

Car Cost Index 2022

LeasePlan International Consultancy Services

A red Ford Mustang is shown from a front-three-quarter perspective, driving on a road. The car is in motion, with a slight blur on the wheels. The background features a clear blue sky with several wind turbines. The overall scene is bright and sunny, suggesting a clear day. The car's design is modern and sleek, with a prominent Mustang logo on the front grille.

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Car Cost Index 2022

Welcome to the seventh edition of LeasePlan's annual Car Cost Index: a comprehensive analysis of the total cost of owning and operating a car (TCO) in 22 European countries, ranging from the sub-compact segment to the executive market

The Car Cost Index factors in the various costs involved in car ownership in each country, including energy/fuel, depreciation, tax, interest, insurance and maintenance

In the 2022 edition, costs are averaged over the first four years of ownership, assuming an annual mileage of 30,000 km



Key findings: EVs are more cost competitive than ever

1

EVs in nearly every segment and in nearly every European country are now the same price or cheaper than petrol or diesel cars

2

Despite energy price inflation, fuel costs remain significantly lower for electric cars than petrol and diesel cars: fuel costs represent 15% of the total cost of ownership of an EV, while this is 23% and 28% for petrol and diesel drivers

3

The average monthly cost of driving a car varies hugely across Europe – from €905 a month in Greece to €1,313 in Switzerland

4

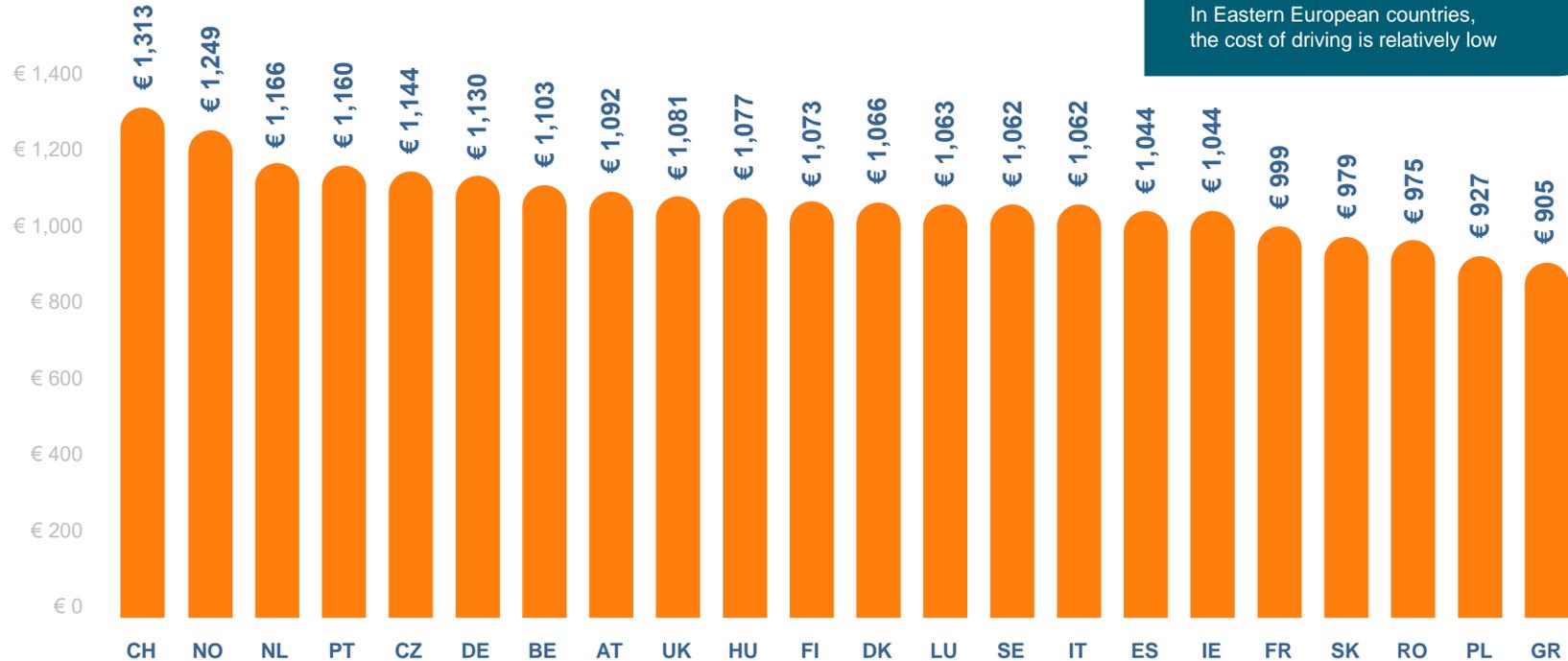
There are more EV models on the market than ever before. The first Car Cost Index surveyed only 11 EVs, while this year's edition includes 33

In 2022, driving a car was the most expensive In Switzerland and the cheapest in Greece

Data is based on various car segments*
and fuel types

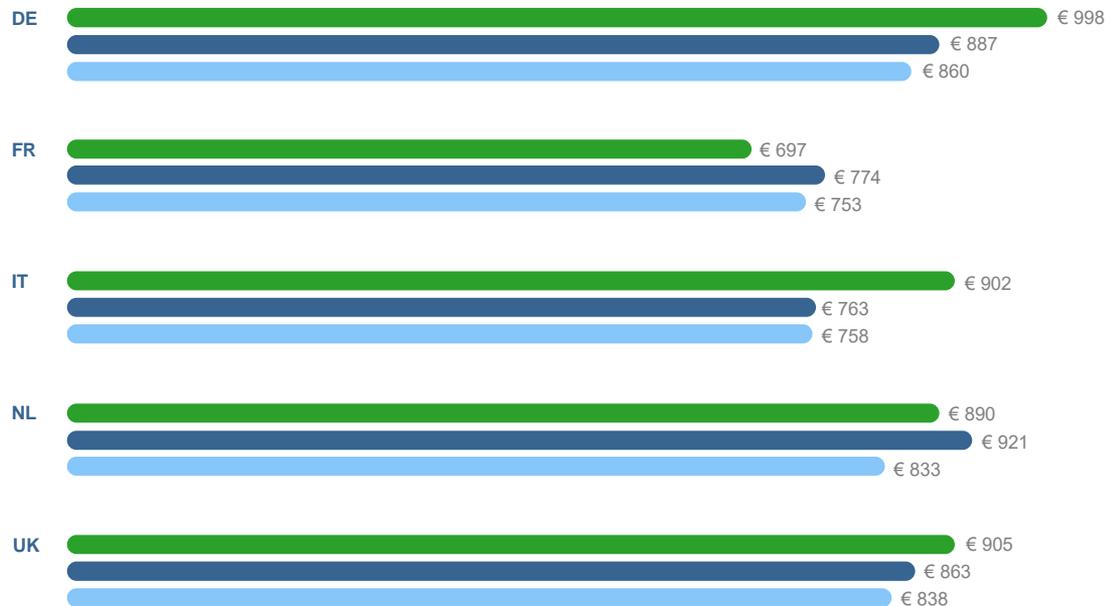
The cost of driving a vehicle is relatively
high in Northern Europe – e.g. Norway
and the Netherlands

In Eastern European countries,
the cost of driving is relatively low



Getting there: Sub-compact segment (B1 & SUV-B1)

Electric is steadily becoming more competitive in the sub-compact segment (9/22 countries)



Fuel types ● BEV ● Diesel ● Petrol

* Pricing highlighted for the five largest LeasePlan countries, other countries are shown in the appendix

Examples of models per segment

Volkswagen
Polo



Fuel types

- Diesel
- Petrol

Peugeot
208



Fuel types

- BEV
- Diesel
- Petrol

Opel
Mokka



Fuel types

- BEV
- Diesel
- Petrol

Volkswagen
T-Cross



Fuel types

- Diesel
- Petrol

Electric breakthrough: Compact segment (C1 & SUV-C1)

In the popular C-segment, electric cars are more affordable in most European countries (18/22)



* Pricing highlighted for the five largest LeasePlan countries, other countries are shown in the appendix

Examples of models per segment

Renault
Mégane



Fuel types

- BEV
- Plug-in Hybrid
- Diesel
- Petrol

Peugeot
308



Fuel types

- Plug-in Hybrid
- Diesel
- Petrol

Ford
Puma



Fuel types

- Plug-in Hybrid
- Diesel
- Petrol

Kia
Niro

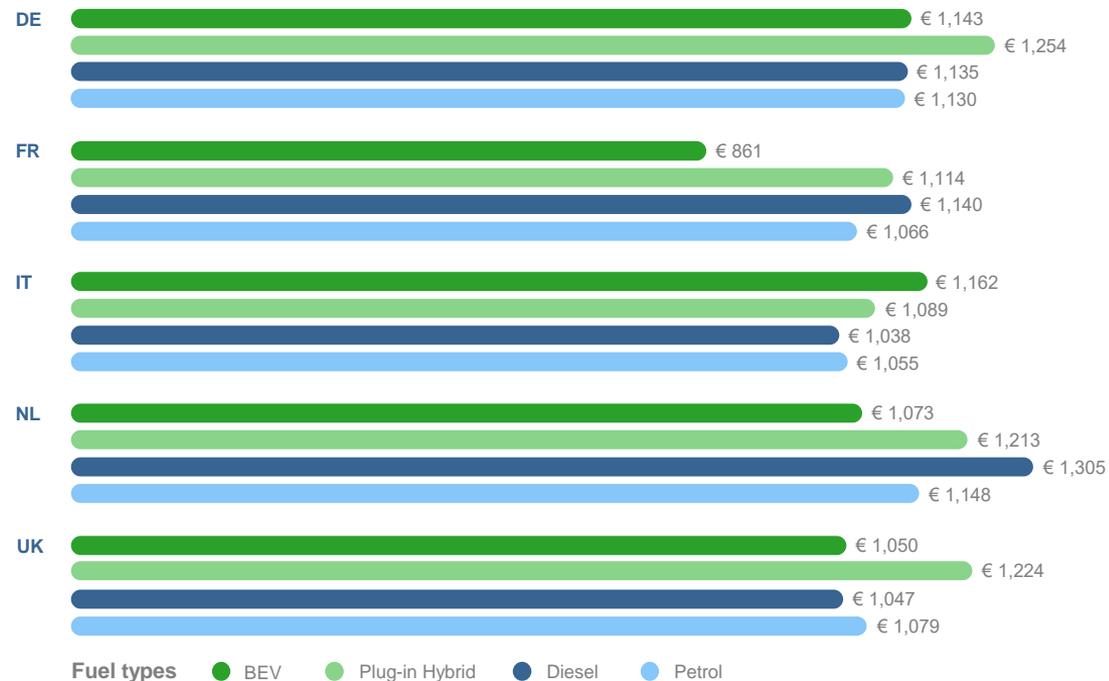


Fuel types

- BEV
- Plug-in Hybrid

Electric dominance: Mid-size standard segment (D1 & SUV-D1)

BEV is cost competitive in the D1 segment in all countries (19/22), except for Poland, Italy and the Czech Republic



* Pricing highlighted for the five largest LeasePlan countries, other countries are shown in the appendix

Examples of models per segment

Volkswagen
Passat



Fuel types

- Plug-in Hybrid
- Diesel
- Petrol

Hyundai
Ioniq 5



Fuel types

- BEV

Ford
Kuga



Fuel types

- Plug-in Hybrid
- Diesel
- Petrol

Skoda
Enyaq

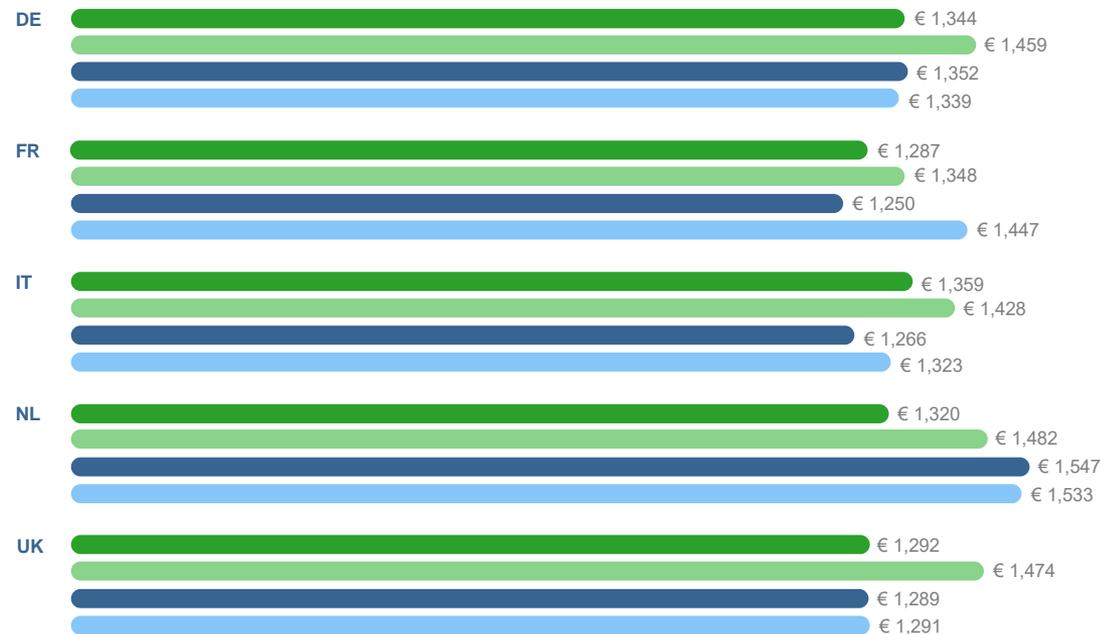


Fuel types

- BEV

Electric is the new normal: Mid-size premium segment (D2 & SUV-D2)

EVs are the most affordable option in virtually all researched countries for the D2 segment (18/22 countries)



Fuel types ● BEV ● Plug-in Hybrid ● Diesel ● Petrol

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Examples of models per segment

Polestar 2



Fuel types
● BEV

BMW 3 Series



Fuel types
● Plug-in Hybrid
● Diesel
● Petrol

Mercedes-Benz GLC Class



Fuel types
● Plug-in Hybrid
● Diesel
● Petrol

Audi Q4 E-tron



Fuel types
● BEV

EV Cost Competitiveness



Sub-compact (B1 & SUV-B1)

Electric is steadily becoming more competitive
in the sub-compact segment (9/22 countries)



EVs Cost Competitive

● Yes ● No

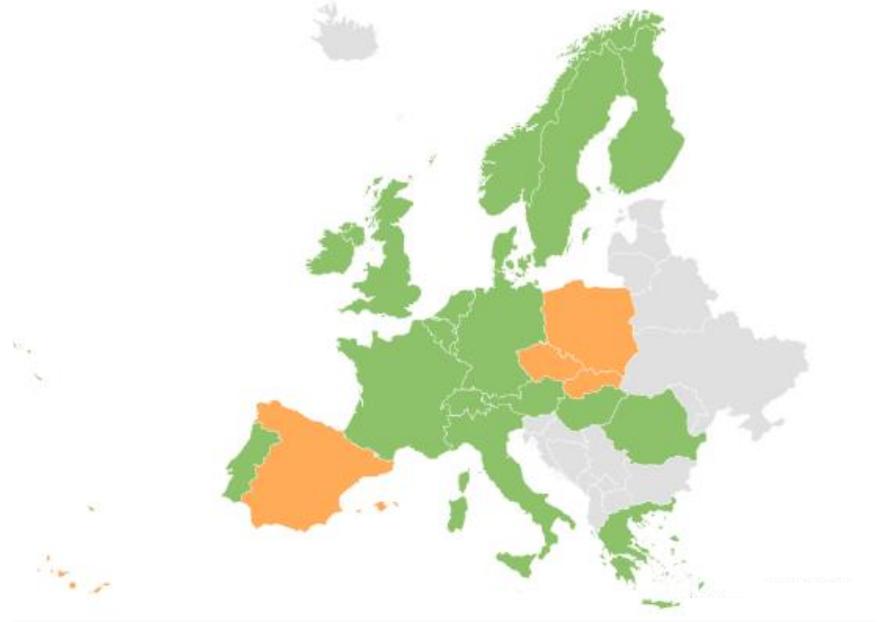
*An EV is defined as 'cost-competitive' when its TCO is within a 5% margin of the TCO of the ICE vehicle

EV Cost Competitiveness



Compact (C1 & SUV-C1)

In the popular C-segment, electric cars are more affordable in most European countries (18/22)



EVs Cost Competitive

● Yes ● No

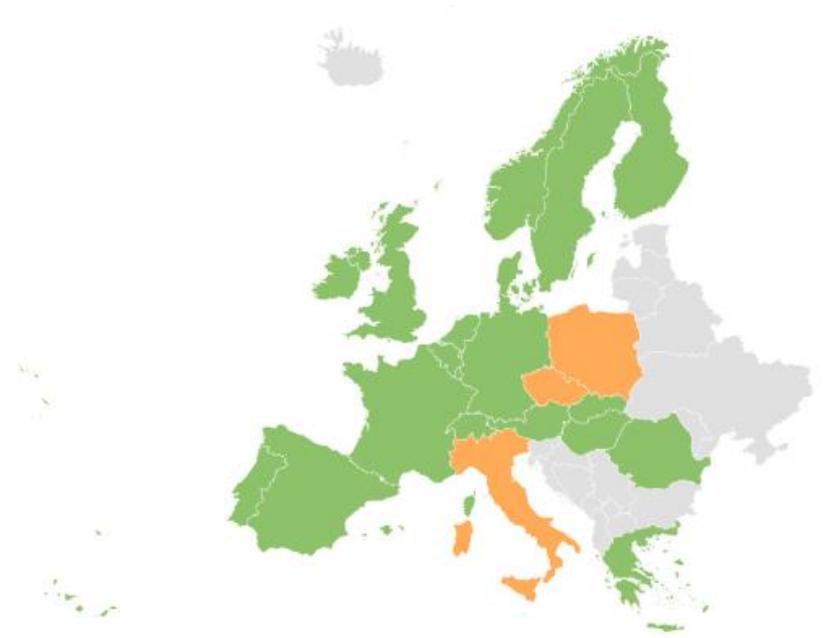
*An EV is defined as 'cost-competitive' when its TCO is within a 5% margin of the TCO of the ICE vehicle

EV Cost Competitiveness



Mid-size standard segment (D1 & SUV-D1)

BEV is cost competitive in the D1 segment in all countries (19/22), except for Poland, Italy and the Czech Republic



EVs Cost Competitive

● Yes ● No

*An EV is defined as 'cost-competitive' when its TCO is within a 5% margin of the TCO of the ICE vehicle

EV Cost Competitiveness



Mid-size premium segment (D2 & SUV-D2)

EVs are the most affordable option in virtually all researched countries for the D2 segment (18/22 countries)



EVs Cost Competitive

● Yes ● No

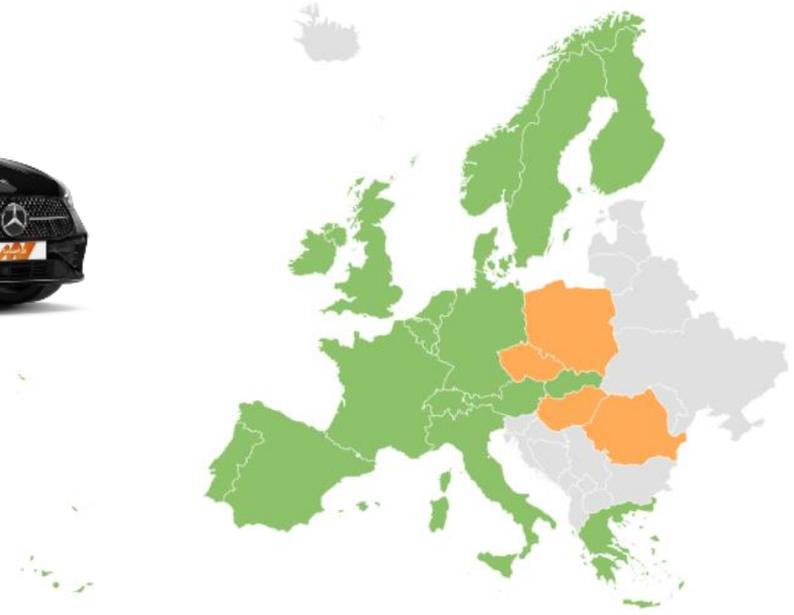
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EV Cost Competitiveness



Tesla Model Y vs. Mercedes-Benz C-Class

The Model Y is more affordable than the C-Class (two popular fleet cars) in 18/22 countries



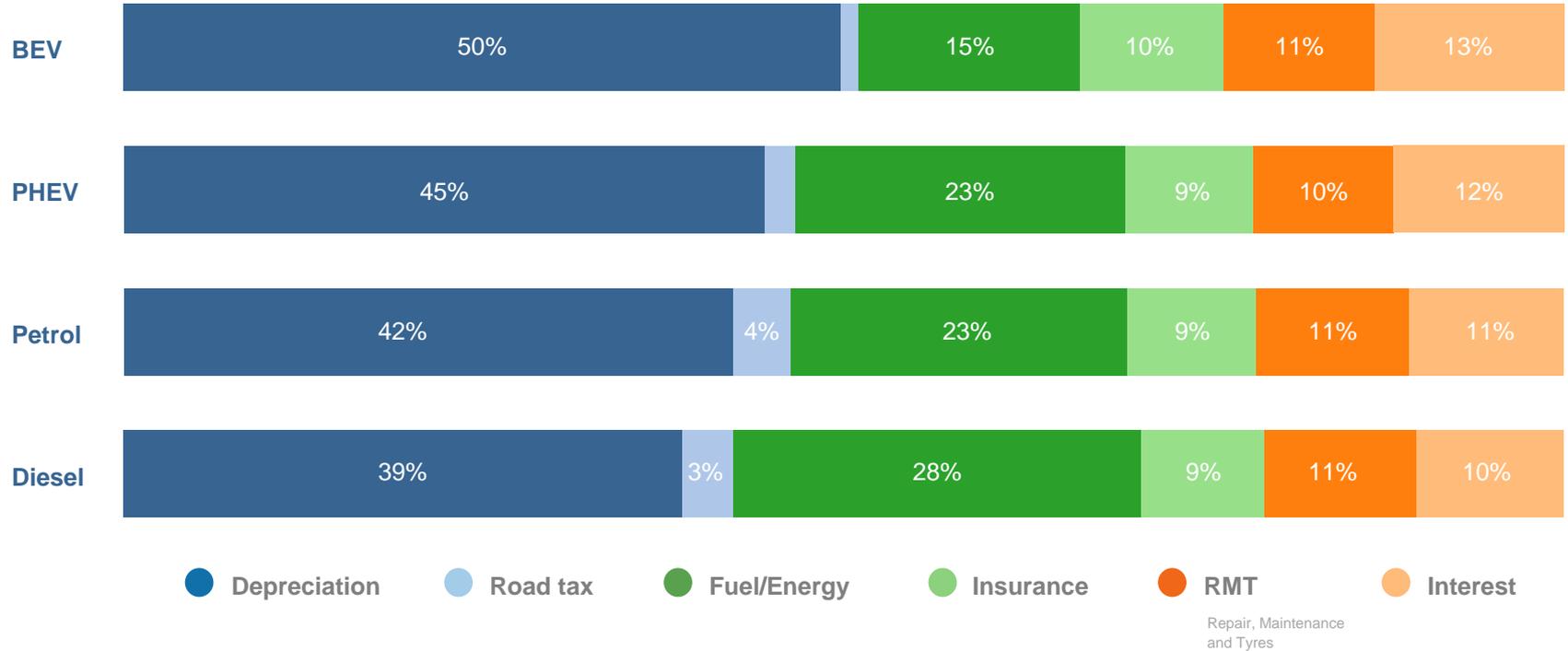
Lowest TCO

● Yes ● No

*The Model Y and C-Class are comparable in terms of catalogue price, size and specifications.

BEVs have a higher **initial investment** but lower **running costs**

TCO Breakdown



- The TCO breakdown above shows all four fuel/energy types across all 22 European countries in scope
- The calculations exclude VAT



Appendix

Car Cost Index 2022

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Appendix A: Overview of car segments

The letter indicates the dimensions of the vehicle with **C** being smaller than **E**. The number indicates the quality level of a brand with **1** being a 'volume brand' and **2** being 'premium brand'

	Volume cars (1)			Premium cars (2)		LCVs
	Hatchback / sedan / SW	SUV	MPV	Hatchback / sedan / SW	SUV	
Subcompact cars (B)	 B1 – Opel Corsa-e	 SUV-B1 – VW T-Cross		 B2 – Mini Cooper		 Small – VW Caddy
Compact cars (C)	 C1 – Cupra Born	 SUV-C1 – VW T-Roc	 MPV-C – VW Touran	 C2 – BMW 1 series	 SUV-C2 – MB EQA	 Medium – VW Transporter
Midsized cars (D)	 D1 – VW Passat	 SUV-D1 – VW ID.4	 MPV-D – VW Sharan	 D2 – Polestar 2	 SUV-D2 – BMW X3	 Large – VW Crafter
Full-size cars (E)				 E2 – Volvo S90	 SUV-E2 – Audi e-tron	

Car models used in the CCI 2022 per vehicle segment

Segment

Internal Combustion Engine (ICE)

Battery Electric Vehicle (BEV)

B1

VW Polo Peugeot 208 Opel Corsa

Opel Corsa-e Renault Zoe Peugeot e208

C1

VW Golf Peugeot 308 Renault Megane

VW ID.3 Nissan Leaf Renault Megane E-tech

D1

VW Passat Peugeot 508 Opel Insignia

MG 5 Kia EV6 Ioniq 5

D2

Audi A4 MB C-Class BMW 3 Series

Model 3 Polestar 2 BMW I4 Tesla Model Y

SUV-B1

VW T-Cross Peugeot 2008 Opel Mokka

Opel eMokka Peugeot e2008 Hyundai Kona

SUV-C1

Ford Puma Peugeot 3008 Opel Grandland X

MG ZS Kia Niro Mazda MX-30

SUV-D1

VW Tiguan Peugeot 5008 Ford Kuga

MG Marvel R VW ID.4 Skoda Enyaq

SUV-D2

Audi Q5 MB GLC-Class BMW X3

Audi e-Tron Q4 Mustang Mach-e MB EQC BMW IX3



Average TCO per country for the **Sub-compact segment (B1 & SUV-B1)**

	AT	BE	CH	CZ	DE	DK	ES	FI	FR	GR	HU	IE	IT	LU	NL	NO	PL	PT	RO	SE	SK	UK
BEV	€ 936	€ 946	€ 962	€ 1,003	€ 998	€ 865	€ 867	€ 835	€ 697	€ 696	€ 823	€ 825	€ 902	€ 857	€ 890	€ 886	€ 790	€ 735	€ 784	€ 964	€ 826	€ 905
Diesel	€ 830	€ 878	€ 1,088	€ 751	€ 887	€ 864	€ 717	€ 877	€ 774	€ 663	€ 755	€ 818	€ 763	€ 864	€ 921	*	€ 643	€ 869	€ 719	*	€ 689	€ 863
Petrol	€ 847	€ 840	€ 1,012	€ 746	€ 860	€ 888	€ 715	€ 903	€ 753	€ 666	€ 765	€ 818	€ 758	€ 850	€ 833	€ 1,073	€ 601	€ 779	€ 711	€ 877	€ 703	€ 838

* Diesel models in the B1 & SUV-B1 segment not available in Norway and Sweden



Average TCO per country for the **Compact segment (C1 & SUV-C1)**

	AT	BE	CH	CZ	DE	DK	ES	FI	FR	GR	HU	IE	IT	LU	NL	NO	PL	PT	RO	SE	SK	UK
BEV	€ 945	€ 940	€ 1,092	€ 1,071	€ 984	€ 926	€ 895	€ 853	€ 753	€ 767	€ 882	€ 839	€ 941	€ 832	€ 948	€ 983	€ 792	€ 773	€ 798	€ 885	€ 876	€ 919
PHEV	€ 1,145	€ 1,173	€ 1,3346	€ 1,130	€ 1,139	€ 1,085	€ 1,022	€ 1,087	€ 961	€ 944	€ 1,111	€ 989	€ 1,057	€ 1,104	€ 1,055	€ 1,253	€ 987	€ 1,104	€ 986	€ 1,034	€ 972	€ 1,084
Diesel	€ 916	€ 1,001	€ 1,220	€ 921	€ 1,029	€ 1,111	€ 845	€ 1,081	€ 904	€ 776	€ 938	€ 906	€ 938	€ 1,007	€ 1,137	€ 1,263	€ 776	€ 1,217	€ 885	€ 1,102	€ 823	€ 941
Petrol	€ 977	€ 1,002	€ 1,205	€ 865	€ 1,008	€ 1,022	€ 843	€ 1,063	€ 868	€ 804	€ 912	€ 907	€ 908	€ 973	€ 984	€ 1,232	€ 727	€ 1,179	€ 798	€ 1,035	€ 842	€ 954



Average TCO per country for the **Mid-size standard segment (D1 & SUV-D1)**

	AT	BE	CH	CZ	DE	DK	ES	FI	FR	GR	HU	IE	IT	LU	NL	NO	PL	PT	RO	SE	SK	UK
BEV	€ 1,121	€ 1,117	€ 1,264	€ 1,256	€ 1,143	€ 1,014	€ 1,059	€ 991	€ 861	€ 844	€ 1,100	€ 993	€ 1,162	€ 980	€ 1,073	€ 1,193	€ 959	€ 898	€ 1,034	€ 1,036	€ 961	€ 1,050
PHEV	€ 1,429	€ 1,559	€ 1,486	€ 1,327	€ 1,254	€ 1,129	€ 1,178	€ 1,132	€ 1,114	€ 1,044	€ 1,170	€ 1,068	€ 1,089	€ 1,209	€ 1,213	€ 1,247	€ 1,066	€ 1,289	€ 1,044	€ 1,141	€ 1,069	€ 1,224
Diesel	€ 1,120	€ 1,159	€ 1,376	€ 1,119	€ 1,135	€ 1,116	€ 1,042	€ 1,172	€ 1,140	€ 934	€ 1,147	€ 1,033	€ 1,038	€ 1,165	€ 1,305	€ 1,365	€ 931	€ 1,364	€ 1,006	€ 1,155	€ 958	€ 1,047
Petrol	€ 1,125	€ 1,141	€ 1,362	€ 1,139	€ 1,130	€ 1,137	€ 1,022	€ 1,149	€ 1,066	€ 1,018	€ 1,157	€ 1,066	€ 1,055	€ 1,160	€ 1,148	€ 1,475	€ 880	€ 1,466	€ 1,010	€ 1,114	€ 1,035	€ 1,079

Average TCO per country for the Mid-size premium segment (D2 & SUV-D2)

	AT	BE	CH	CZ	DE	DK	ES	FI	FR	GR	HU	IE	IT	LU	NL	NO	PL	PT	RO	SE	SK	UK
BEV	€ 1,223	€ 1,199	€ 1,394	€ 1,589	€ 1,344	€ 1,065	€ 1,309	€ 1,076	€ 1,287	€ 997	€ 1,422	€ 1,160	€ 1,359	€ 1,121	€ 1,320	€ 1,318	€ 1,249	€ 1,051	€ 1,191	€ 1,141	€ 1,226	€ 1,292
PHEV	€ 1,429	€ 1,559	€ 1,763	€ 1,586	€ 1,459	€ 1,285	€ 1,515	€ 1,276	€ 1,348	€ 1,242	€ 1,422	€ 1,336	€ 1,428	€ 1,358	€ 1,482	€ 1,592	€ 1,328	€ 1,547	€ 1,190	€ 1,231	€ 1,330	€ 1,474
Diesel	€ 1,251	€ 1,245	€ 1,596	€ 1,411	€ 1,352	€ 1,291	€ 1,311	€ 1,340	€ 1,250	€ 1,133	€ 1,369	€ 1,315	€ 1,266	€ 1,254	€ 1,547	€ 1,582	€ 1,136	€ 1,650	€ 1,217	€ 1,186	€ 1,146	€ 1,289
Petrol	€ 1,420	€ 1,310	€ 1,679	€ 1,416	€ 1,339	€ 1,389	€ 1,387	€ 1,346	€ 1,447	€ 1,211	€ 1,356	€ 1,488	€ 1,323	€ 1,297	€ 1,533	€ 1,616	€ 1,109	€ 1,592	€ 1,489	€ 1,232	€ 1,231	€ 1,291



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