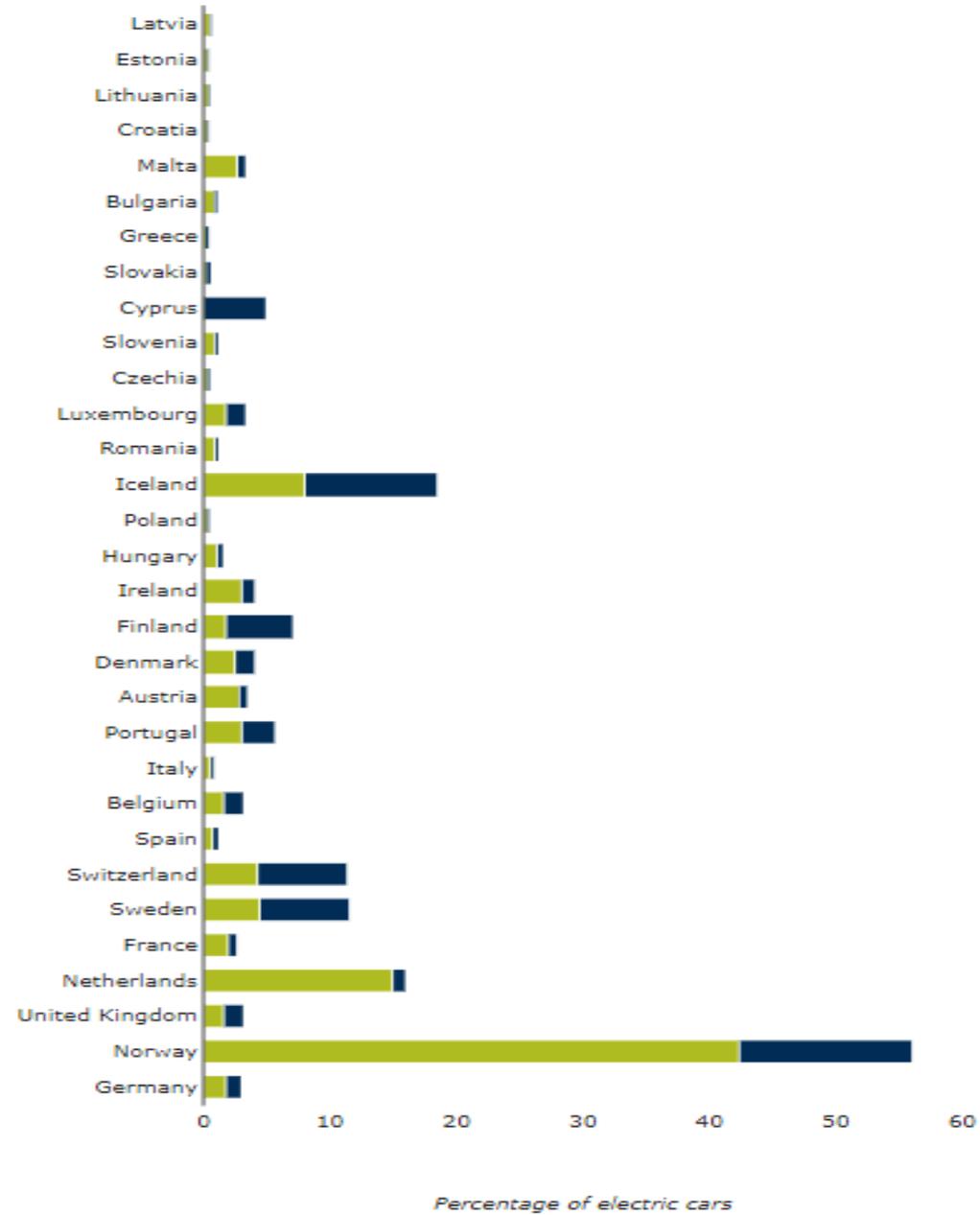


Electric vs Gasoline vehicles

Johannes Fuchsberger, Matej Stepanek

Relative — Newly registered electric cars by country



Fuel costs in Austria

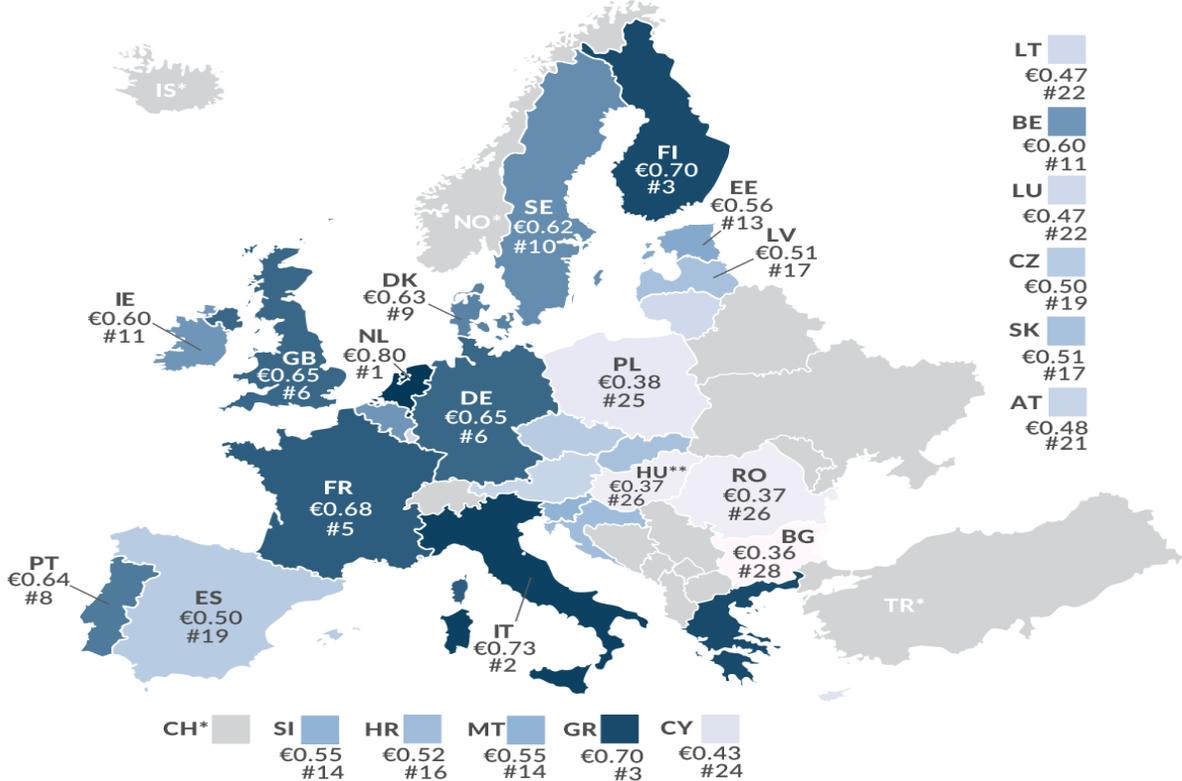
Fuel type	Taxes	Price after taxation
Diesel (commercial)	0,41€/l	0,88€/l
Diesel (private)	0,58€/l	1,05€/l
Petrol (commercial) (95 Oct)	0,49€/l	0,9€/l
Petrol (private) (95 Oct)	0,67€/l	1,08€/l
Electric Energy (industry)	0,027€/kWh	0,104€/kWh
Electric Energy (private)	0,073€/kWh	0,204€/kWh

Tabel 3 fuel costs 2020 by type⁴

Gas taxation across Europe

Gas Taxes in Europe

Excise Duty per Liter (0.26 Gallons) of Unleaded Petroleum in Euros, as of January 2020

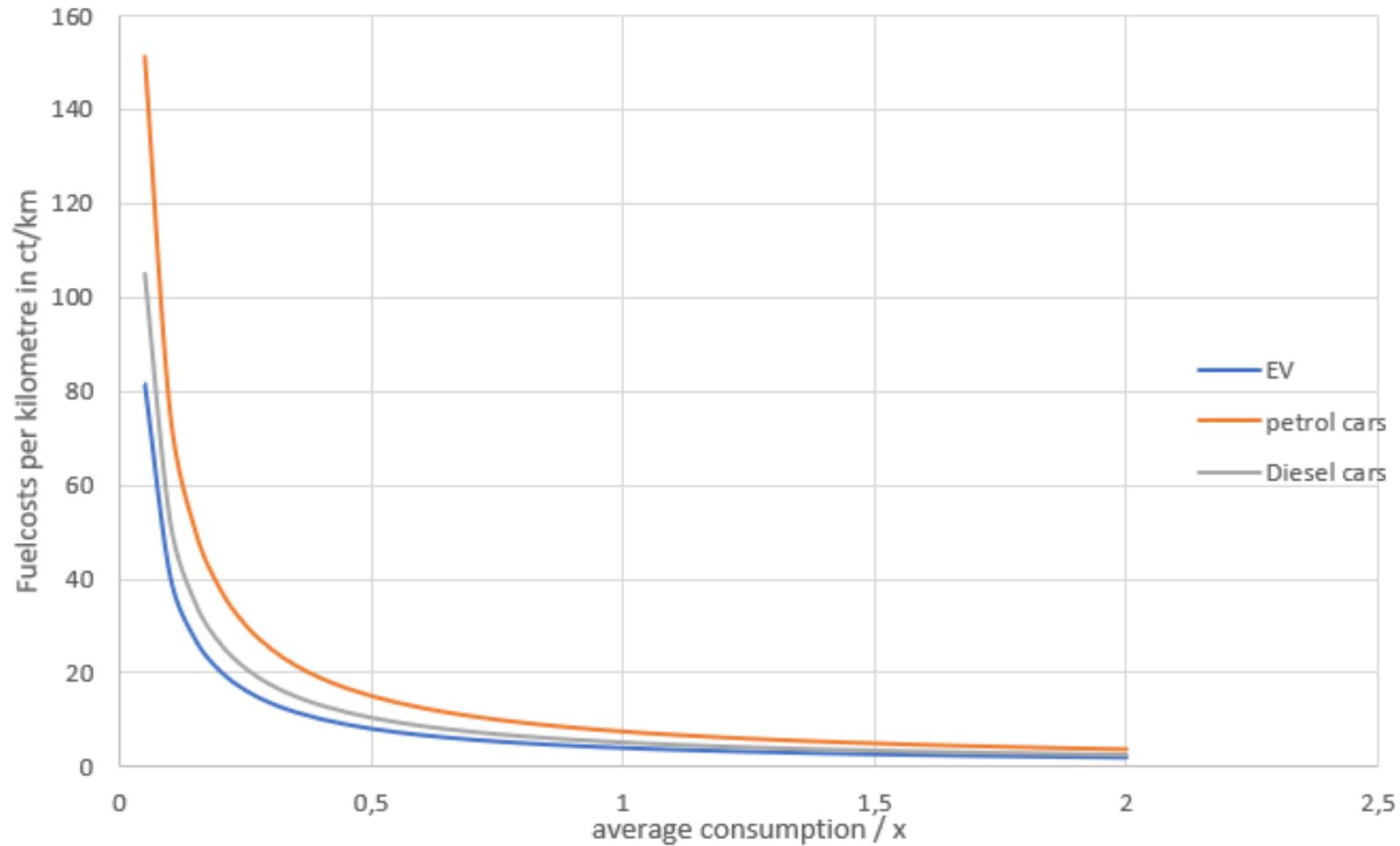


Note: The excise duties apply to petroleum with a sulphur content of < 10 mg/kg, RON 95, bioethanol content, and, if applicable, include carbon taxes and surcharges. *Iceland, Norway, Switzerland, and Turkey are not part of the European Union (EU). No comparable data was available for European non-EU countries. **Hungary's excise duty increases to EUR 0.38 if the world market price of crude oil is at or below 50 USD/barrel.
 Source: European Commission, "Excise Duty Tables: Part II - Energy products and Electricity."

Excise Duty per Liter (0.26 Gallons) of Unleaded Petroleum in Euros, as of January 2020

Fuel cost comparison

Cost per kilometre by fuel type

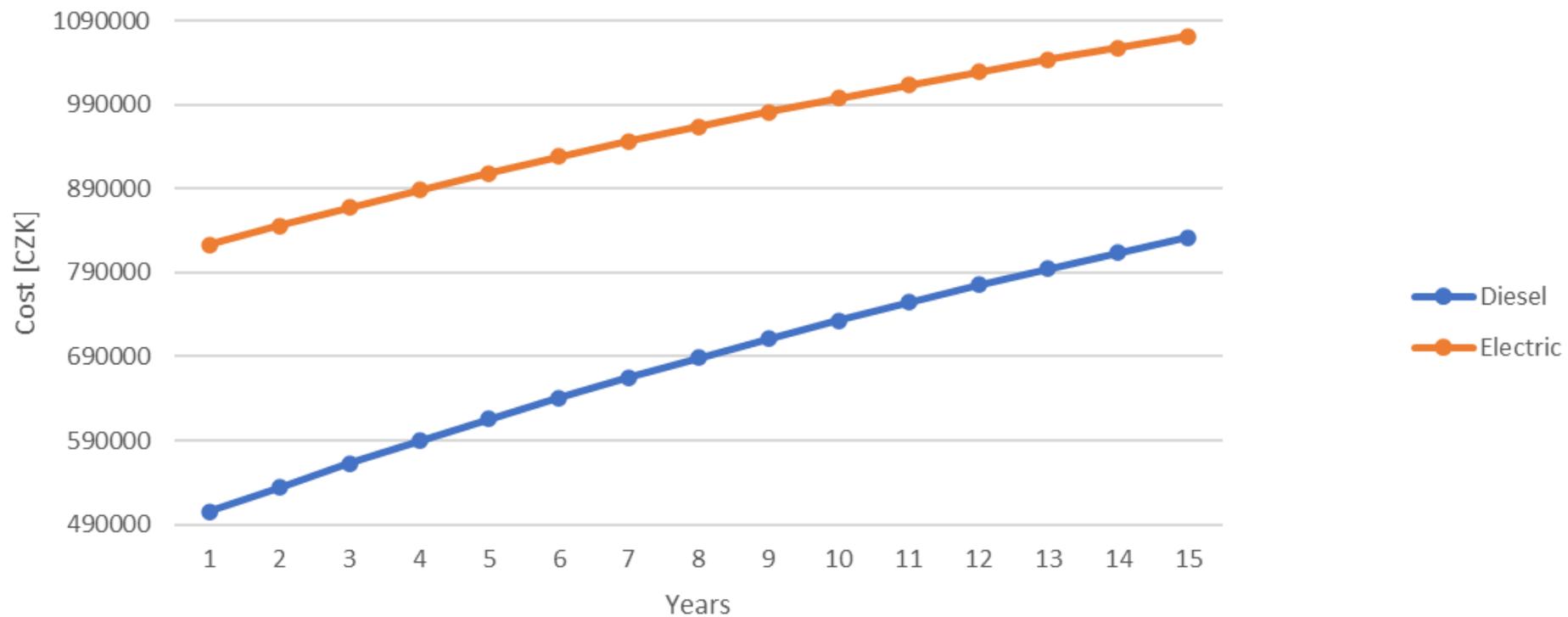


Maintenance aspects

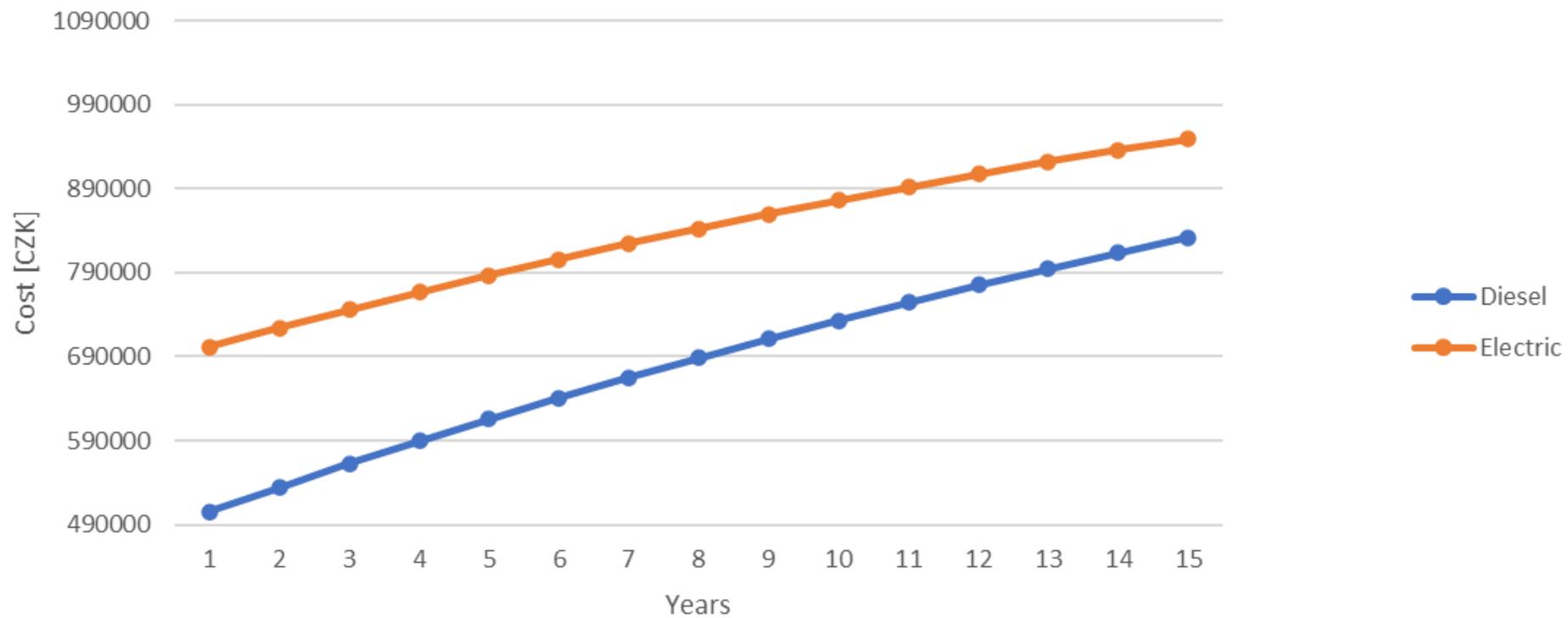
- ▶ Gasoline cars
 - ▶ Oil change
 - ▶ Filters
 - ▶ Brakes
 - ▶ Gearbox
- ▶ Electric vehicles
 - ▶ Brakes

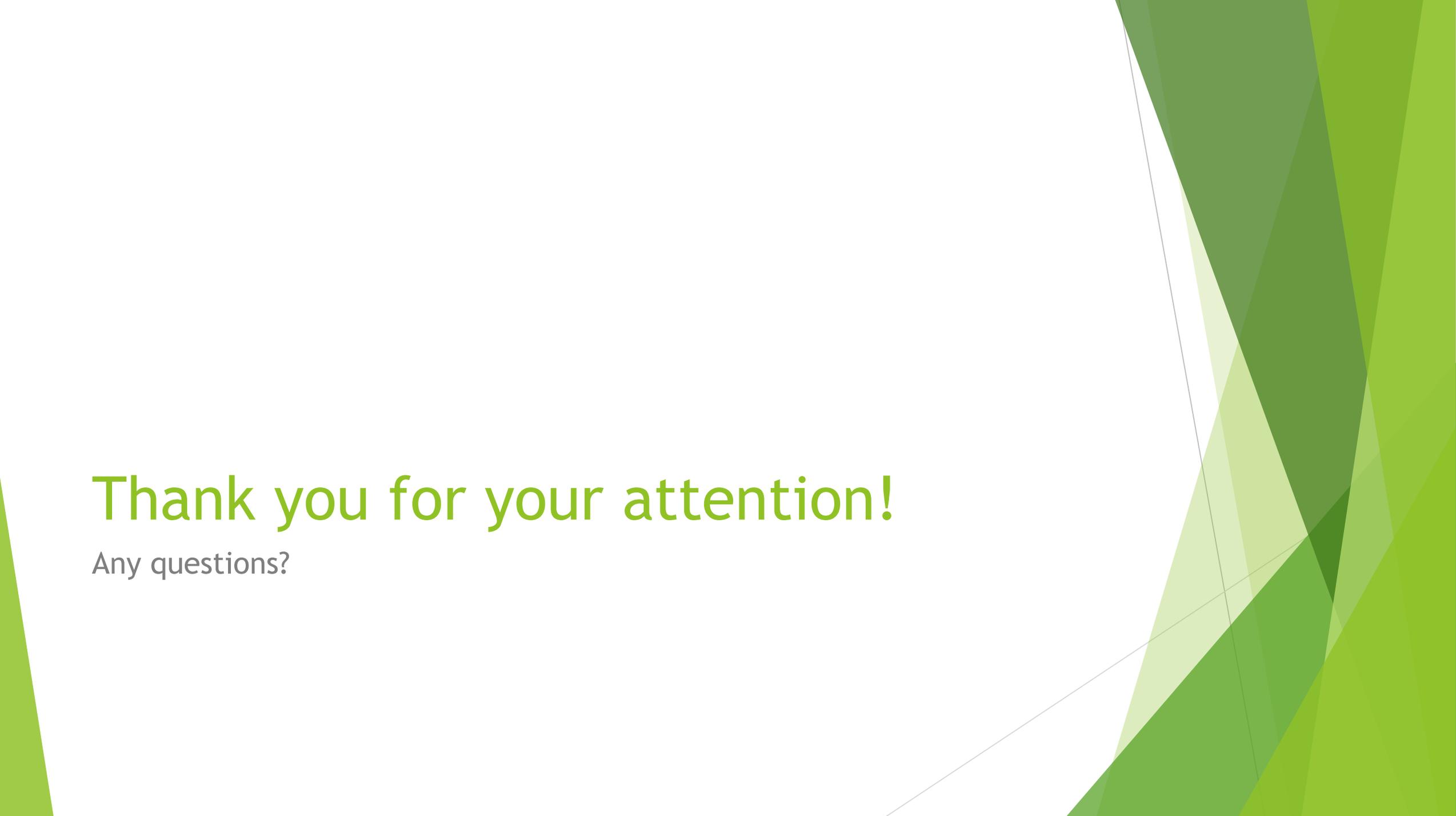
Car type	Diesel	Electric	Diesel	Electric
Purchasing cost	493 900 Kč	831 900 Kč	19 476 €	32 804 €
Fuel cost [CZK/yr.]	16 898 Kč	12 905 Kč	666 €	509 €
Maintenance cost	13 000 Kč	11 500 Kč	513 €	453 €
Tax*	3 000 Kč	- Kč	118 €	- €
Years of usege	15	15	15	15
NPV	- 865 353 Kč	- 1 114 103 Kč	- 34 123 €	- 43 932 €

Cumulative DCF without subsidies



Cumulative DCF without subsidies



The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the slide, creating a modern, layered effect. The rest of the slide is a plain white background.

Thank you for your attention!

Any questions?