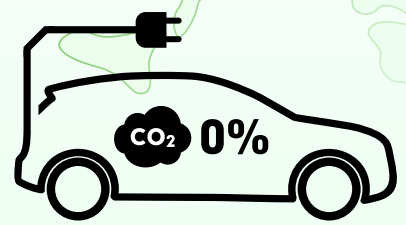
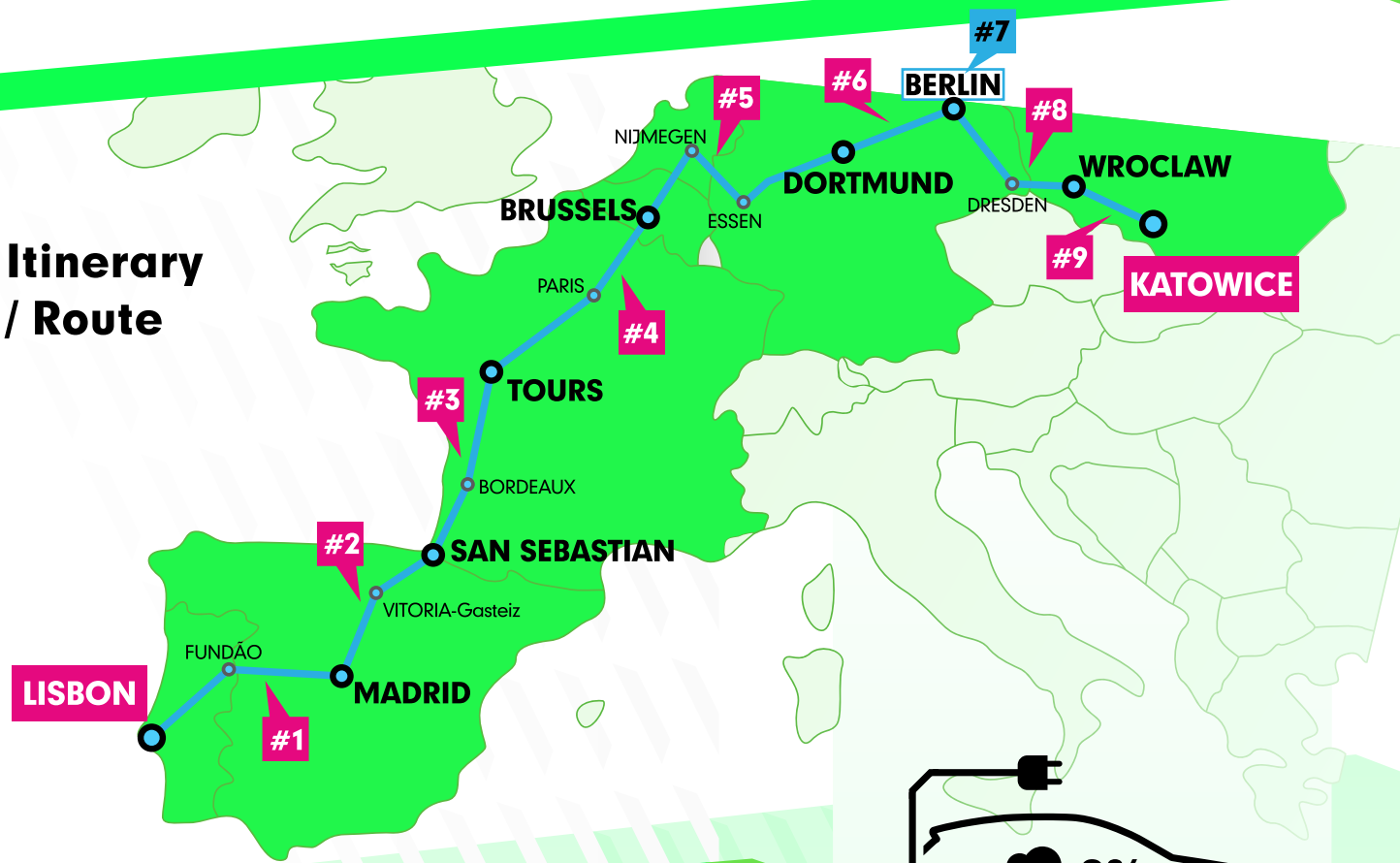


3000 km from Lisbon to Katowice: Showcasing the impact of mobility and lifestyle changes on our footprint.

Itinerary / Route



KIA e-NIRO driven by Luis Costa/Get2C

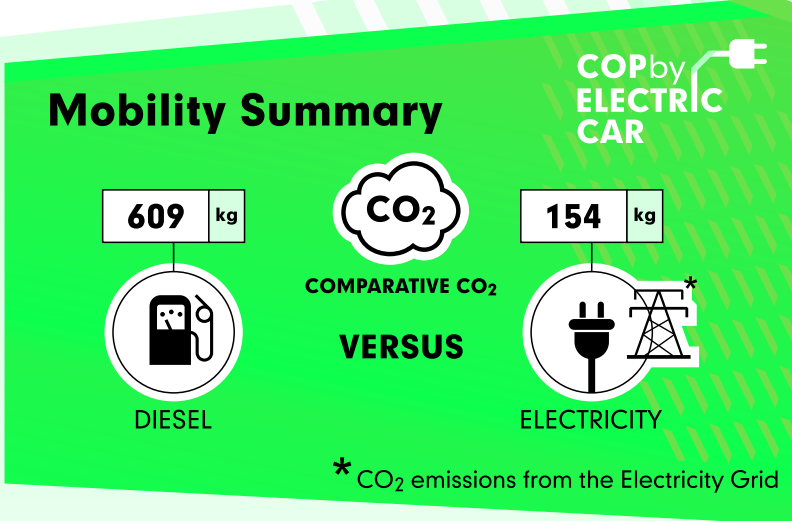
TRAVELLED DISTANCE
3.741 km

AVERAGE SPEED
71 km/h

ENERGY CONSUMED
17 kWh/100km

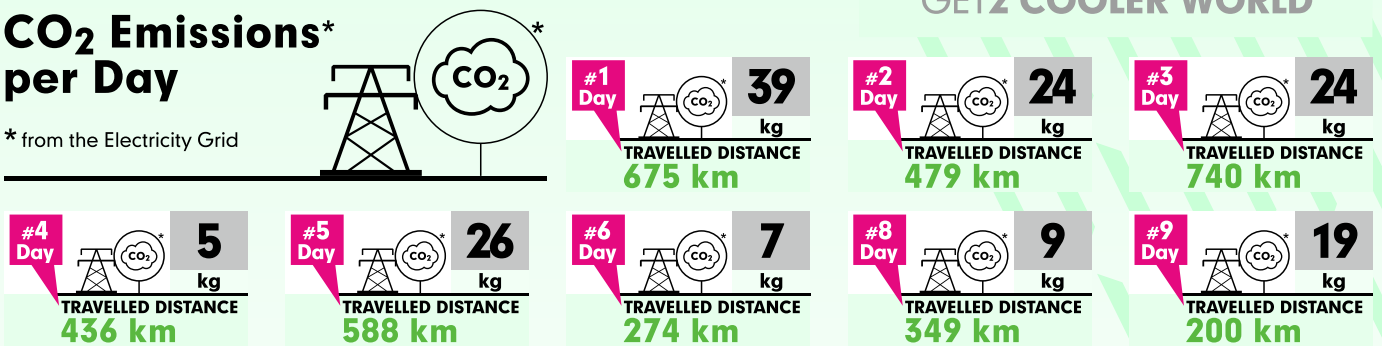
CHARGING TIME
54 h

GET2 COOLER WORLD



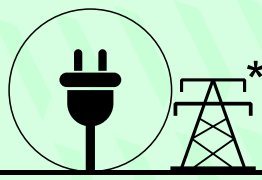
CO₂ Emissions* per Day

* from the Electricity Grid



- Charging stations were most accessible in France and Germany and least accessible in Poland.
- Among the travelled countries, significant differences in the "carbon content" from national electricity grid were identified. Poland's electricity was the most pollutant, as nearly 80% of their electricity production is powered by coal.
- However, lower carbon emissions from the national electric grid don't necessarily mean renewable energy production is higher, as alternative energy sources could be in use. In France, CO₂ emissions were the lowest because of their significant nuclear energy production.

Consumed Energy Mix by Country



PORTUGAL kWh

Coal	26,3%	30,3
Gas	23,5%	27,0
Solar	1,8%	2,1
Wind	13,3%	15,3
Hydro	29,5%	34,0
Biomass	5,2%	6,0
Others	0,4%	0,5
TOTAL kWh Consumed		115,2

SPAIN kWh

Coal	16,6%	23,9
Gas	23,6%	33,8
Nuclear	17,9%	25,6
Solar	5,3%	7,6
Wind	6,5%	9,3
Hydro	16,0%	23,0
Biomass	1,4%	2,0
Cogeneration & Waste	12,7%	18,2
TOTAL kWh Consumed		143,4

FRANCE kWh

Fuel	0,3%	0,3
Coal	1,5%	1,9
Gas	9,4%	11,9
Nuclear	69,4%	87,5
Solar	1,3%	1,7
Wind	5,2%	6,6
Hydro	11,7%	14,8
Bioenergy	1,1%	1,4
TOTAL kWh Consumed		126,1

BELGIUM kWh

Gas	30,5%	18,7
Nuclear	36,0%	22,1
Wind	18,7%	11,5
Biomass	5,9%	3,6
Others	8,9%	5,5
TOTAL kWh Consumed		61,4

GERMANY kWh

Fuel	0,3%	0,4
Coal	16,5%	27,1
Gas	4,4%	7,3
Nuclear	12,6%	20,8
Solar	0,5%	0,8
Wind	53,7%	88,4
Hydro	3,7%	6,1
Biomass	8,3%	13,6
TOTAL kWh Consumed		164,5

POLAND kWh

Fuel	1,3%	0,4
Coal	74,5%	25,3
Gas	5,5%	1,9
Wind	6,9%	2,3
Hydro	6,6%	2,2
Biomass	5,2%	1,8
TOTAL kWh Consumed		33,9

Energy Mix

Global Average kWh

Fuel	0,2%	1,2
Coal	16,8%	108,5
Gas	15,6%	100,6
Nuclear	24,2%	156,0
Solar	1,9%	12,2
Wind	20,7%	133,4
Hydro	12,4%	80,0
Biomass	4,2%	27,1
Bioenergy	0,3%	1,4
Cogeneration & Waste	2,8%	18,2
Others	0,9%	5,9
TOTAL kWh Consumed		644,5

