

# How the UK can lead the electric vehicle revolution



“green  
alliance...”



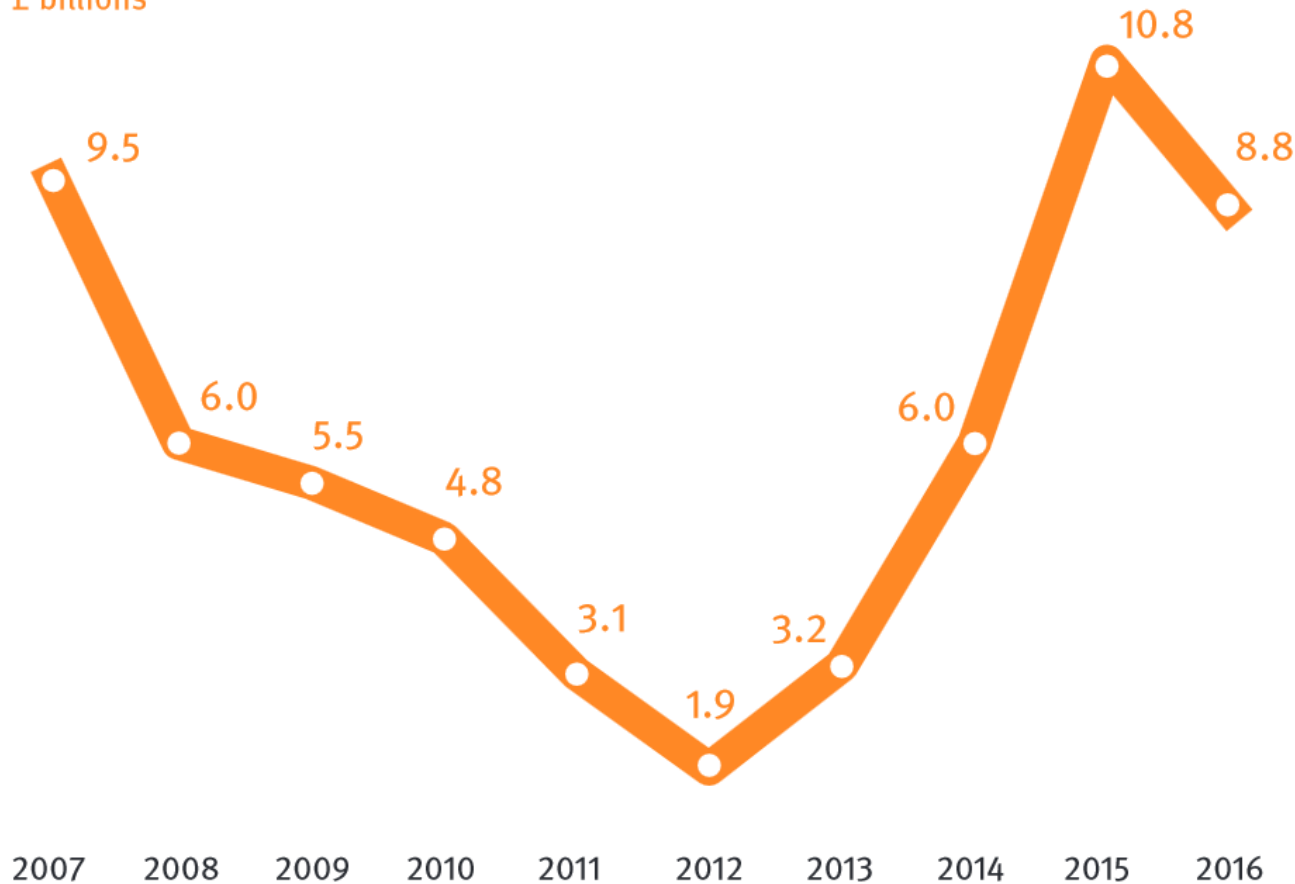
May 2018

Why go 100% clean by 2030?

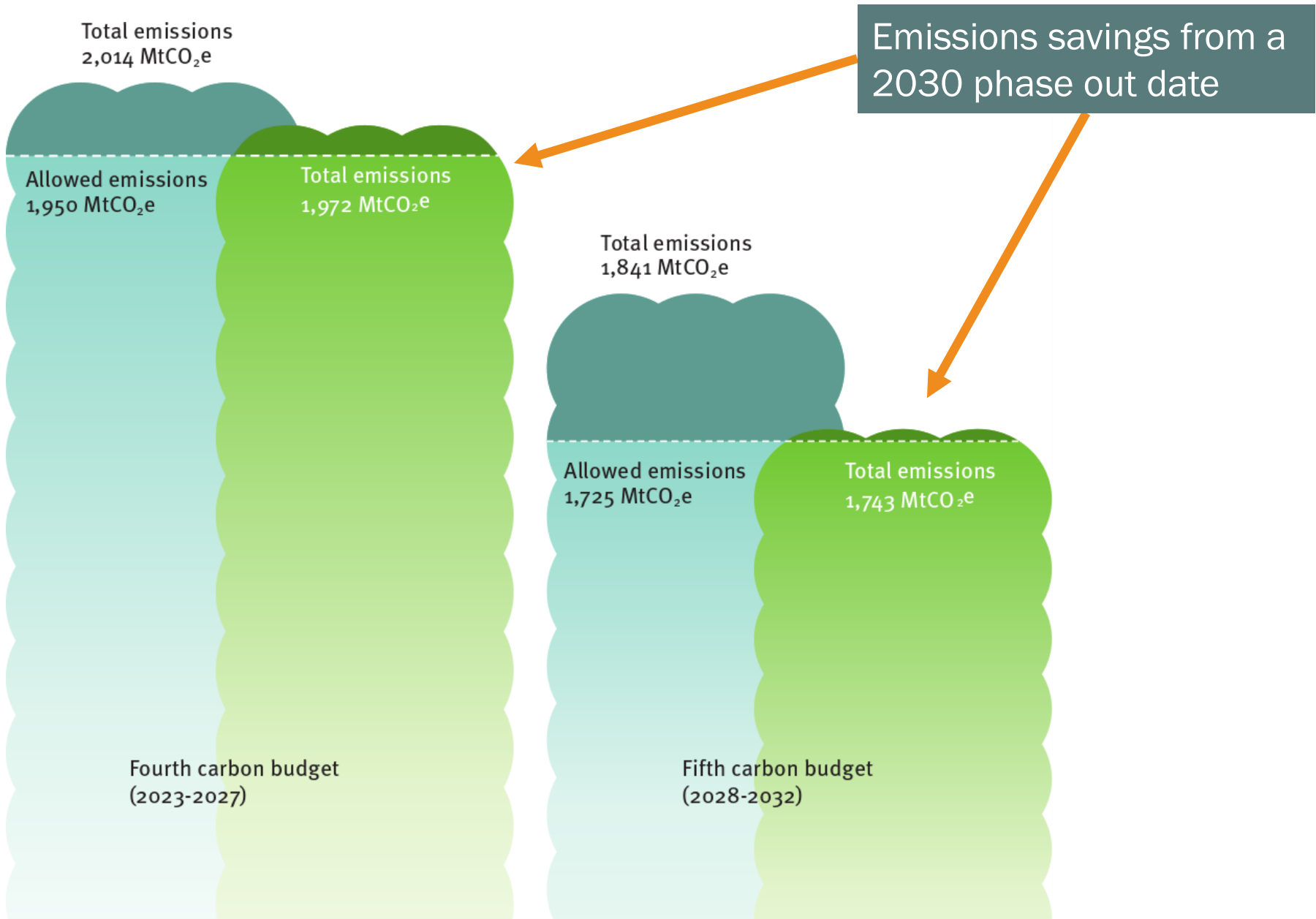
# EVs could address the UK's trade deficit

The UK's trade deficit in motor vehicles  
(in gross terms)

£ billions

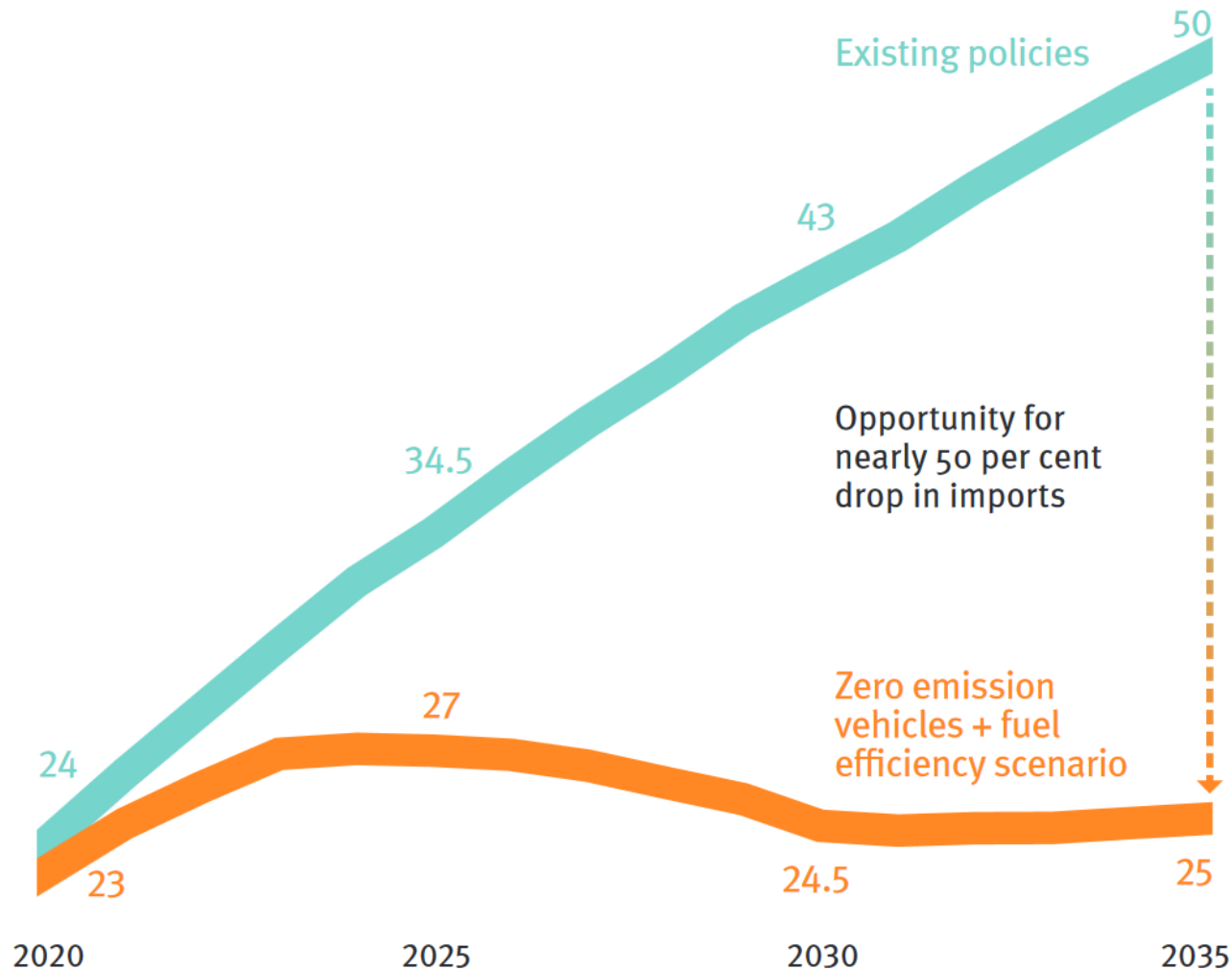


# EVs help hit UK carbon targets



# EVs and efficiency could halve the UK's oil imports

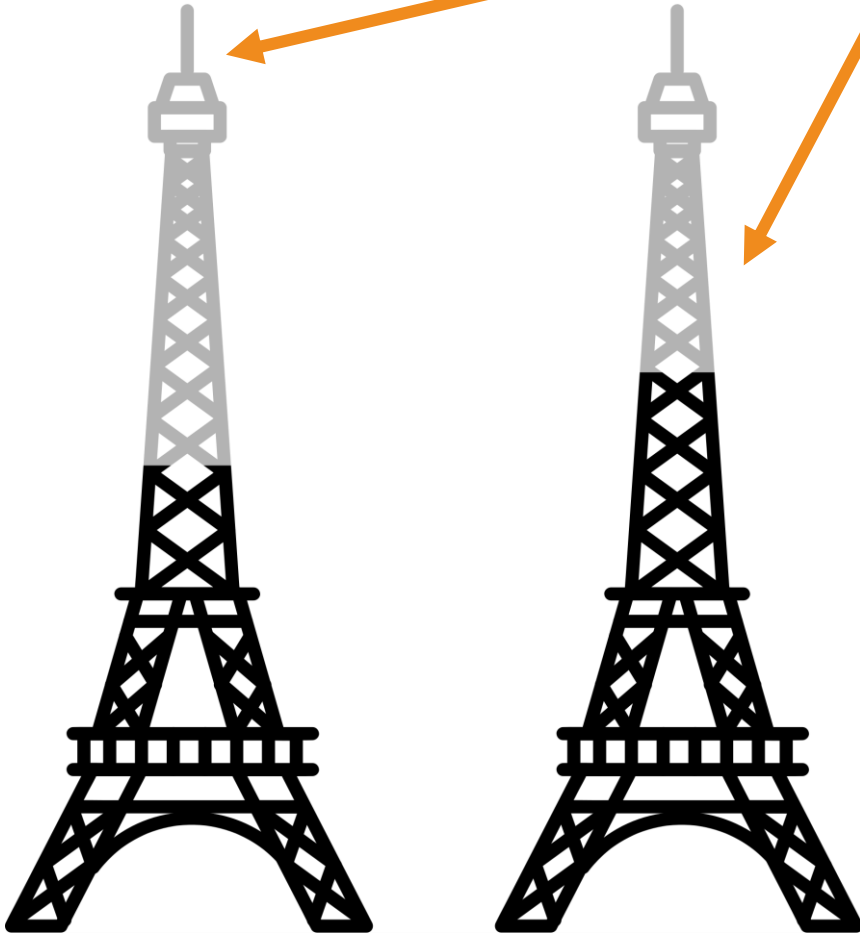
Oil import scenarios (in Mtoe)



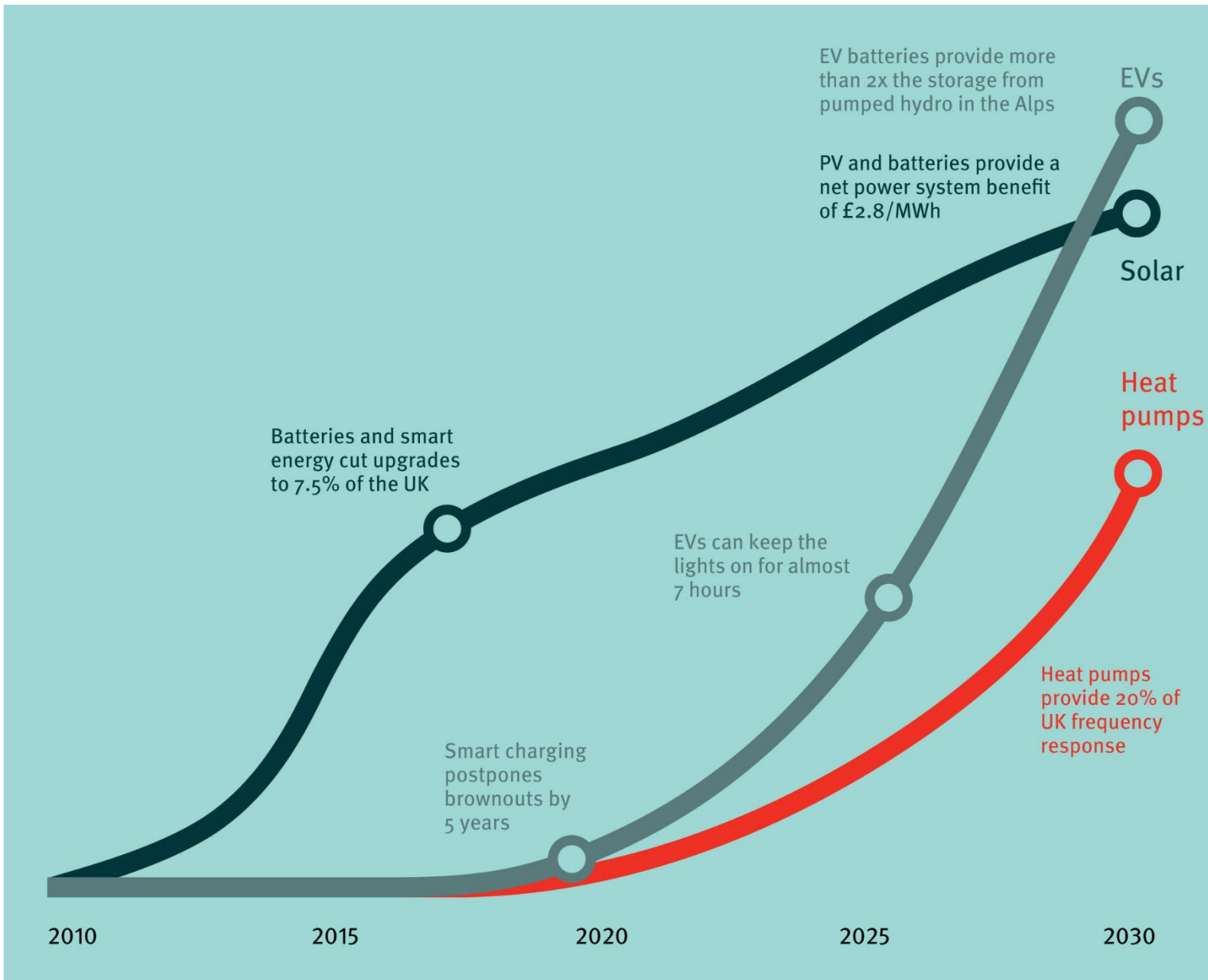
# EVs make cities better places to live

Paris without fossil-fuelled cars:

- Half the noise
- 40% less air pollution



# EVs make money and keep the lights on



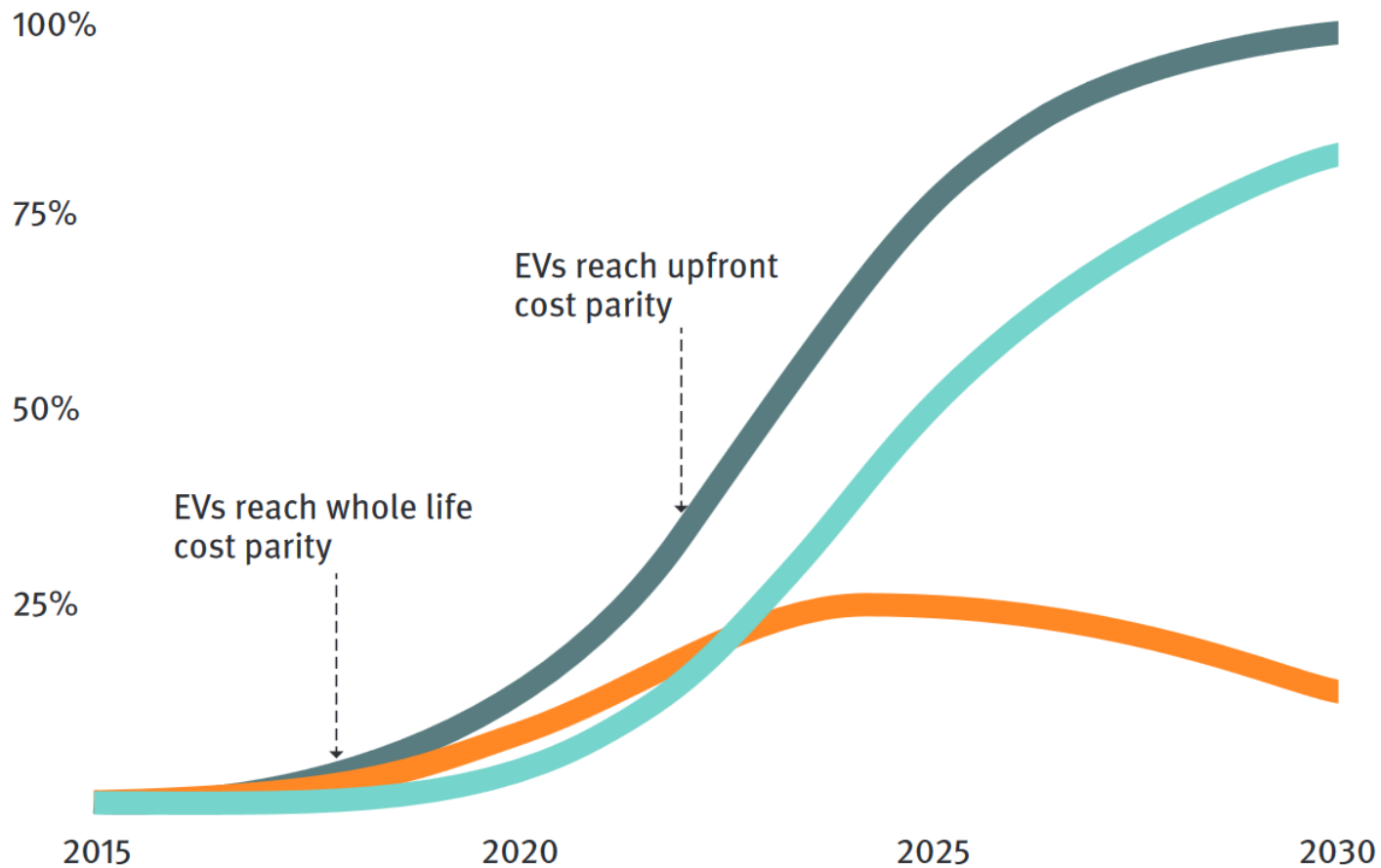
How can we go 100% clean by 2030?



# How to go 100% clean

Percentage  
of total  
car sales

■ Total low emission  
■ Plug-in hybrids  
■ Zero emission



# Cities lead: 6 are responsible for 20% of EV sales

## Gas Guzzlers Beware

Eight Chinese cities restrict purchases of cars with internal-combustion engines

■ Major restriction   ■ Minor restriction



Source: Bloomberg New Energy Finance

**Bloomberg**

# Cities matter: EVs make sense in clean air zones



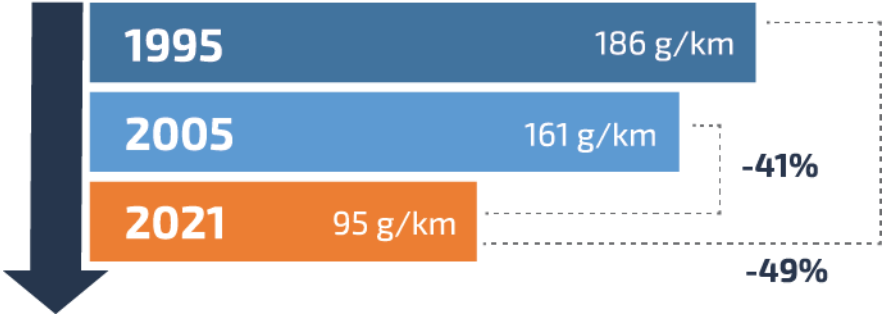
- Clean air zone
- CAZ and congestion charge\*



x5 raises EV/PHEV sales by 15-18%

# Vehicle emissions target: raising the standards

AVERAGE PASSENGER CAR CO2 EMISSION REDUCTION RATES



2025	<75 g/km
2026	<50 g/km

} Currently being debated at EU with +ve commentary from Germany, Italy and Spain