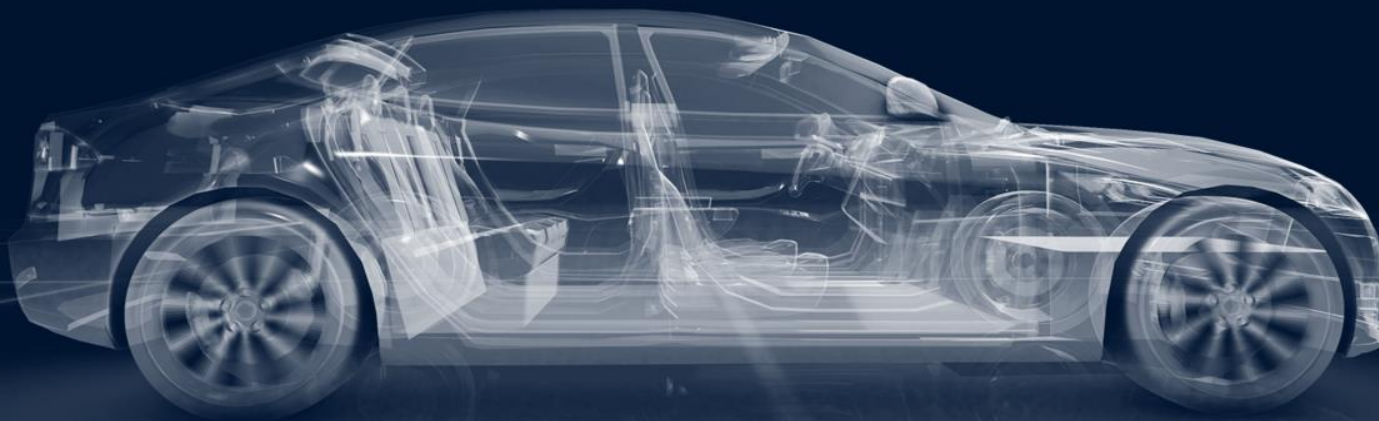


BIP AutoObserver

Analysis of new car registrations

June 2022



Executive Summary

Analysis of new car registrations in Europe & Spain – June 2022



Europe*

-16,8%

Top 3 Countries by growth of new registrations: only Iceland (+35,7%) and Latvia (+6,2%) registered an increase in June 2022 compared to June 2021. Considering YTD results Iceland (+53,4%), Romania (+23,1%) and Bulgaria (+13,3%) are the top 3

Top 3 Countries by market share: Germany 22,1% (+0,7 p.p.), United Kingdom 14,3% (+0,3 p.p.) and France 13,8% (-0,4 p.p.) in June 2022 YTD compared to June 2021 YTD

Brands: among the **Top 15 by volume**, Mercedes (+1,0%), Kia (+2,1%), Dacia (+31,9%) registered a growth in June 2022 with respect to June 2021. Considering June 2022 YTD Hyundai (+8,2%) with Kia (+16,8%) and Dacia (+18,2%) are growing

Premium brands: among the Top 15 by volume, only Mercedes-Benz registered a growth (+1,0%) in June 2022 compared to June 2021, while BMW (-15,6%) and Audi (-27,6%) are still decreasing. All 3 brands are decreasing considering a YTD perspective



Spain

-15,1%

Areas monthly results: North -12,5%, Center/West -10,0%, East -9,3%, South -5,4% and Islands +32,2%, comparing June 2022 with June 2021

Customer segments: Retail +1,2%, Fleet +2,3% and Business -48,3% June 2022 YTD vs June 2021 YTD

Brands: among the **Top 15 by volume** Toyota, along with KIA, Hyundai and Dacia are growing in volume (+10,9%, +15,1%, +18,8% and 11,6% YTD respectively), while all the others are decreasing considering YTD results (SEAT -28,2% YTD and FIAT -28,7% YTD are the brands with the highest loss)

Premium brands: among the Top 15 by volume BMW and Audi are decreasing both YTD and June 2022, while Mercedes only in the YTD (+14,4% in June 2022 vs 2021). All brands are decreasing more than the overall market (-10,7% YTD), as BMW -17,4%, Audi -16,7% and Mercedes -11,7% all YTD



01. Europe

| Market overview

| New car registrations by brands

02. Spain


03. New car models launches in Spain

04. News on key industry trends

Europe | Market Overview

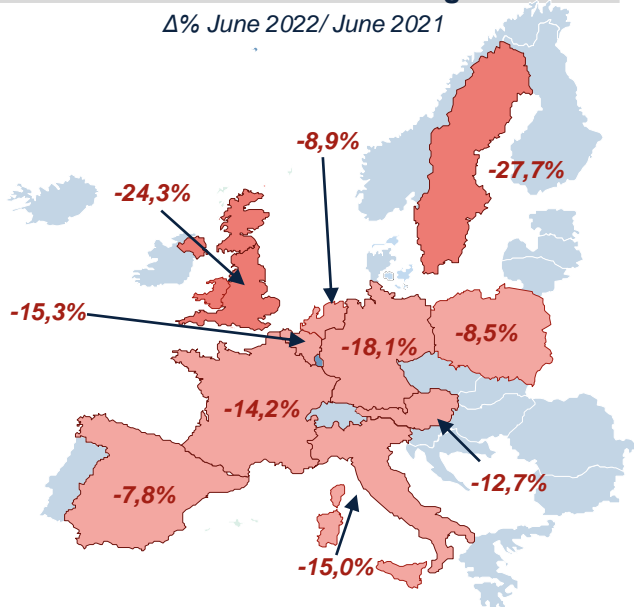
Top 10 European Markets* – June 2022

European Markets*
new car registrations

2021	1.281.892	-16,8%	
2022	1.066.137		

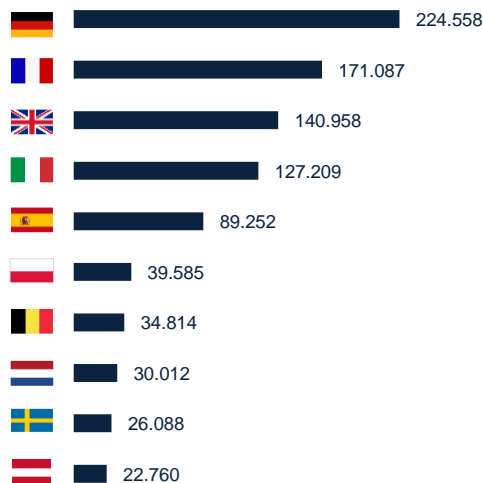
Δ% Volume 22/21 of new car registrations

Δ% June 2022/ June 2021



Number of EU new car registrations 2022

New car registration June 2022

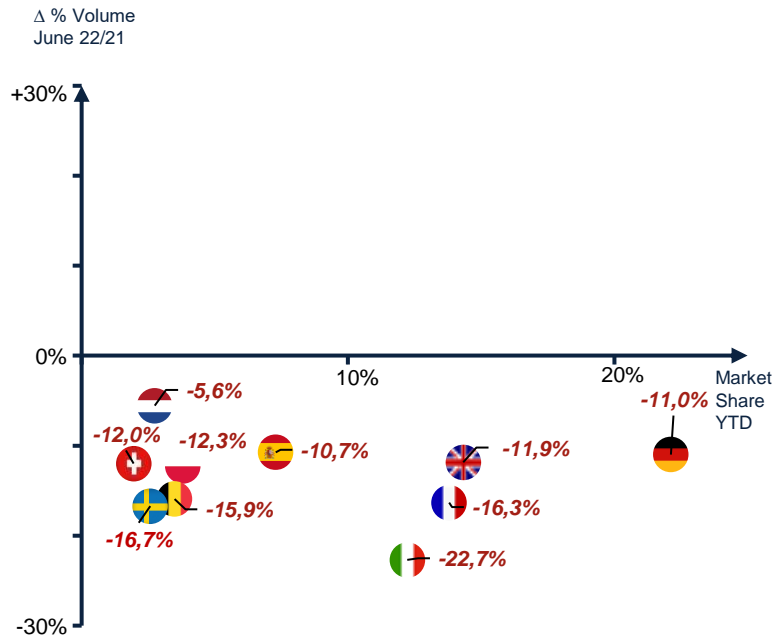


! Highlights

- The European market (EU+UK+EFTA) had a **drop in registrations** from 1.281.892 in June 2021 to 1.066.137 in June 2022 (11th consecutive month in negative).
- During June, the **EU passenger car market experienced a decline** compared to May, **moving from a -12,5% in May to -16,8% in June**
- An increase has been registered only for 2 out of 30 countries** (none for the top 10 for volume). In particular, **Sweden**, which recorded a recovery in May in terms of registrations with an 8,6% increase over the same period in 2021, **returns in June with a decrease of 27,7%**



Highlights - Δ % Volume 22/21 & Market Share (MS)



#	Country	MS June 2022 YTD	Δ VS 2021	Sales Volume June 2022 YTD
1	GER	22,1%	-11,0%	1.237.975
2	UK	14,3%	-11,9%	802.079
3	FRA	13,8%	-16,3%	771.980
4	ITA	12,2%	-22,7%	684.228
5	SPA	7,3%	-10,7%	407.757
6	POL	3,8%	-12,3%	212.405
7	BEL	3,5%	-15,9%	195.387
8	NET	2,7%	-5,6%	153.708
9	SWE	2,6%	-16,7%	144.182
10	CHE	2,0%	-12,0%	109.600

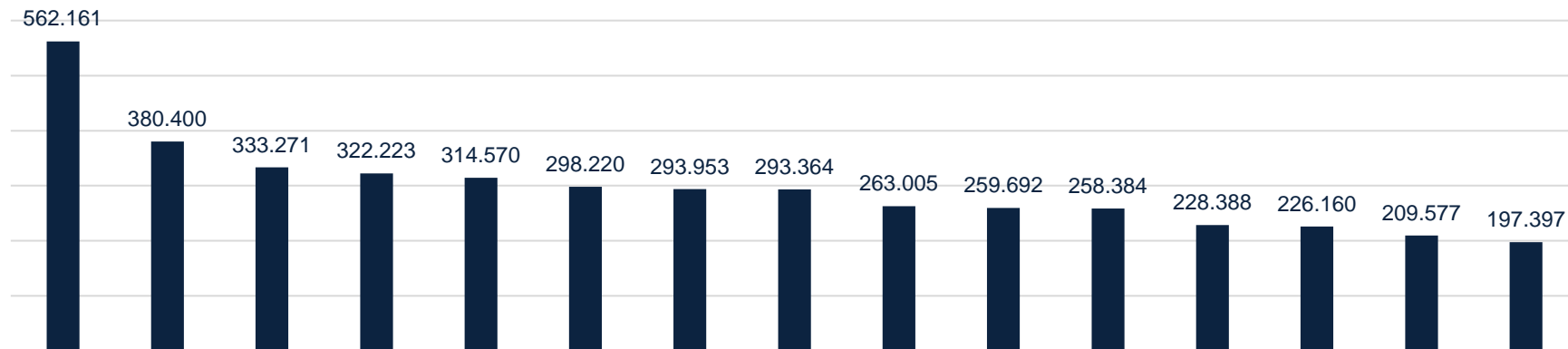
! Highlights

- In the **first half of the year 5.597.656 units** have been registered in the European passenger cars market with a **decrease** of -13,7% compared to the same period of 2021 and -33,9% compared to 2019
- An **increase** only for 7 out of 30 countries (highest for Iceland +53,4%), none of them in the top 10, while a **decline** for **23 countries** (highest for Italy, - 22,7%, considering the top 10)

Europe | New car registrations by brand



Top 15 – June 2022 YTD



Δ Vol. 22/21	-23,8%	-1,8%	-21,2%	-14,3%	-10,1%	-13,5%	-20,3%	+16,8%	+8,2%	-24,9%	-15,4%	-16,9%	+18,2%	-25,4%	-24,7%
MS '22	10,0%	6,8%	6,0%	5,8%	5,6%	5,3%	5,3%	5,2%	4,7%	4,6%	4,6%	4,1%	4,0%	3,7%	3,5%
Δ MS _(p.p) 22/21	-1,34	+0,82	-0,57	-0,04	+0,22	+0,01	-0,44	+1,37	+0,95	-0,69	-0,09	-0,16	+1,09	-0,59	-0,51



01. Europe

02. Spain

- | 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 Spain

04. News on key industry trends

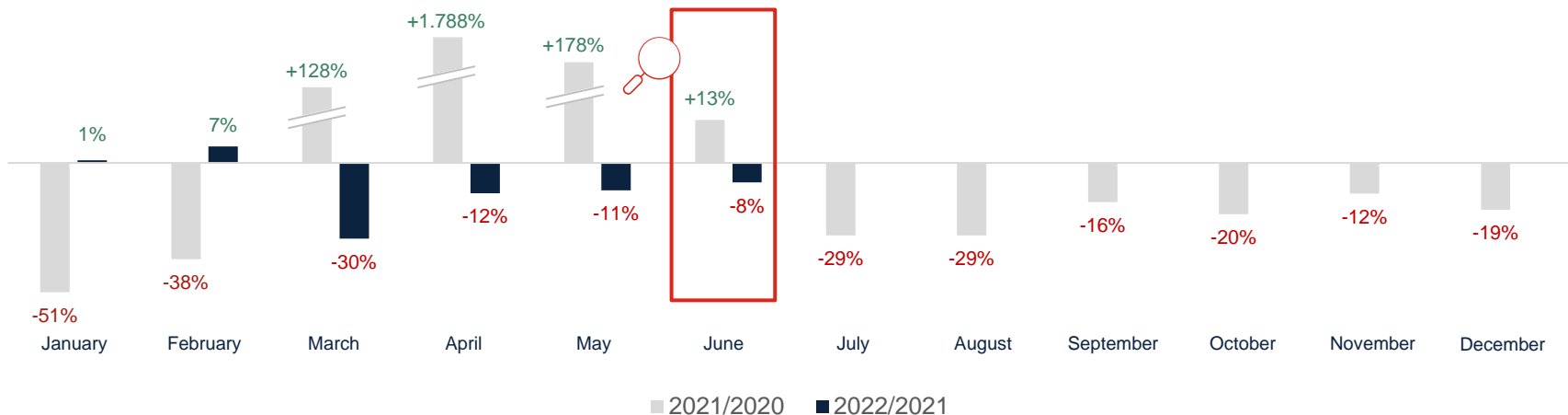


Spanish Market – Variation of new car registrations 2022 vs 2021

June 2022 Highlights

The "shortage" of microchips and raw materials and the Ukraine war continue to have an impact on the industry, slowing down the production and delivery of cars. In June 2022, the Spanish market registered a **decline of 7,8%**: this is the smallest drop since the beginning of the year after three months of losses ranging from 11% to 30%. With respect to car registration by customer segment in June 2022: **Fleet (-48,3%) have lost in volumes** compared to 2021, while **Retail (+1,2%) and Business (+2,3%) registered a slight increase**.

However, since the beginning of the year, the decrease has remained significant, with 407.757 units registered and a market decline of 10,7%, which means 49.076 cars less compared to the same period in 2021. Only the slowdown of the pandemic and the **new incentives allocation** could lead to a **positive boost, in particular on EV sales, in the next months**.



■ 2021/2020 ■ 2022/2021

Spain | Market Overview

Spanish Market – June 2022 vs June 2021

Spain New Car Registrations

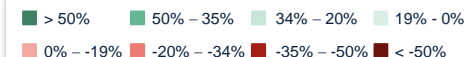
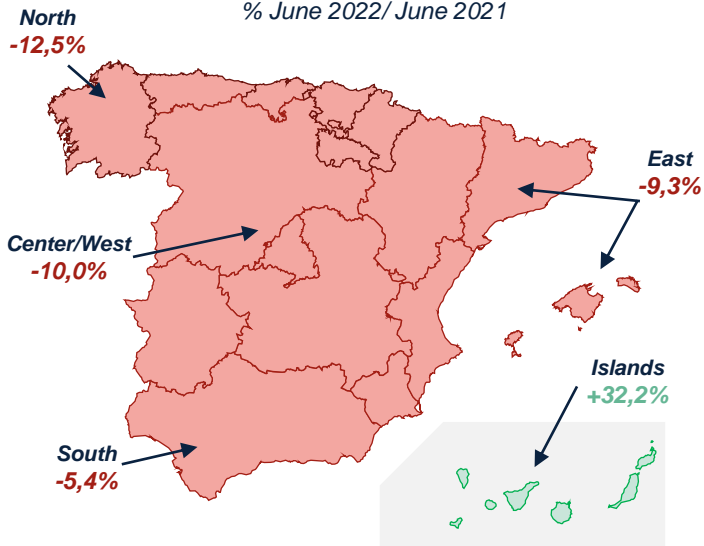
2021	96.784
2022	89.252

-7,8%



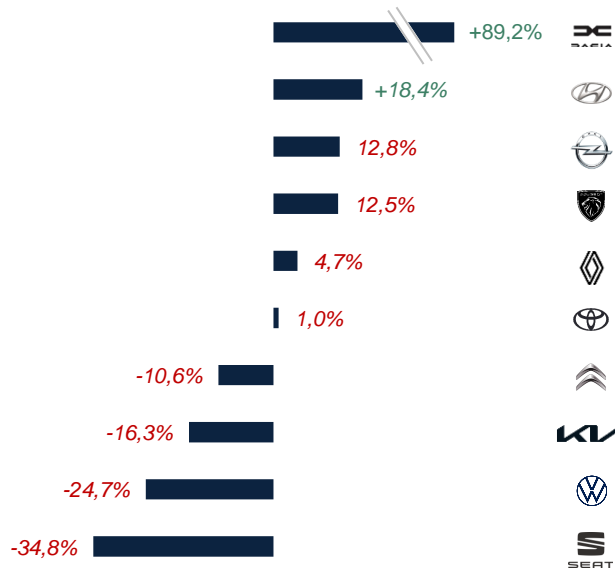
Δ% Volume 22/21 of New Car Registrations

% June 2022/ June 2021



Growth of Top 10 Brands by Volumes

Δ% June 2022/ June 2021



! Highlights

- In June 2022, the Spanish market experienced an **overall decrease in registrations for almost all geographical areas but definitely improving** compared to May 2022 results, when a decline for all geographical areas of more than 20% has been registered
- In June 2022 the North had the worst performance (-12,5%)
- 4 of the top 10 brands registered a **negative** variation (the **lowest for Volkswagen** -24,7% and **SEAT** -34,8%)
- Dacia** registered an outbound increase (+89,2%)



Source: ANFAC

North: Asturias, Cantabria, Galicia, La rioja, Navarra y País Vasco
East: Aragón, Cataluña, Valencia y Baleares

South: Andalucía, Extremadura, Murcia, Ceuta y Melilla
Center/West: Castilla la Mancha, Castilla León and Madrid

Spain | Market Overview

Spanish Market – June 2022 YTD vs June 2021 YTD

Spain New Car Registrations (YTD)

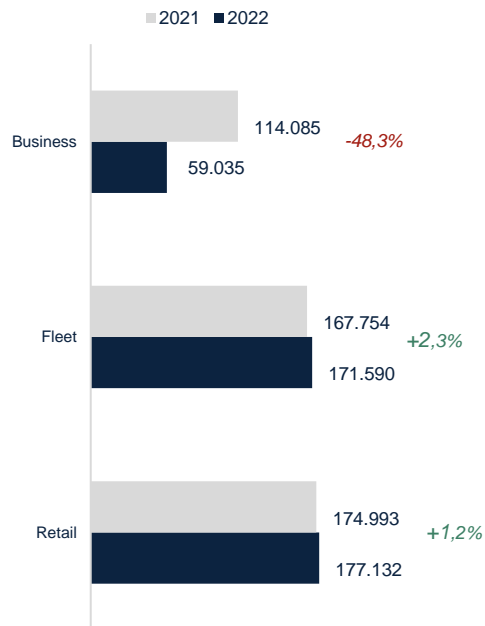
2021	456.833
2022	407.757

-10,7%



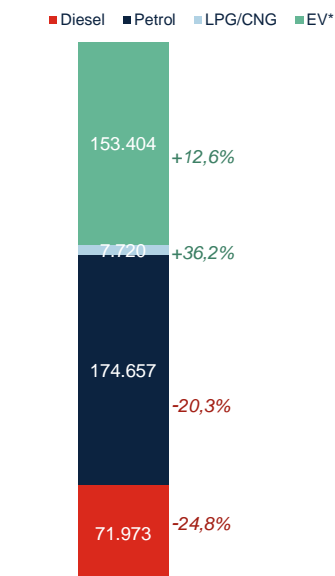
Analysis by “Customer Segment”

Registration YTD ‘22/’21



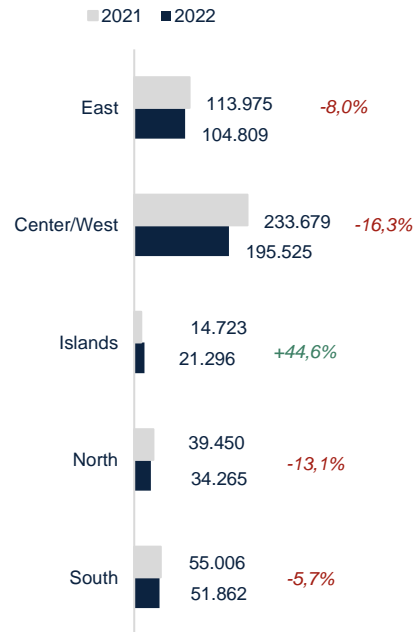
Analysis by “Fuel Type”

Registration YTD ‘22



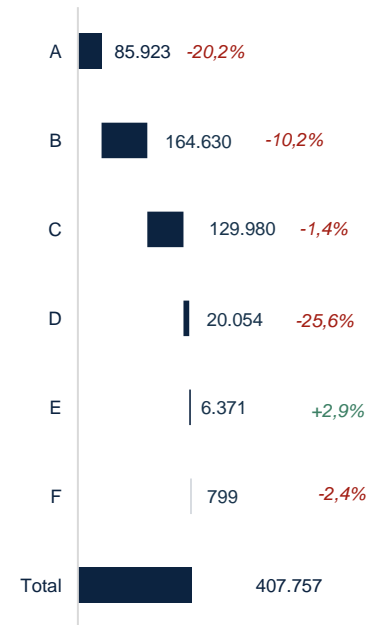
Analysis by “Geographical Area”

Registration YTD ‘22/’21



Analysis by “Car Segment”

Registration YTD ‘22/’21

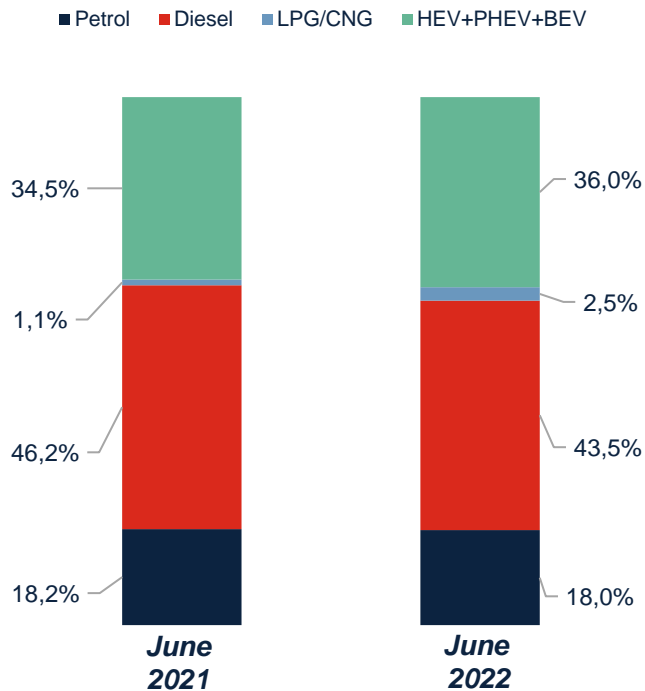


Source: ANFAC

(*) EV: Electric Vehicle (Hybrid and Electric); CNG: Compressed Natural Gas (Methane and Ethanol)



“Fuel Type” mix evolution (Market Share)



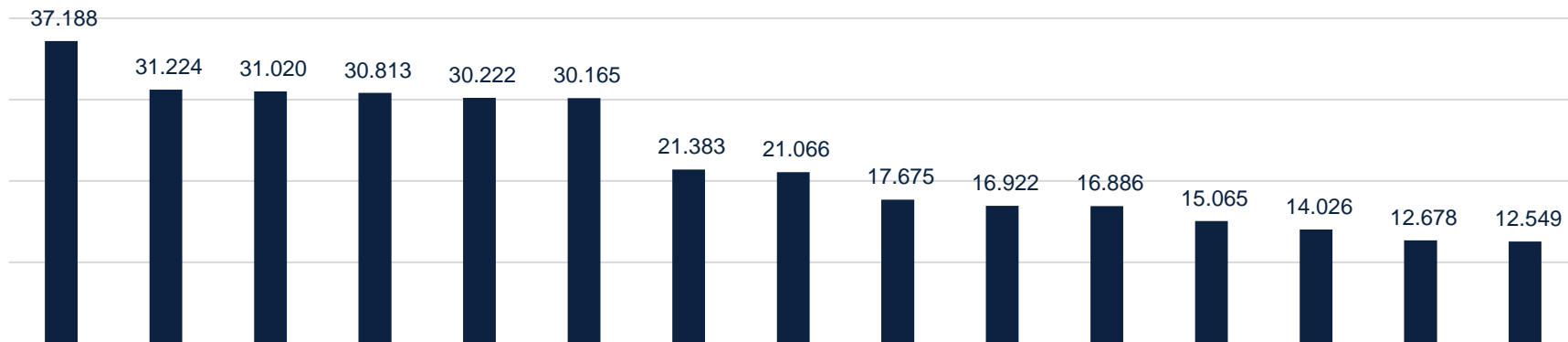
	HEV	PHEV	BEV
MS			
June '21	27,2%	4,6%	2,7%
MS			
June '22	27,8%	4,8%	3,5%
MS Delta			
June '22 vs. '21	+0,6 p.p.	+0,2 p.p.	+0,8 p.p.

- As highlighted in previous months, the **fuel type mix is still shifting** from Diesel and Petrol to **EV**, even though to a **small extent** than in recent years
- In particular, in June 2022 compared to 2021, **Petrol and Diesel registered a lost** in terms of market share (-2,7 p.p and -0,2 p.p respectively) while **EV increased** their market share from 34,5% up to 36,0%
- Still, this increase was **due mainly to mild hybrid vehicles (HEV) and Battery Electric Vehicle (BEV)** while the contribute of **PHEV** was less important, with a possible further increase in the coming months, due to the allocation of new incentives that should lead to a positive boost on EV sales
- Furthermore, in June 2022 BEV vehicles begin to show a slight recovery compared to May 2022, with a subsequent increase in market share from 2,5% to 3,5%

Spain | New car registrations by brand



New car registrations by brand – June 2022 YTD (1/3)



Brand	Δ Vol. 22/21
Toyota	+10,88%
Volkswagen	-14,05%
Peugeot	-15,86%
KIA	+15,12%
Hyundai	+18,79%
SEAT	-28,16%
Citroën	-17,84%
Renault	-24,11%
Dacia	+11,63%
Mercedes-Benz	-11,70%
Audi	-16,67%
BMW	-17,42%
Ford	-10,43%
Opel	-18,88%
FIAT	-28,67%

Brand	M.S. '22
Toyota	9,12%
Volkswagen	7,66%
Peugeot	7,61%
KIA	7,56%
Hyundai	7,41%
SEAT	7,40%
Citroën	5,24%
Renault	5,17%
Dacia	4,33%
Mercedes-Benz	4,15%
Audi	4,14%
BMW	3,69%
Ford	3,44%
Opel	3,11%
FIAT	3,08%

Brand	Δ M.S. (p.p.) 22/21
Toyota	+1,78
Volkswagen	-0,30
Peugeot	-0,46
KIA	+1,70
Hyundai	+1,84
SEAT	-1,79
Citroën	-0,45
Renault	-0,91
Dacia	+0,87
Mercedes-Benz	-0,05
Audi	-0,29
BMW	-0,30
Ford	+0,01
Opel	-0,31
FIAT	-0,77

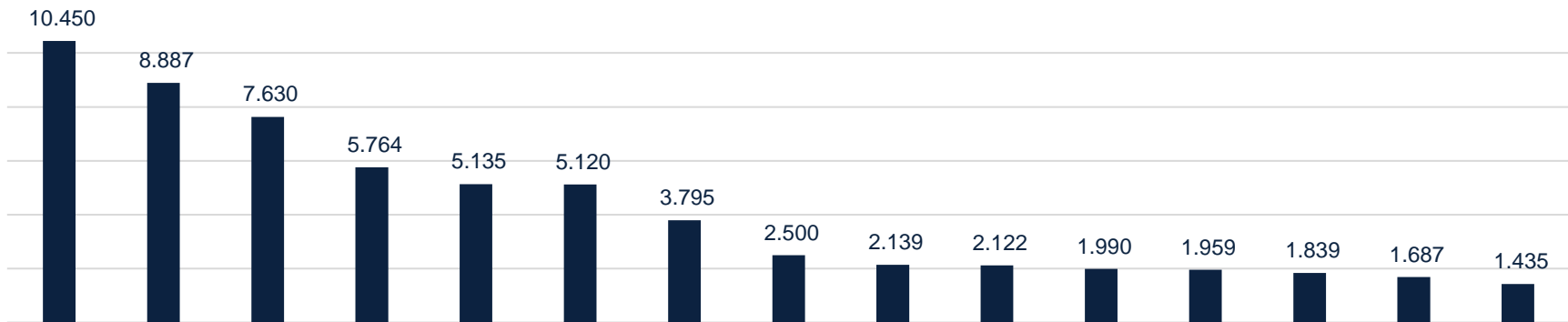


Source: ANFAC

Spain | New car registrations by brand



New car registrations by brand – June 2022 YTD (2/3)

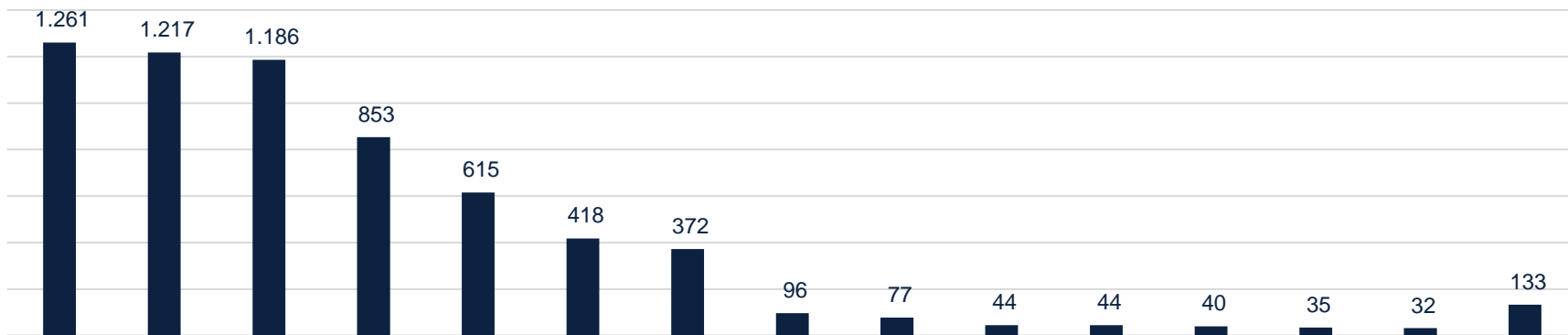


Δ Vol. 22/21	-34,19%	-36,25%	-40,46%	-9,46%	-26,31%	-31,41%	-12,72%	+33,62%	+60,47%	+2.133,68%	+42,96%	-32,21%	+13,24%	-37,43%	-22,60%
M.S. '22	2,56%	2,18%	1,87%	1,41%	1,26%	1,26%	0,93%	0,61%	0,52%	0,52%	0,49%	0,48%	0,45%	0,41%	0,35%
Δ M.S. (p.p.) 22/21	-0,91	-0,87	+0,68	+0,02	-0,27	-0,38	-0,02	+0,20	+0,23	+0,50	+0,18	-0,15	+0,10	-0,18	-0,05

Spain | New car registrations by brand



New car registrations by brand – June 2022 YTD (3/3)



Δ Vol. 22/21	+5,61%	+27,04%	+11,99%	+4638,89%	-28,90%	-8,33%	-46,24%	-12,73%	+18,46%	+193,33 %	+25,71 %	-%	-%	+39,13 %	+92,75%
M.S. '22	0,31%	0,30%	0,29%	0,21%	0,15%	0,10%	0,09%	0,02%	0,02%	0,01%	0,01%	0,01%	0,01%	0,01%	0,03%
Δ M.S. (p.p.) 22/21	+0,05	+0,09	+0,06	+0,21	-0,04	0,00	-0,06	0,00	0,00	+0,01	0,00	+0,01	+0,01	0,00	+0,02

Italy | New car registrations by group



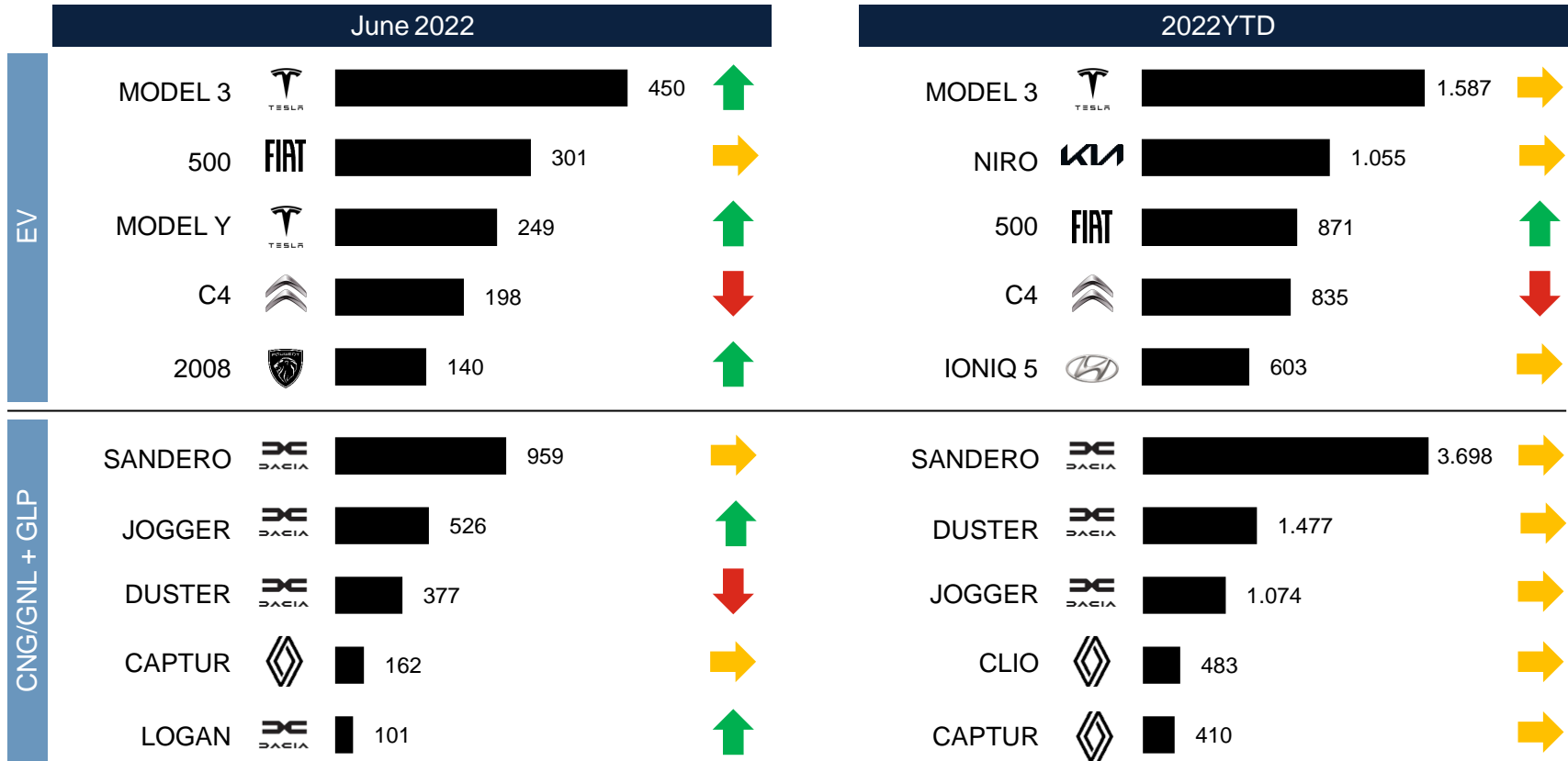
New car registrations by group – Top 15 – June 2022 YTD

	Group	Brand	Volume	Δ% Volume '22 vs '21	Market Share (%)
1	Volkswagen		97.557	-19,4%	23,9%
2	Stellantis		86.559	-18,3%	21,2%
3	Toyota		39.762	+6,6%	9,8%
4	Renault		38.785	-11,1%	9,5%
5	Kia		30.813	+15,1%	7,6%
Top 5: 72,0%					
6	Hyundai		30.222	+18,8%	7,4%
7	BMW		18.860	-16,5%	4,6%
8	Mercedes-Benz		17.340	-11,6%	4,3%
9	Ford		14.026	-10,4%	3,4%
10	Nissan		8.887	-36,2%	2,2%
Top 10: 93,9%					
11	Mazda		5.764	-9,5%	1,4%
12	Volvo		5.120	-31,4%	1,3%
13	Tesla		2.139	60,5%	0,5%
14	MG		2.122	+2.133,7%	0,5%
15	Honda		1.990	43,0%	0,5%

Spain | New car registrations by fuel type



New car registrations by fuel type – Top 5 – EV and CNG/GNL + GLP



Source: ANFAC

Ranking variation compared to previous period

Spain | New car registrations by fuel type



New car registrations by fuel type – Top 5 – Hybrid (HEV and PHEV)

	June 2022					2022YTD				
HEV	C-HR			2.598		COROLLA			10.443	
	500			1.995		C-HR			9.795	
	COROLLA			1.863		500			6.448	
	TUCSON			1.334		TUCSON			5.267	
	QASHQAI			1.197		YARIS CROSS			5.043	
PHEV	3008			249		3008			1.679	
	01			229		CLASE GLC			1.044	
	C5			220		COMPAS S			901	
	AIRCROSS			167		ECLIPSE CROSS			884	
	RENEGADE			167		KUGA			877	
CLASE GLC			142							



Source: ANFAC

Ranking variation compared to previous period

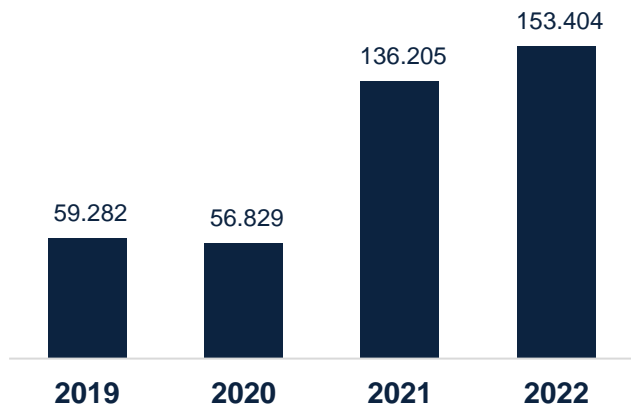
Spain | New car registrations by fuel type



New car registrations of Hybrid vs Pure Electric vehicles

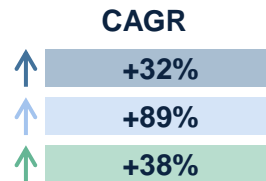
EV Registrations Trend June '22 YTD

Delta YoY	+47%	+95%	+78%	+26%
M.S.	6%	9%	17%	38%

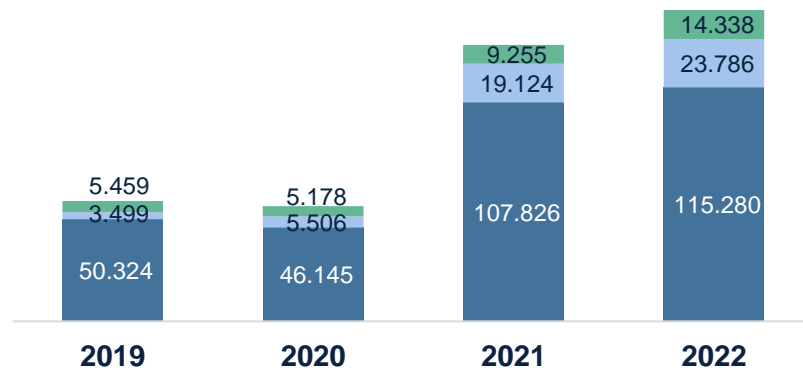


HEV*, PHEV* and BEV** Vehicles Trend June '22 YTD

■ HEV ■ PHEV ■ BEV



Compared to 2021, 2022 registered an **increase** in EV registrations



Spain | New car registrations by segment



Overview of new car registrations by segment

Segments Growth in Market Share*

A
«Utility/City»



-2,5 p.p.

D
«Executive»



-1,0 p.p.

B
«Supermini»



+0,3 p.p.

E
«Luxury»



+0,2 p.p.

C
«Medium»



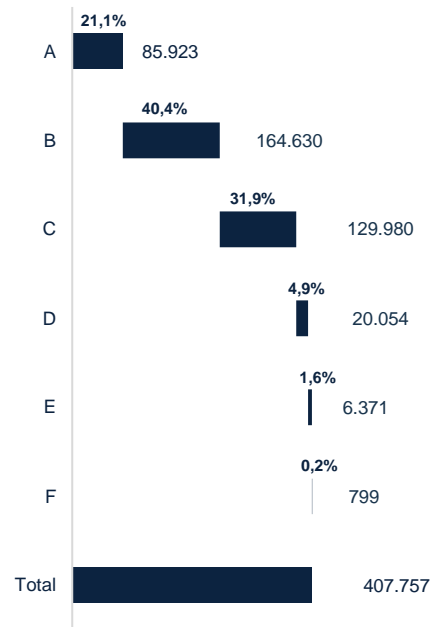
+3,0 p.p.

F
«Ultra Luxury»



0 p.p.

Market Share and Volume**

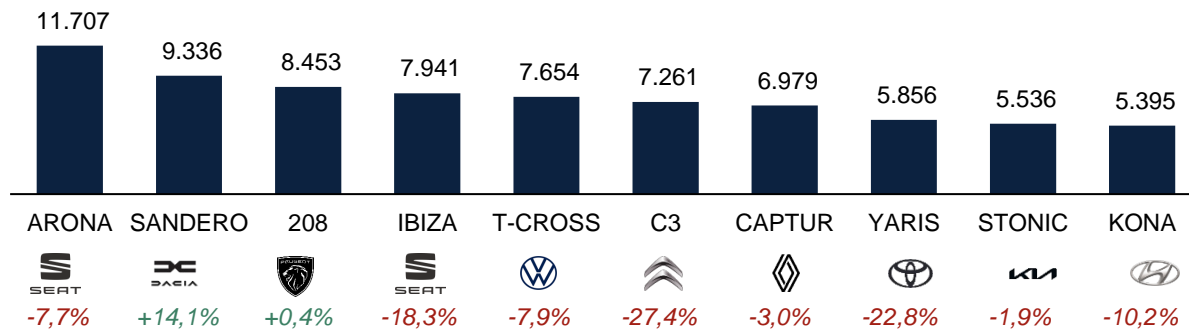
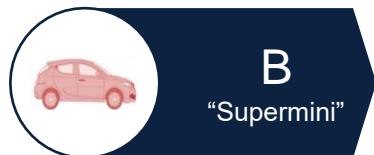
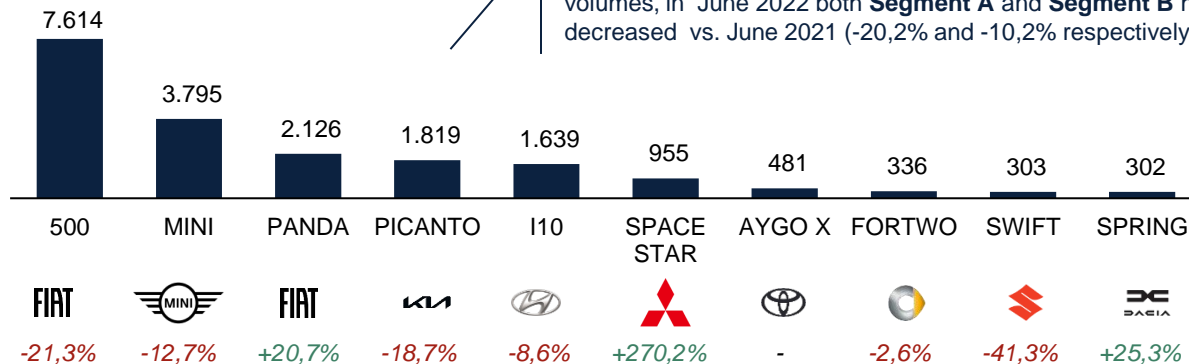


Spain | New car registrations by segment



Segment A and Segment B – Top 10 – June 2022 YTD

In terms of **MS**, respectively vs June 2021 YTD, **Segment A** has registered a decrease (-2,5 p.p.) while **Segment B** have remained almost unmodified (+0,3 p.p.). Considering the volumes, in June 2022 both **Segment A** and **Segment B** have decreased vs. June 2021 (-20,2% and -10,2% respectively)



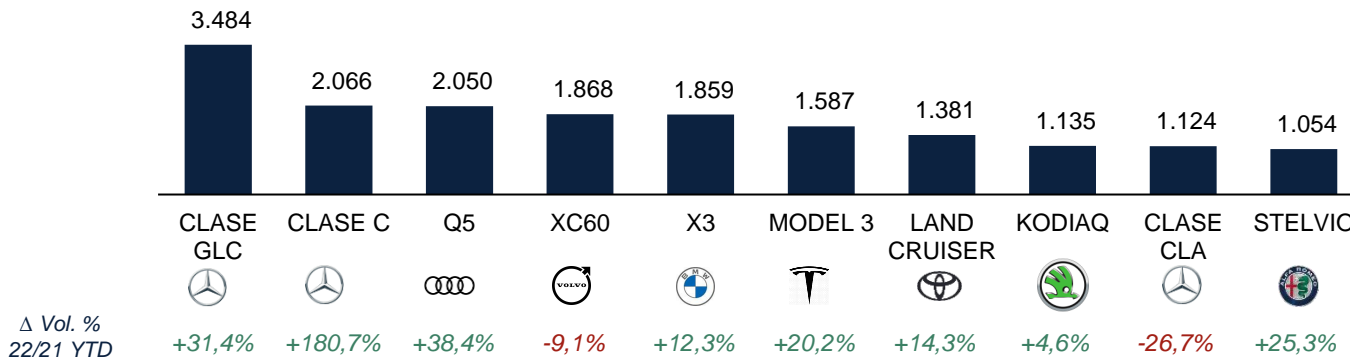
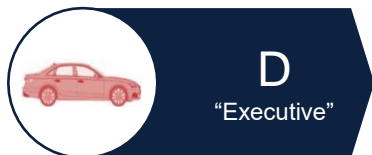
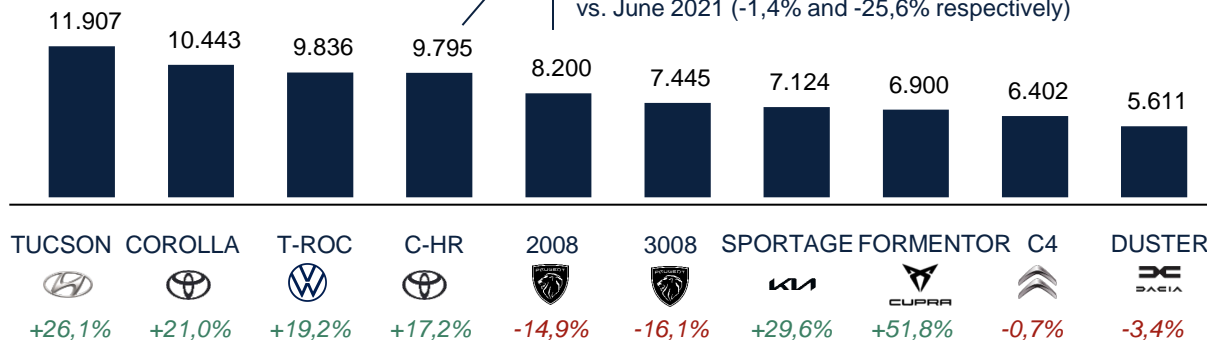
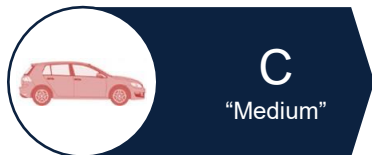
Source: ANFAC

Spain | New car registrations by segment



Segment C and Segment D – Top 10 – June 2022 YTD

In terms of **MS**, respectively vs June 2021 YTD, **Segment C** has registered an increase (+3,0 p.p.) while **Segment D** has registered a decrease (-1,0 p.p.). Considering the volumes, in June 2022 both **Segment C** and **Segment D** have decreased vs. June 2021 (-1,4% and -25,6% respectively)

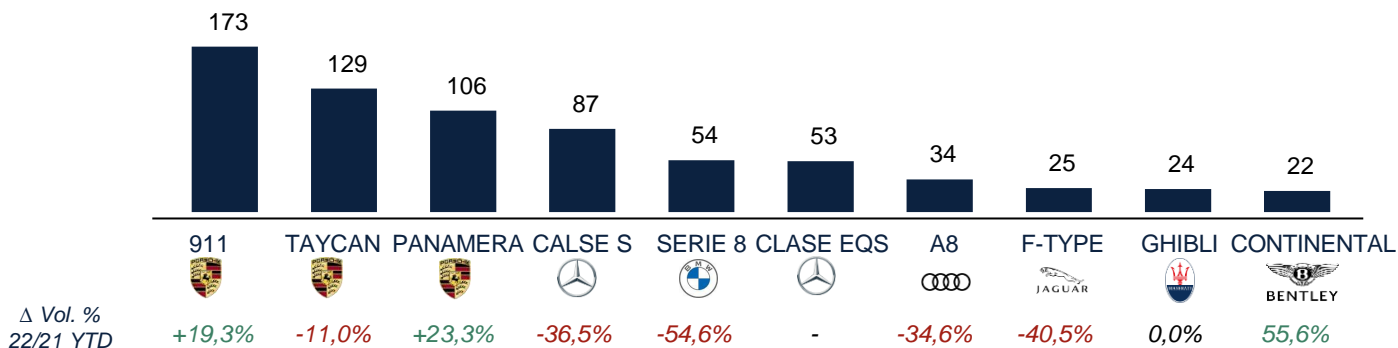
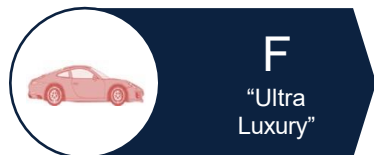
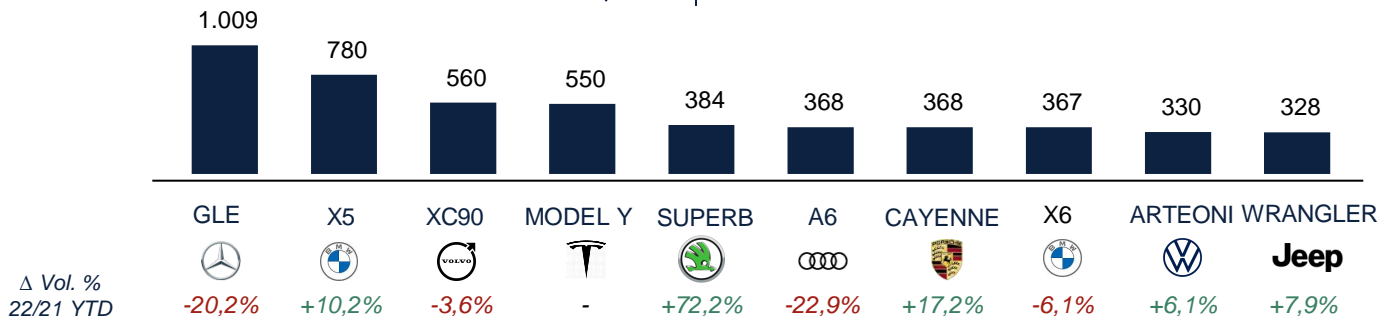


Spain | New car registrations by segment



Segment E and Segment F – Top 10 – June 2022 YTD

In terms of **MS**, respectively vs June 2021 YTD, **Segment E** and **Segment F** have remained almost unmodified (+0,2 p.p. and 0 p.p.), while in terms of volumes, in June 2022 both **Segment E** have increased (+2,9%) and **Segment F** have decreased (-2,4%) both vs. June 2021





01. Europe

02. Spain

03. New car models launches in Spain

04. News on key industry trends

New Car Models Launches in Spain

New models launch per brand – Roadmap 2022 (1/3)

											FIAT			
Jan				X3 y X4 ✓										
Feb			A8 ✓					DS 4 Crossback ✓						
Mar				Serie 2 ✓										
Apr														
May				i4 ✓	C3 ✓								HR-V ✓	
Jun	Tonale ✓		A1 allstreet →			Bigster 				Tipo Cross SW ✓				Staria
Jul								DS7 Crossback 						
Aug														
Sep					C4 X 					E-Doblò 				Civic
Oct				X1 								Ranger 		
Nov				iX1 								Kuga 	Civic R 	
Dec	Stelvio 	DBX Coupé 	Audi e-tron 	XM 	C5 Aircross 					Purosangue 				ioniq 6






































New Car Models Launches in Spain

New models launch per brand – Roadmap 2022 (2/3)

	JAGUAR	Jeep	KIA	LAND-ROVER	LEXUS	LYNK & CO	MINI	Mazda	Mercedes	MG	MINI	Mitsubishi	MOBILIZE	NISSAN
Jan									EQB ✓					
Feb					BX ✓									
Mar				Road Rover ✓				Mazda MX-30 ✓						
Apr			NIRO ✓											
May			Sportage ✓					Mazda 6 ✓	EQE ✓					
Jun					RX y RZ →		Grecale				John Cooper Works GPE			
Jul						MC20 Cabrio			Clase A y B			C-SUV		
Aug														X-Trail
Sep									EQS					Juke Hybrid
Oct									GLC →					
Nov			EV4	Range Rover Sport				CX-60						
Dec								CX-80			CyberE			

New Car Models Launches in Spain

New models launch per brand – Roadmap 2022 (3/3)

													
Jan													
Feb		✓  308 SW	✓  Macan T	✓  Mégane E-Tech								✓  Taigo	✓  XC90
Mar						✓  Karoq						✓  T-Roc	
Apr											✓  Aygo X		
May													
Jun	✓  Astra			✓  Austral								 ID. Buzz 	
Jul			 Cayenne			 Enyaq Coupé					 BZ4x y GR 86	 ID.5	
Aug													
Sep													
Oct	 Astra Sports T.	 308 Cross										 Id Buzz	
Nov			 718 Cayman GT4RS						 Solterra				
Dec							 #1			 Cybertruck			 XC20



01. Europe

02. Spain

03. New car models launches in Spain

04. 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 13/06/22 to 19/07/2022



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



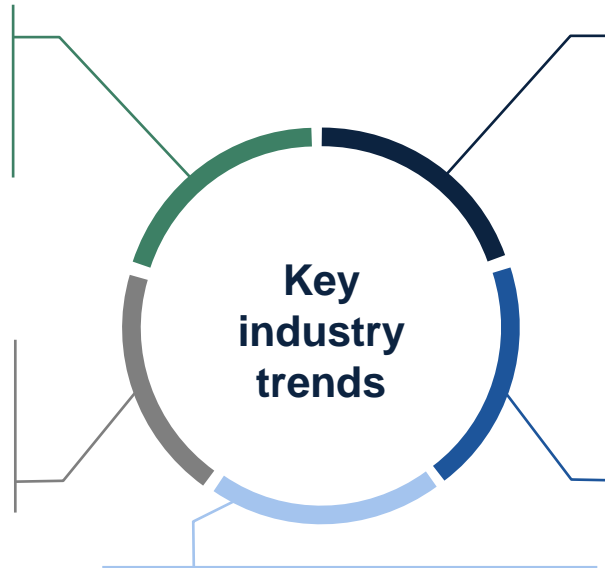
Electrification

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



BMW Group expands BMW Operating System 8, integrates Android Automotive OS

The BMW Group will be expanding its BMW Operating System 8 and **integrating Android Automotive OS (AAOS)** into certain model series for the first time as a second technological approach alongside the current Linux-based variant (...)

<https://www.automotiveworld.com/news-releases/bmw-group-expands-bmw-operating-system-8-integrates-android-automotive-os/>

Renault Group and Atos launch a unique service to collect large-scale manufacturing data and accelerate Industry 4.0

A strategic collaboration to develop and commercialize a unique technology solution to collect and analyze manufacturing data on a large scale (...)

<https://www.automotiveworld.com/news-releases/renault-group-and-atos-launch-a-unique-service-to-collect-large-scale-manufacturing-data-and-accelerate-industry-4-0/>

Alfa Romeo likely to launch 'buy online' service in 2023, says UK boss

The UK boss of Alfa Romeo has said that the brand will likely launch a buy online functionality next year as the brand looks to appeal to a younger audience (...)

<https://cardealermagazine.co.uk/publish/alfa-romeo-likely-to-launch-buy-online-service-in-2023-says-uk-boss/267270>



News on key industry trends



Electrification (1/4)

In-road inductive charging tests demonstrate unlimited EV range

The world's fifth-largest automaker has built and tested a charge-as-you-drive system – a loop of road in Italy with wireless EV charging coils embedded under the surface, so that electric cars can charge as they drive and unlock unlimited range (...)

<https://newatlas.com/automotive/stellantis-road-charging-induction/>

Rising petrol prices fuelling shift to EVs, says Motor Ombudsman

Data collected by the Motor Ombudsman found that almost half (48 per cent) of UK car owners are concerned about having a pure petrol or diesel-powered vehicle, making a switch to a BEV (...)

<https://cardealermagazine.co.uk/publish/rising-petrol-prices-fuelling-shift-to-evs-says-motor-ombudsman/265628>

The new Royal Decree that will make it compulsory by law to install charging points for electric cars

Before the end of this year, the massive arrival of charging points for electric cars in Spain is expected thanks to the requirements of the new Royal Decree-law (...)

https://www.autopista.es/nueva-movilidad/nuevo-real-decreto-obligara-instalar-por-ley-puntos-carga-coches-electricos_258636_102.html



News on key industry trends

Electrification (2/4)



New approach reduces EV battery testing time by 75%

Testing the longevity of new electric vehicle battery designs could be four times faster with a streamlined approach, researchers at the University of Michigan have (...)

<https://techxplore.com/news/2022-06-approach-ev-battery.html>

Efibat to manufacture up to 50,000 electric car charging points per year in Spain

The company will invest seven million euros in the period 2021 to 2025, with the aim of producing 50,000 units of recharging points per year when at full capacity (...)

<https://www.hibridosyelectricos.com/articulo/sector/espanola-efibat-fabricara-50000-puntos-carga-coches-electricos-ano/20220628212300059726.html>

Honda and Sony Sign Agreement for New EV Joint Venture Brand

The automaker and the tech giant have officially signed a joint venture agreement to create a new company, Sony Honda Mobility Inc., in 2022, with plans for EV sales by 2025. (...)

https://www.caranddriver.com/news/a39324355/honda-sony-ev-agreement/?utm_campaign=socialflowTWCD&utm_medium=social-media&utm_source=twitter&src=socialflowTV



News on key industry trends

Electrification (3/4)



Repsol will have a recharging point every 50 km on main roads in Spain before 2023

Josu Jon Imaz, CEO of Repsol, assured during the Global Mobility Call event that by the end of the year its network of operational recharging points will have grown to a thousand, so that the main routes will have a recharging point every 50 kilometers. (...)

<https://forococheselectricos.com/2022/06/repsol-tendra-un-punto-de-recarga-cada-50-km-en-las-rutas-principales-de-espana-antes-de-2023.html>

Porsche even more electric with Free To X

Never again without recharging is among the mantras Porsche thanks to the agreement with Free To X (company of the Autostrade per l'Italia group dedicated to the development of advanced mobility services).

<https://techgameworld.com/porsche-even-more-electric-with-free-to-x/>

China unveils plans to spur car demand, may extend EV tax break

China announced a raft of new steps to spur consumer demand for cars, saying it would consider extending a tax break for electric vehicles and outlining plans to build more charging stations (...)

<https://www.reuters.com/business/autos-transportation/china-studying-extending-tax-exemption-nevs-commerce-ministry-2022-07-07/>



News on key industry trends

Electrification (4/4)



Volvo Trucks unveils its first hydrogen FCEV

Volvo Trucks, has revealed its first fuel cell electric vehicle. In leveraging hydrogen as its main source of power, Volvo Trucks confirmed that its latest zero-emission semi-truck will have a maximum range of 1000 kilometers (...)

<https://telematicsnews.info/2022/06/23/volvo-trucks-unveils-its-first-hydrogen-fcev/>

Porsche confirms the arrival of an electric SUV over Cayenne

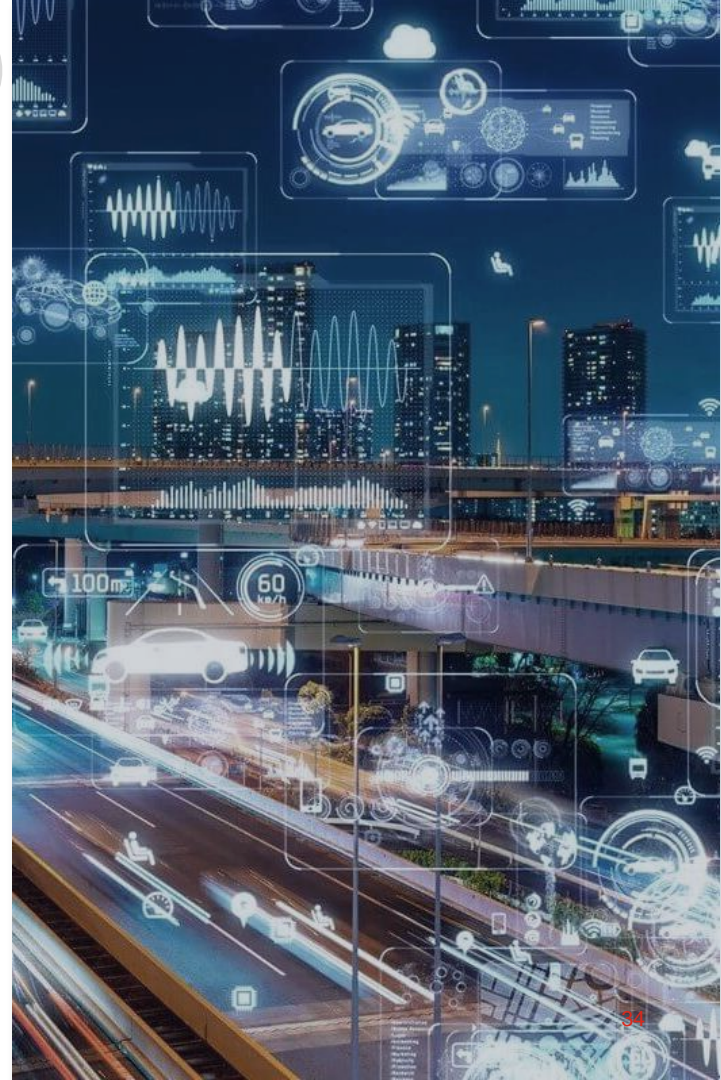
The success of the Taycan has encouraged the Stuttgart-based company to come up with new and exceptional models that we have yet to see (...)

<https://www.hibridosyelectricos.com/articulo/actualidad/porsche-confirmacion-suv-electrico-cayenne/20220719065344060512.html>



News on key industry trends

Connectivity



Ford dealers now have access to remote-assistance technology to help get customers back on the road quicker

Two-way, hands-free electronic headset provides real-time visual and audio communication between dealership technicians and team members at the Ford Technical Assistance Center in Dearborn, allowing for more efficient diagnoses (...)

<https://www.automotiveworld.com/news-releases/ford-dealers-now-have-access-to-remote-assistance-technology-to-help-get-customers-back-on-the-road-quicker/>

Fleet data potential grows as connected vehicle penetration increases

“As we been discussing in the market, we see connected vehicle data emerging as the successor technology to telematics during the next few years, but this does depend on vehicles having the hardware fitted to make this possible,” (...)

<https://www.fleetnews.co.uk/news/latest-fleet-news/connected-fleet/2022/06/21/fleet-data-potential-grows-as-connected-vehicle-penetration-increases>

News on key industry trends



Mobility Services

Driverless car at the start: from 14 July autonomous driving is no longer outlawed

July 14th will be a historic date for road traffic, but it will not be as revolutionary as July 14th 1789 was for democracy. Article 34-bis will enter into force, adding to the Vienna Convention on traffic the concept of “autonomous driving system” (...)

<https://europe-cities.com/2022/07/05/driverless-car-at-the-start-from-14-july-automatic-driving-is-no-longer-outlawed/>

Magic asphalt for electric cars, induction charging is ready

The induction charging technology for electric cars Dynamic Wireless Power Transfer (Dwpt), has just been presented in Chiari (Bs), by the president of A35 Brebemi (...)

<https://www.breakinglatest.news/entertainment/magic-asphalt-for-electric-cars-induction-charging-is-ready/>

Following Amazon Alexa, Jaguar Land Rover will release What3words update for 230,000 vehicles

Jaguar Land Rover said it will integrate geolocation program What3words into more than 230,000 existing vehicles to streamline in-vehicle navigation (...)

<https://europe.autonews.com/automakers/following-amazon-alex-jaguar-land-rover-will-release-what3words-update-230000-vehicles>



News on key industry trends

Sustainability (1/2)



Shell to start construction of renewable hydrogen plant in Netherlands

Shell Plc said on Wednesday it would start building a renewable hydrogen plant in the Netherlands, which according to the energy giant will be Europe's largest once it is operational in 2025 (...)

<https://www.reuters.com/business/energy/shell-start-construction-renewable-hydrogen-plant-netherlands-2022-07-06/>

Car and van CO2 targets: Charging infrastructure essential to meet member state ambition

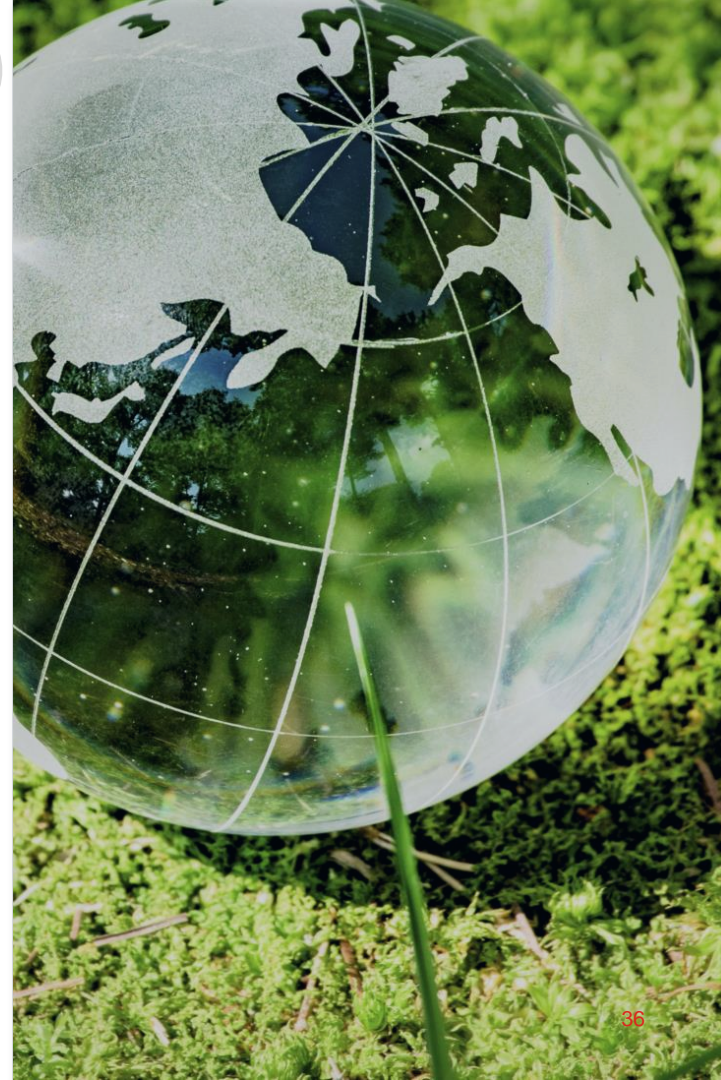
To meet the extremely ambitious CO2 reduction goals agreed last night by European environment ministers, the European Automobile Manufacturers' Association (ACEA) is calling for drastic action (...)

<https://www.automotiveworld.com/news-releases/acea-car-and-van-co2-targets-charging-infrastructure-essential-to-meet-member-state-ambition/>

Elli & Mitnetz Strom start trial smart charging project in Germany

In a joint pilot project, German companies Elli and Mitnetz Strom have started tests to optimised charging strategies. The project aims to achieve efficient interaction between the electricity grid and electromobility with electric cars from the VW Group.

<https://www.electrive.com/2022/06/21/elli-mitnetz-strom-start-trial-smart-charging-project-in-germany/>



Thank you.

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