

Car Cost Index 2022

LeasePlan International Consultancy Services

A red Ford Mustang is shown from a front-three-quarter view, driving on a multi-lane highway. The car is in motion, with a slight blur on the wheels. In the background, several wind turbines are visible against a clear blue sky. The highway has a metal guardrail on the left and a dashed white line on the road surface.

LeasePlan

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

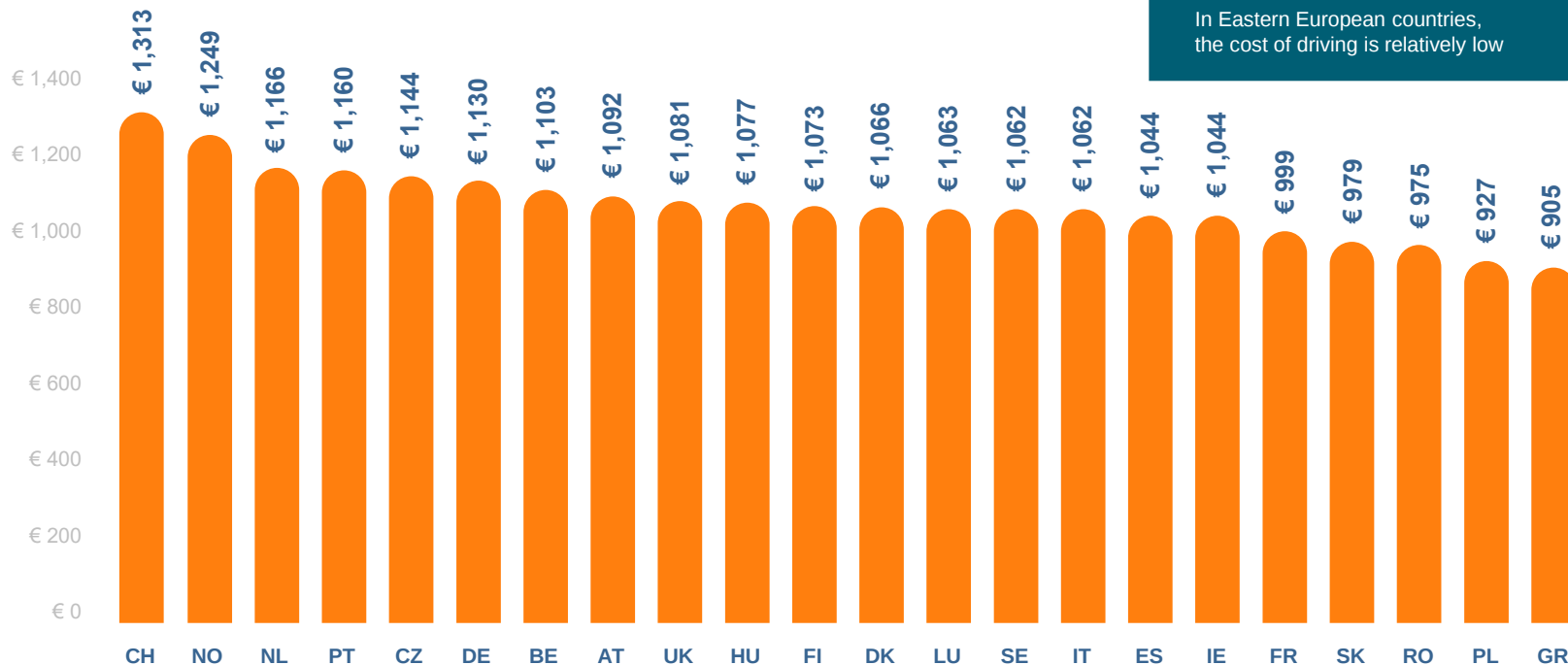
There are more EV models on the market than ever before. The first Car Cost Index surveyed only 11 EVs, while this year's edition includes 33

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

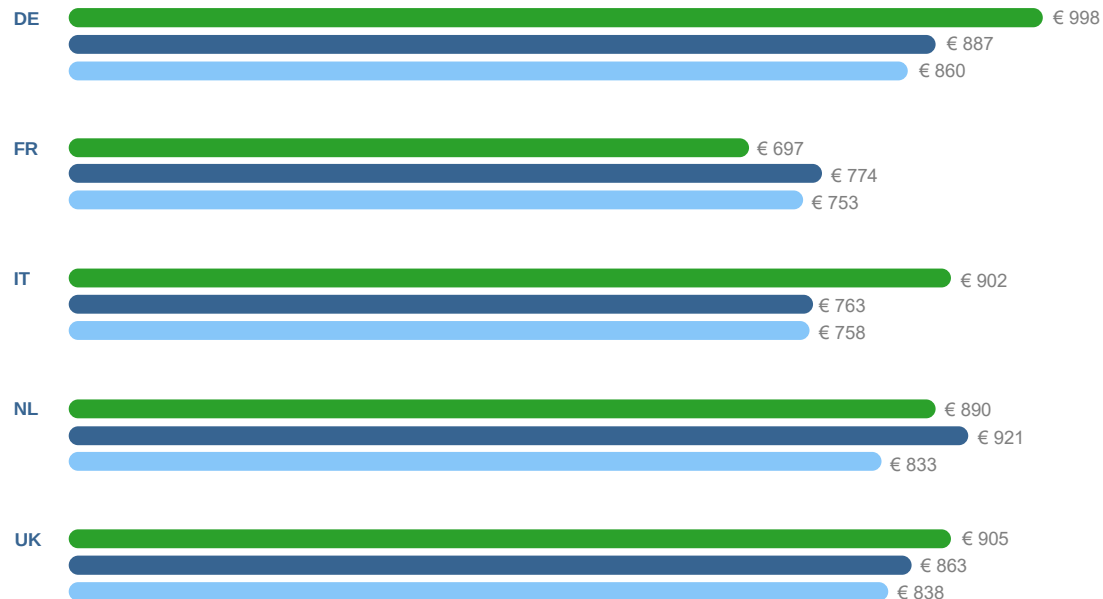
In Eastern European countries,
the cost of driving is relatively low



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

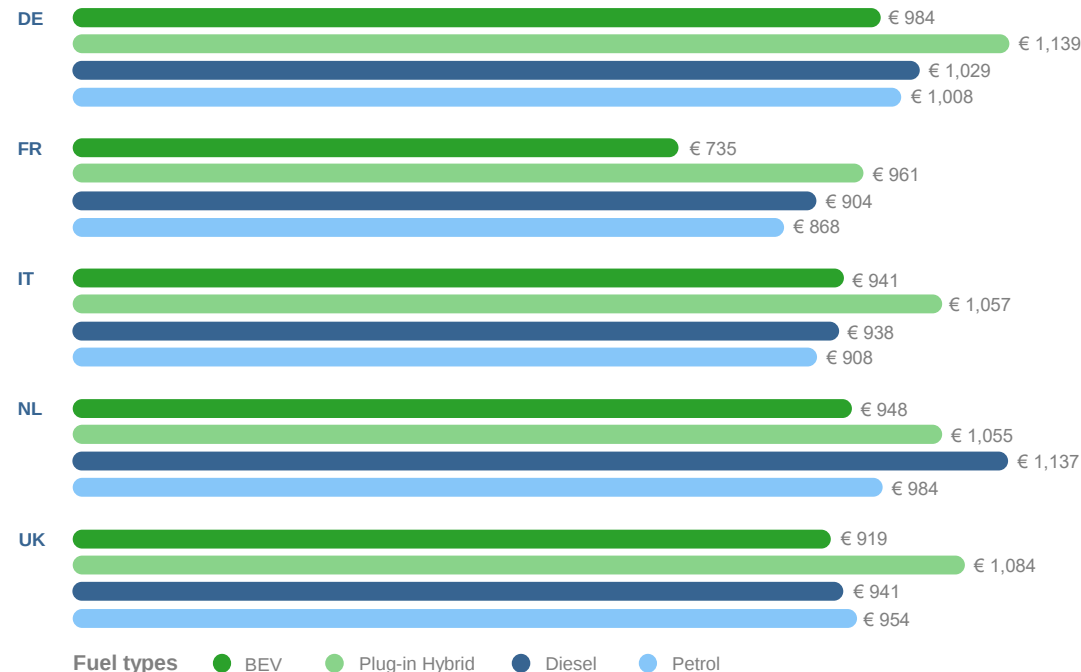


Fuel types

- 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

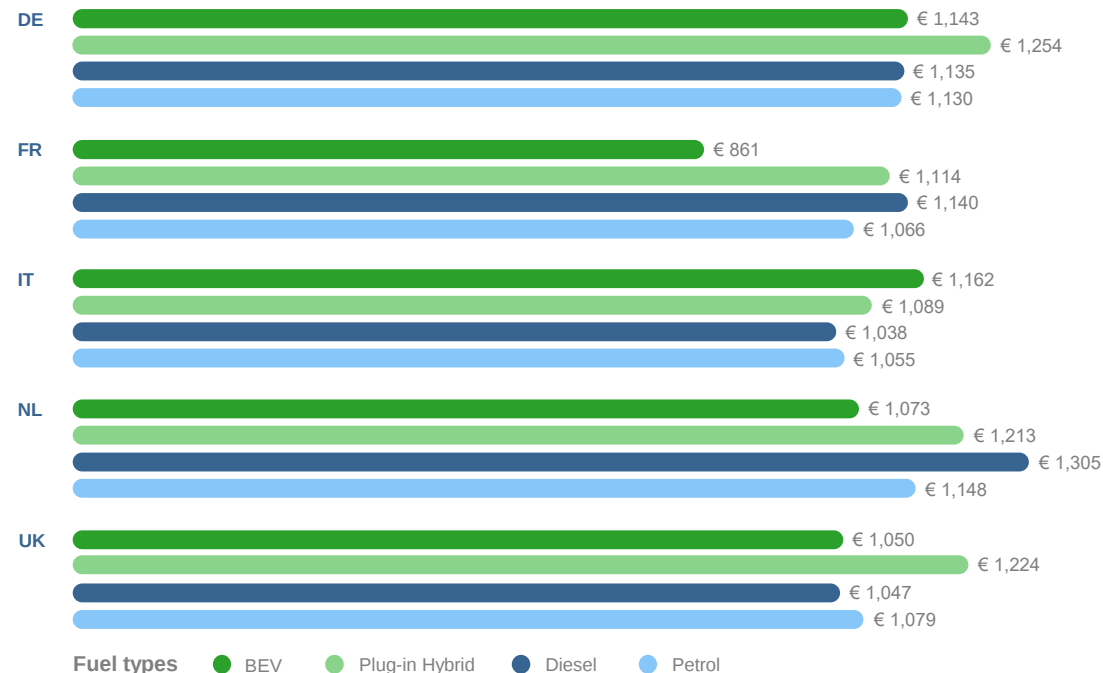


Fuel types

- 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

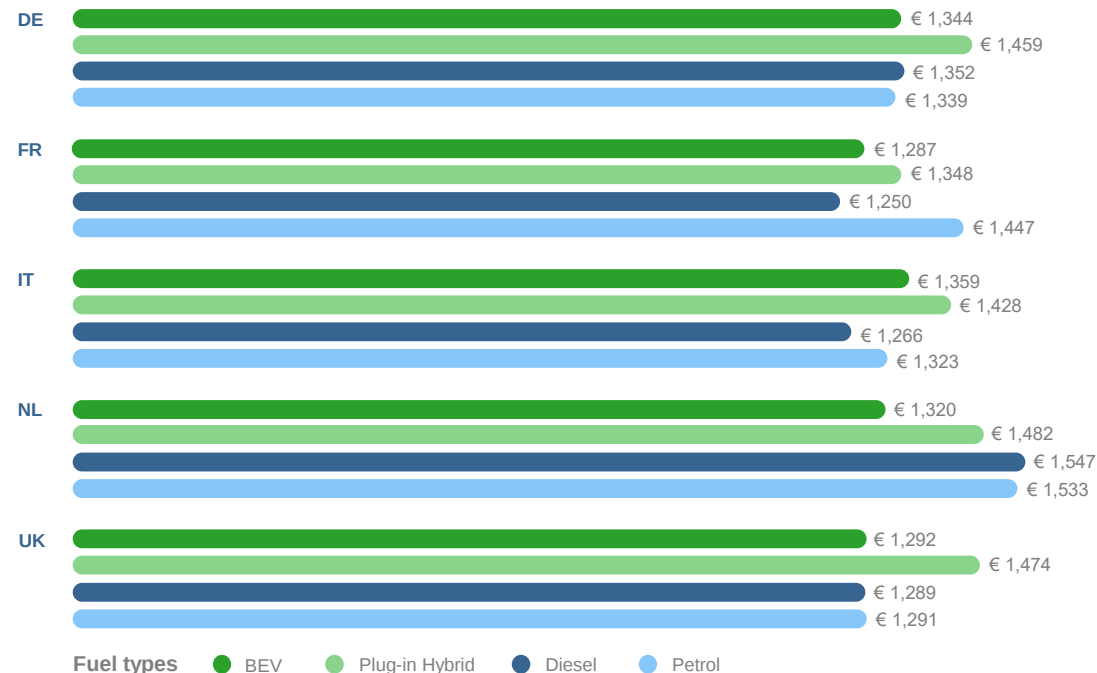


Fuel types

- 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)



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

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

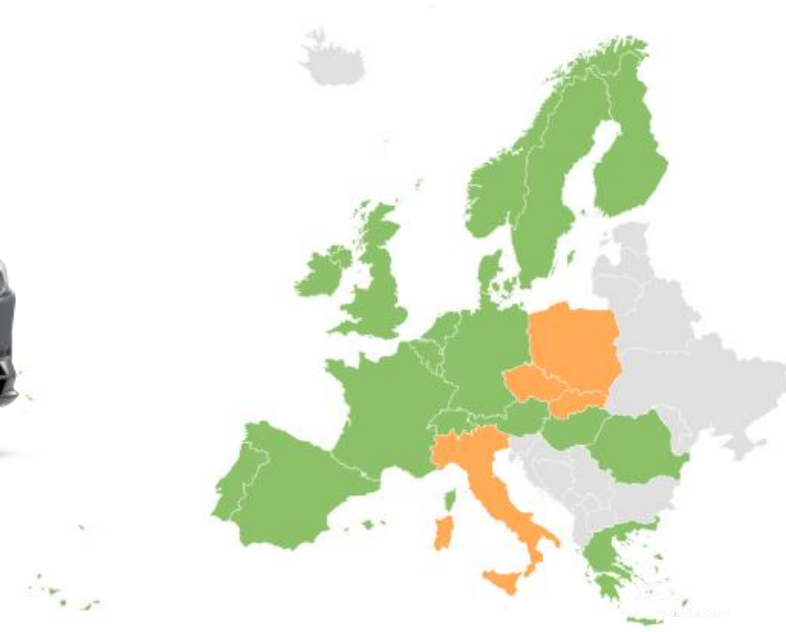
*An EV is defined as 'cost-competitive' when its TCO is within a 5% margin of the TCO of the ICE vehicle

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)

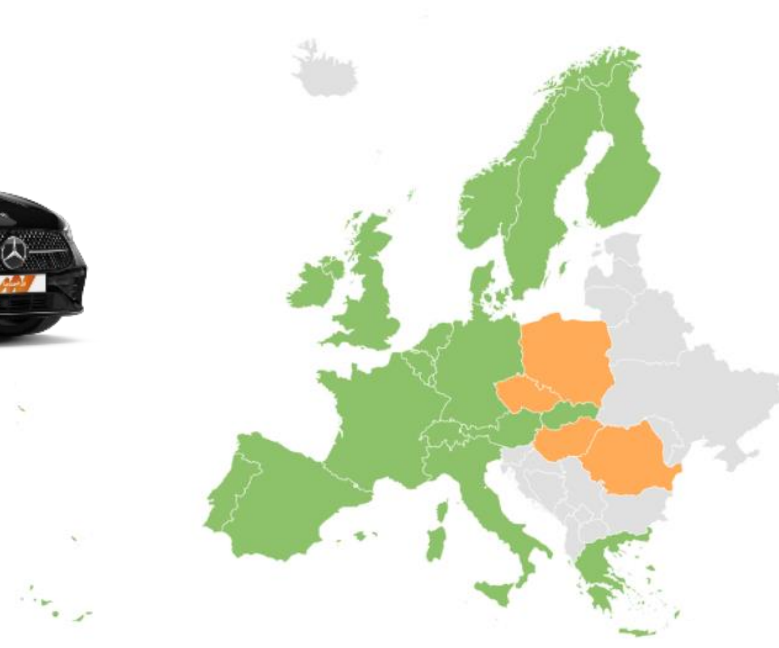


EVs Cost Competitive

● Yes ● No

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

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

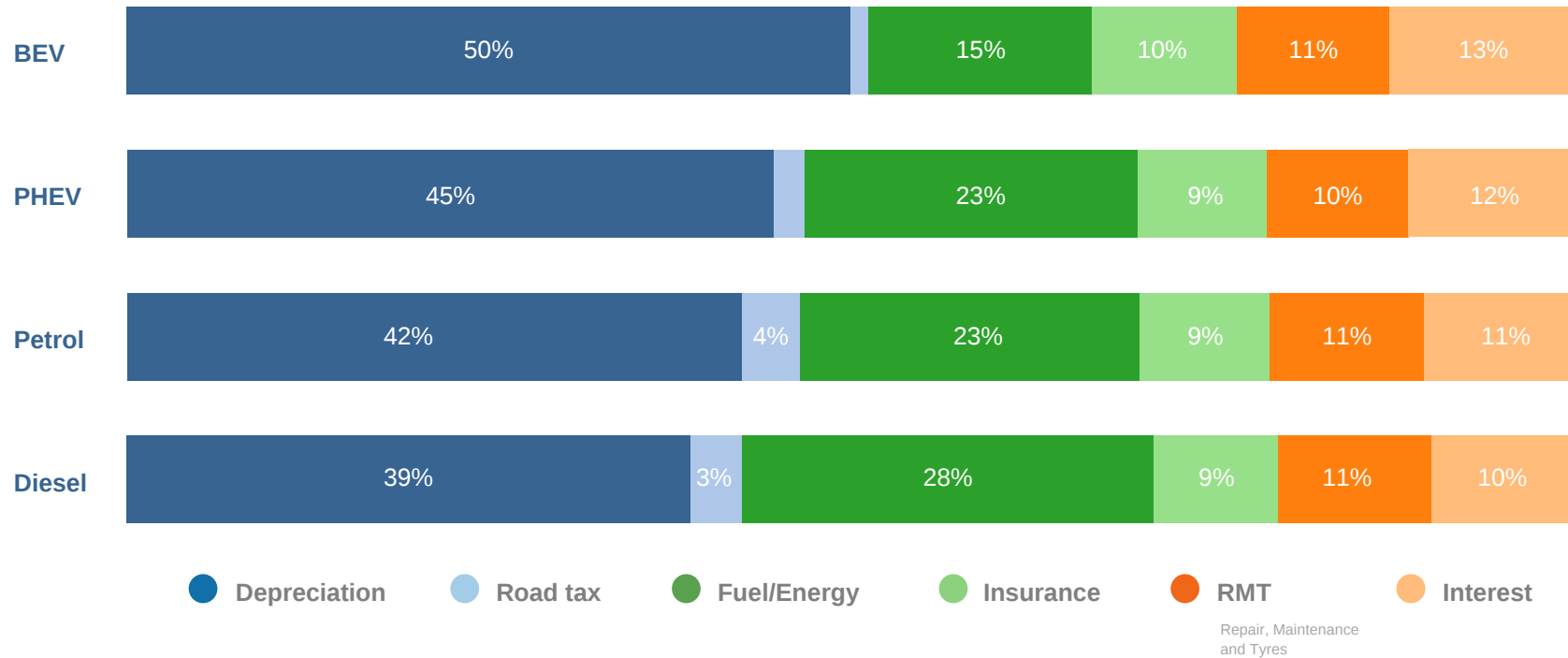


● Yes ● No

*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

LeasePlan

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



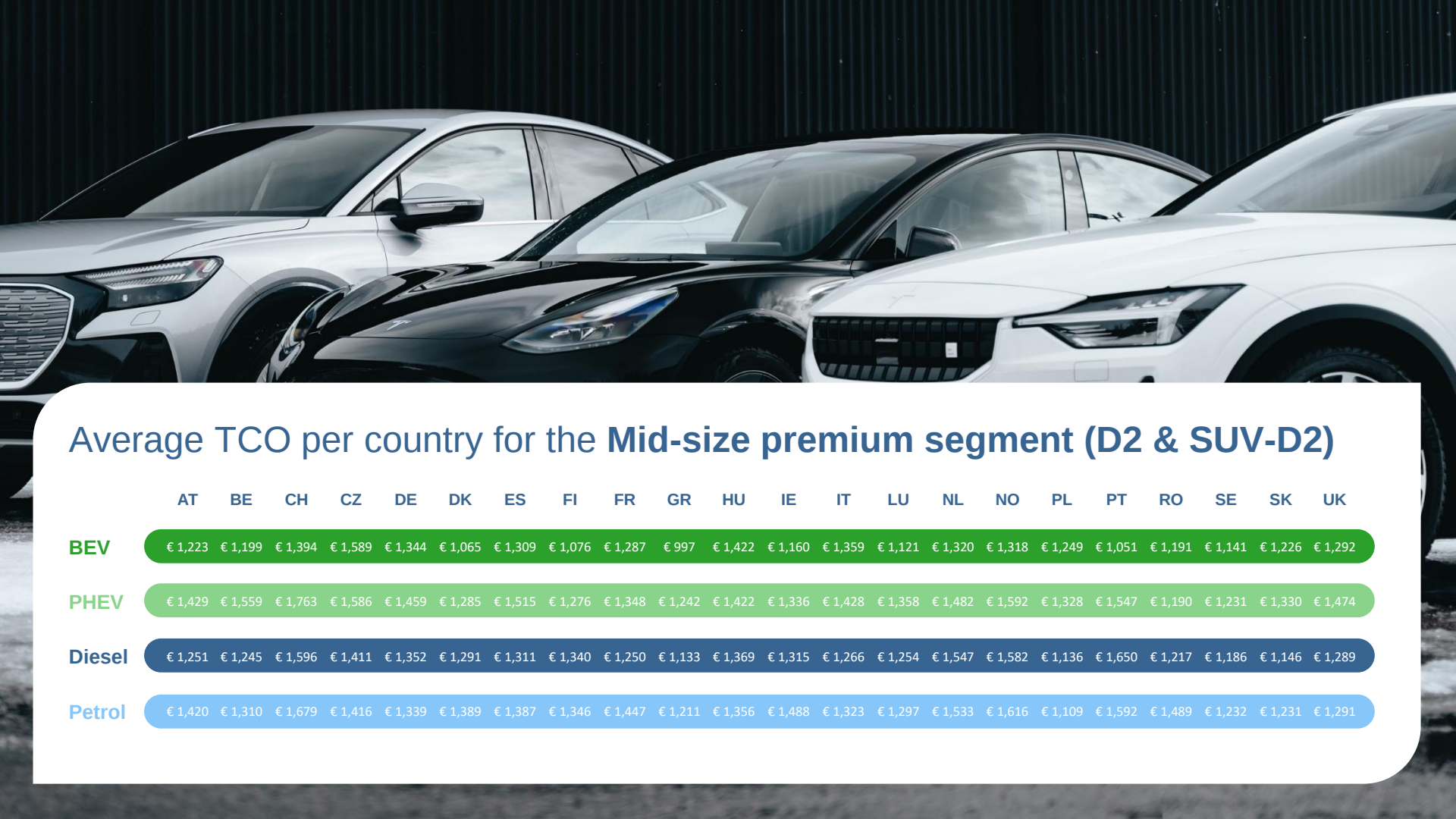
Average TCO per country for the Compact segment (C1 & SUV-C1)

	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	€ 1,334	€ 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



Disclaimer

This material has been approved solely by, and is the responsibility of LeasePlan Corporation N.V. ("LPC") on the basis of historic information provided by LeasePlan country organisations and LPC. LPC makes no representation or warranty (express or implied) of any nature, nor does it accept any responsibility or liability of any kind, with respect to the accuracy or completeness of any of the information or opinions in this material.

The information contained in this document is derived from sources that have not been independently verified. LPC gives no undertaking and is under no obligation to provide the recipient with access to any additional information or to update this document or to correct any inaccuracies in it which may become apparent, and it reserves the right, without giving reasons, at any time and in any respect to amend or terminate the information described herein.

Except in the case of fraudulent misrepresentation, neither LPC nor any of its affiliates, advisers or representatives shall have any liability for any direct, indirect, consequential or other losses or damages including loss of profits incurred by you or any third party that may arise from any reliance on (1) this document or for the reliability, accuracy, completeness or timeliness thereof or (2) for any other written or oral information made available by LPC in connection herewith or (3) any data which any such information generates.

LeasePlan



Media Contact



Hayden Lutek

Head of External Relations

media@leaseplancorp.com

+31 6 21370324