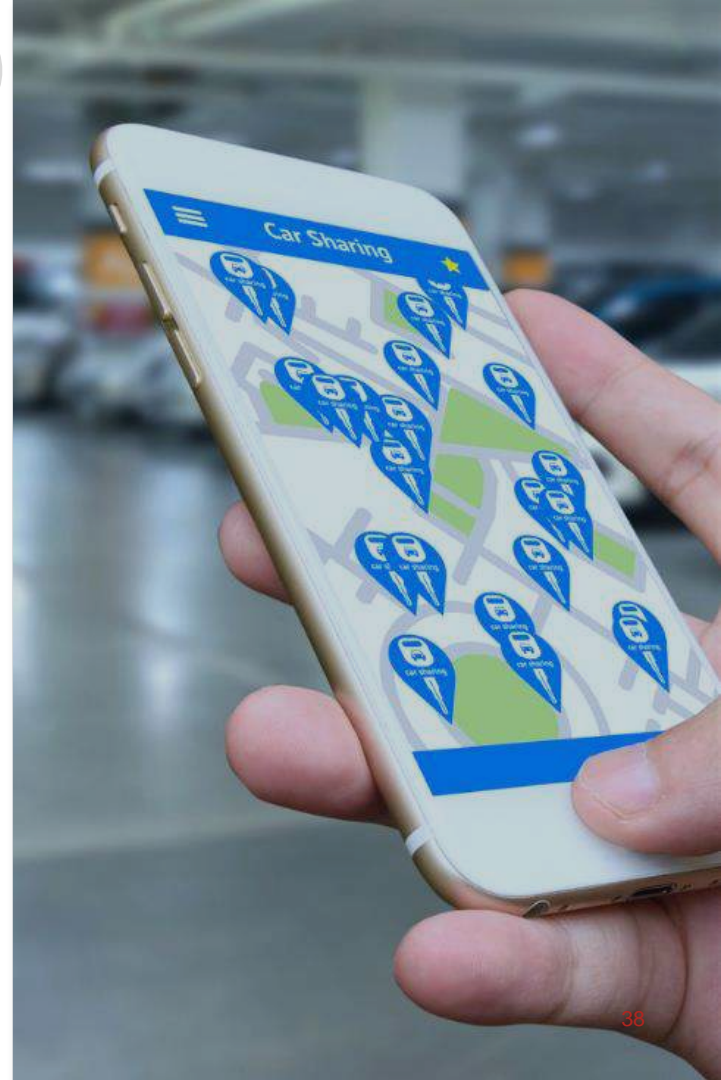
Vingroup Chairman Pham Nhat Vuong announced the establishment of the Green and Smart Mobility Joint Stock Company (GSM), an entity dedicated to using VinFast electric cars and scooters for rental and taxi services (...)

<https://www.automotiveworld.com/news-releases/vingroup-chairman-establishes-electric-vehicle-rental-and-taxi-service-company/>

Toyota launches the C+walk S in Japan, a new form of walking-assistance mobility

Toyota Motor Corporation (Toyota) announced today that it will release the C+walk S, a pedestrian-mobility-assistance model that is the second in the new C+walk mobility series (...)

<https://www.automotiveworld.com/news-releases/toyota-launches-the-cwalk-s-in-japan-a-new-form-of-walking-assistance-mobility/>



News on key industry trends



Sustainability (1/2)

Stellantis announces copper investment to support net zero goals

Stellantis has announced that it will invest \$155 million to support the operations a sustainable copper mine located in Argentina – a project it expects to support its goal to become carbon net zero by 2038 (...)

<https://telematicsnews.info/2023/02/28/stellantis-announces-copper-investment-to-become-carbon-net-zero-by-2038/>

Audi: Turning old into new: MaterialLoop project tests circular economy potential of end-of-life vehicles

With its joint project "MaterialLoop", Audi is taking the next step toward closing more material cycles in the automotive industry. Together with 15 partners from the research, recycling, and supplier sectors, the brand with the four rings is looking into the reuse (...)

<https://www.automotiveworld.com/news-releases/audi-turning-old-into-new-materialloop-project-tests-circular-economy-potential-of-end-of-life-vehicles/>

BMW Group: Fully optimised for sustainability

The BMW Group's light metal foundry in Landshut has once again been certified by an independent party for its sustainable use of aluminium – meeting the standards of the Aluminium Stewardship Initiative (ASI) (...)

<https://www.automotiveworld.com/news-releases/bmw-group-fully-optimised-for-sustainability/>



News on key industry trends

Sustainability (2/2)



ENI's new Biodiesel HVOlution: "Will play an important role in making all mobility more sustainable"

ENI has put a new biofuel on the market: it is called HVOlution and is the first Eni Sustainable Mobility biodiesel produced with 100% renewable raw materials. It is a product in line with Eni's evolution towards achieving carbon neutrality by 2050 (...)

<https://motori.virgilio.it/smart-mobility/intervista-biodiesel-eni-stefano-ballista/189847/>

Aramco joins Geely and Renault to develop ICE, e-fuel solutions

Aramco is joining forces with Zhejiang Geely and Renault to develop efficient internal-combustion engines, including engines designed to run on e-fuel and hydrogen. (...)

https://www.motorauthority.com/news/1138922_aramco-joins-geely-and-renault-to-develop-ice-e-fuel-solutions



Thank you.

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