



Department
for Transport



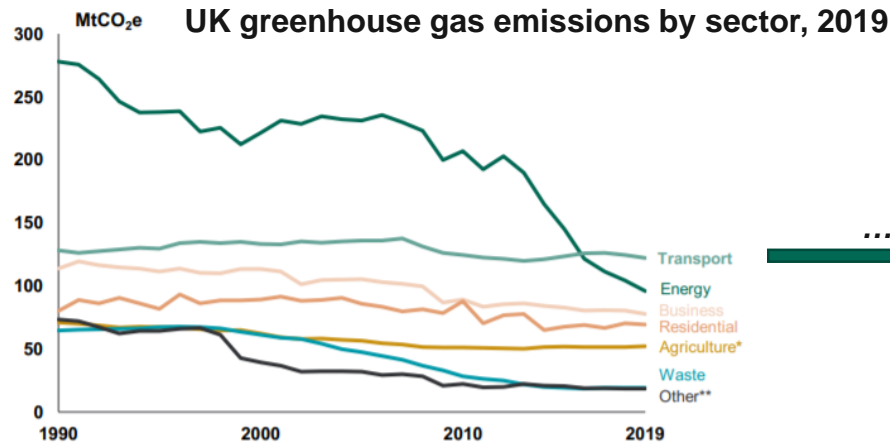
Decarbonising Transport

A better, greener Britain

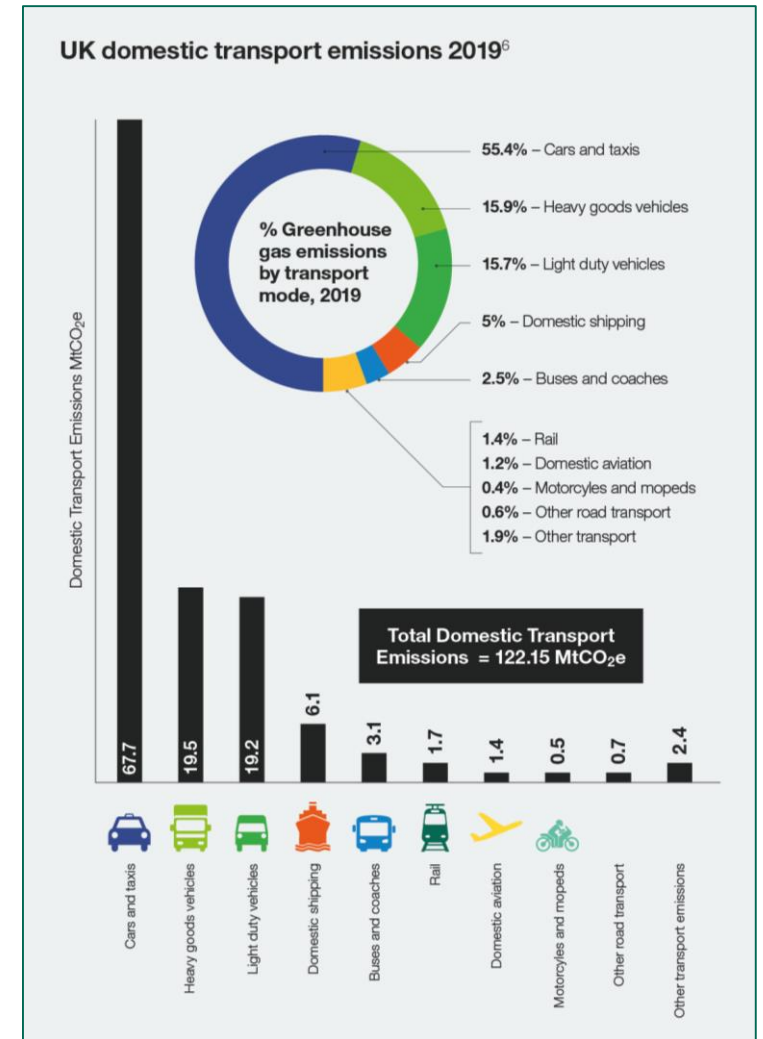
Siobhan Campbell, March 2022



Transport: the UK's largest emitter

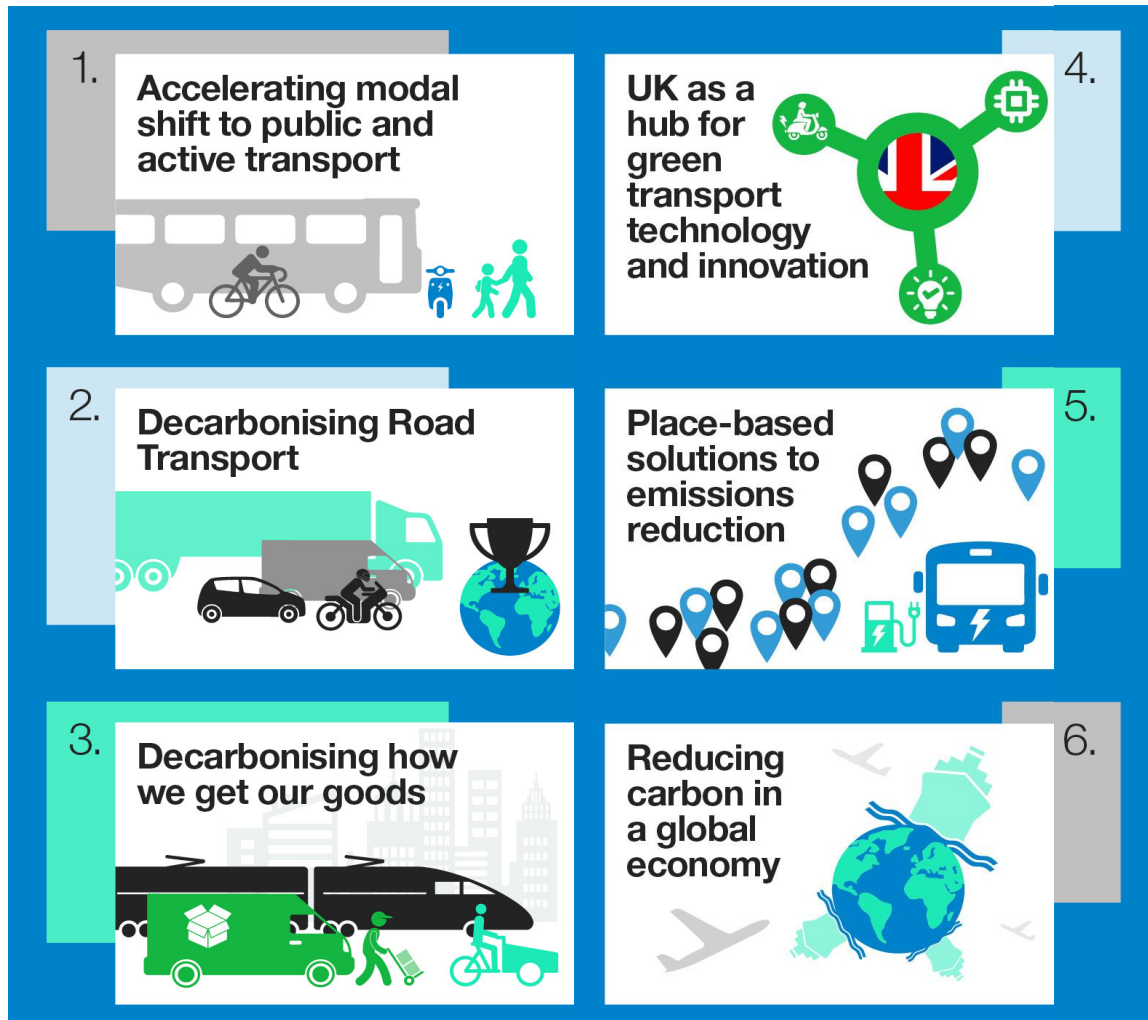


... and breakdown by modes as ...



- In 2019, **27%** of the UK's greenhouse gas emissions were from transport.
- Since 1990 other sectors have reduced emissions dramatically with **total domestic emissions dropping by 43%**, but transport is down only 3%.
- In June 2019 the UK legislated for “net zero” GHG emissions across the economy by 2050. And 5 yearly carbon budgets, set caps on emissions.

In March 2020, we set the challenge ...



Stakeholder engagement

Over **300** written submissions and evidence on measures needed to decarbonise transport.



Over **7000 responses** received through a public Online Feedback Opportunity.

8 workshops with **49 local government representatives**.

Supported by an online survey for local authorities.



59 virtual policy workshops on our six key strategic priorities

with knowledge experts, innovators, businesses, NGOs and civil society representatives.



Formed the **Net Zero Transport Board (NZTB)**

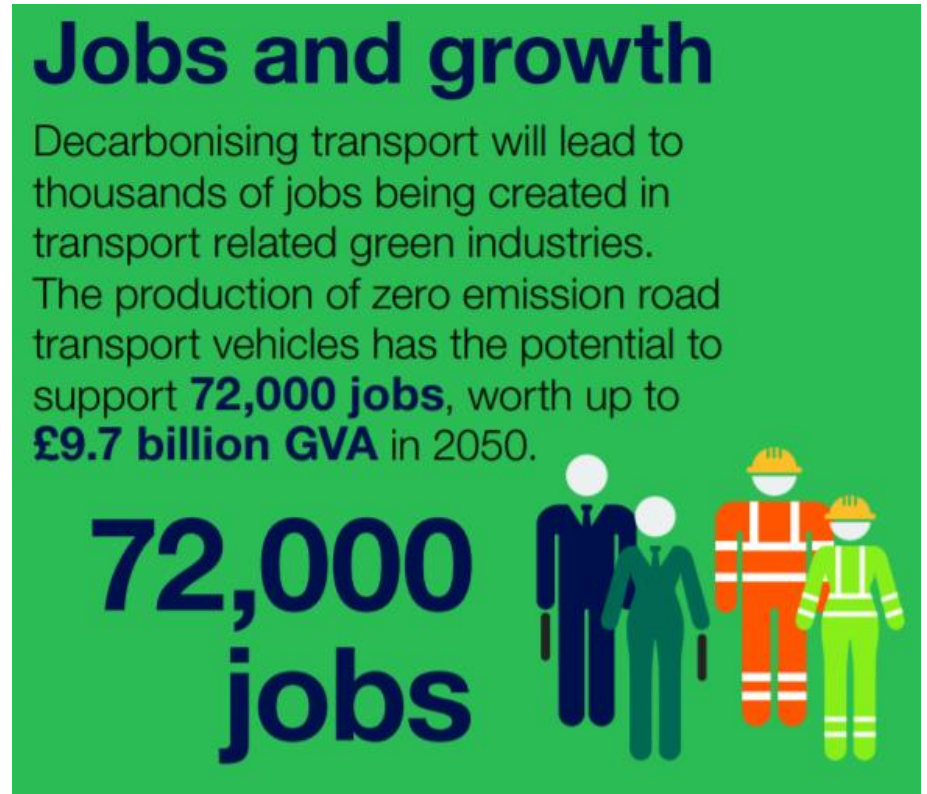
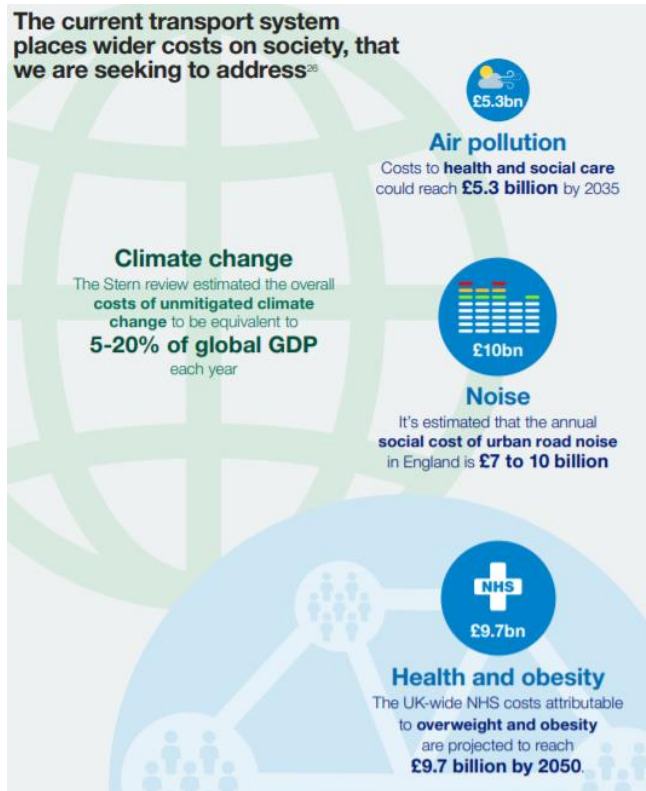
which is a Ministerial-led external advisory board providing independent, objective and impartial advice on transport decarbonisation to the Department for Transport.



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**

IN PARTNERSHIP WITH ITALY

Transport decarbonisation is about much more than simply reducing CO₂ emissions



In July 2021, we published the Transport Decarbonisation Strategy

On 14 July 2021, we launched our milestone **Transport Decarbonisation Plan** – the world’s first ‘greenprint’ to decarbonise all modes of domestic transport by 2050, from our seas and skies to our roads and railways.

*“This plan is a milestone in the shift to a more sustainable UK transport system. The decision to only use zero emission road vehicles – including trucks – by 2050 is world-leading and will significantly reduce Britain’s climate impact and improve the air we breathe.” ~ **Greg Archer, UK Director of the Europe-wide green transport campaign group Transport & Environment***

C Centrica plc @centricapl - 14 Jul

As the Government releases its Transport Decarbonisation Plan, our Chief Executive Chris O'Shea has underlined the importance of leadership from business and Government in order to make the transition affordable for all. Read more → bit.ly/3ifs80q #NetZero #EV

“It’s vital that Government and business work together to deliver a cleaner transport network that’s both affordable and convenient for consumers.”

Chris O'Shea
Chief Executive, Centrica



*“This is the first zero emissions transport mandate for a major economy and is a great opportunity ahead of COP26 to show the UK’s commitment to clean transport and clean air.” ~ **Graeme Cooper, Head of Future Markets at National Grid***

*“We welcome the publication of these plans, which provides a clearer picture of where we are and where we need to get to on the road to net zero.” ~ **Gerry Keaney, BVRLA Chief Executive***

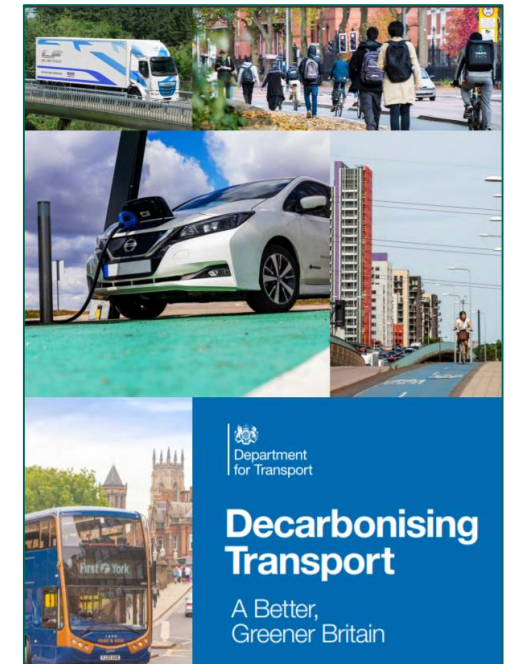
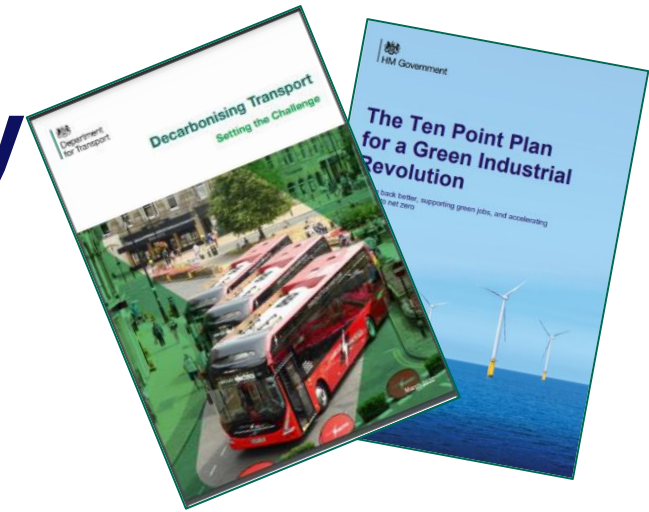
IKEA UK @IKEAUK · 14 Jul

A welcome announcement from the UK Government which will help IKEA and others to accelerate the transition to ZEVs across society and provide a critical milestone in the UK becoming net zero.

Climate Group @ClimateGroup · 14 Jul

Members of the UK Electric Fleets Coalition join us in responding to the UK Transport Decarbonisation Plan.

We must halve emissions globally by 2030, and as transport is the sector with the largest emissions total in the UK, there is no option but to be bold #ClimateDecade



Commitments: Increasing cycling and walking



£2bn



We will invest **£2 billion** over 5 years to deliver a bold future vision for cycling and walking, making it the natural first choice for many journeys

50%



By 2030

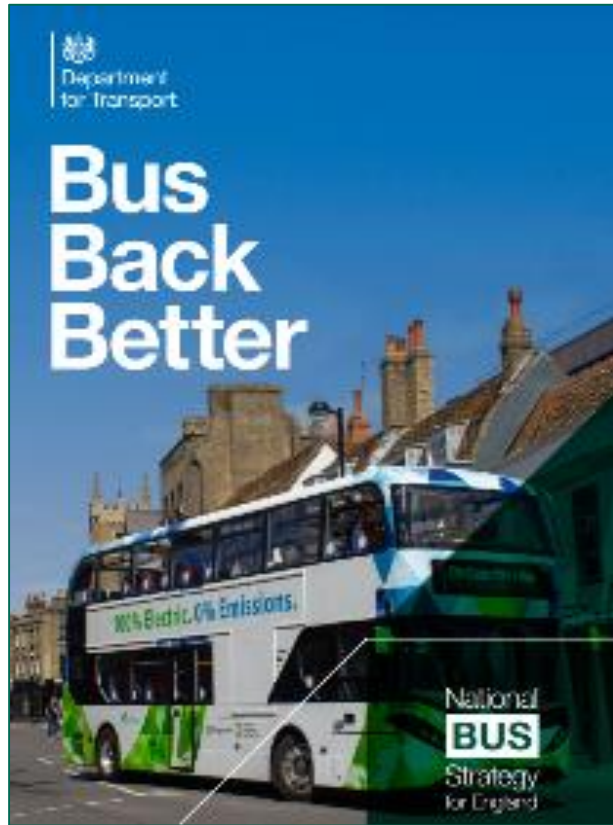
We will aim to have **half** of all journeys in towns and cities cycled or walked



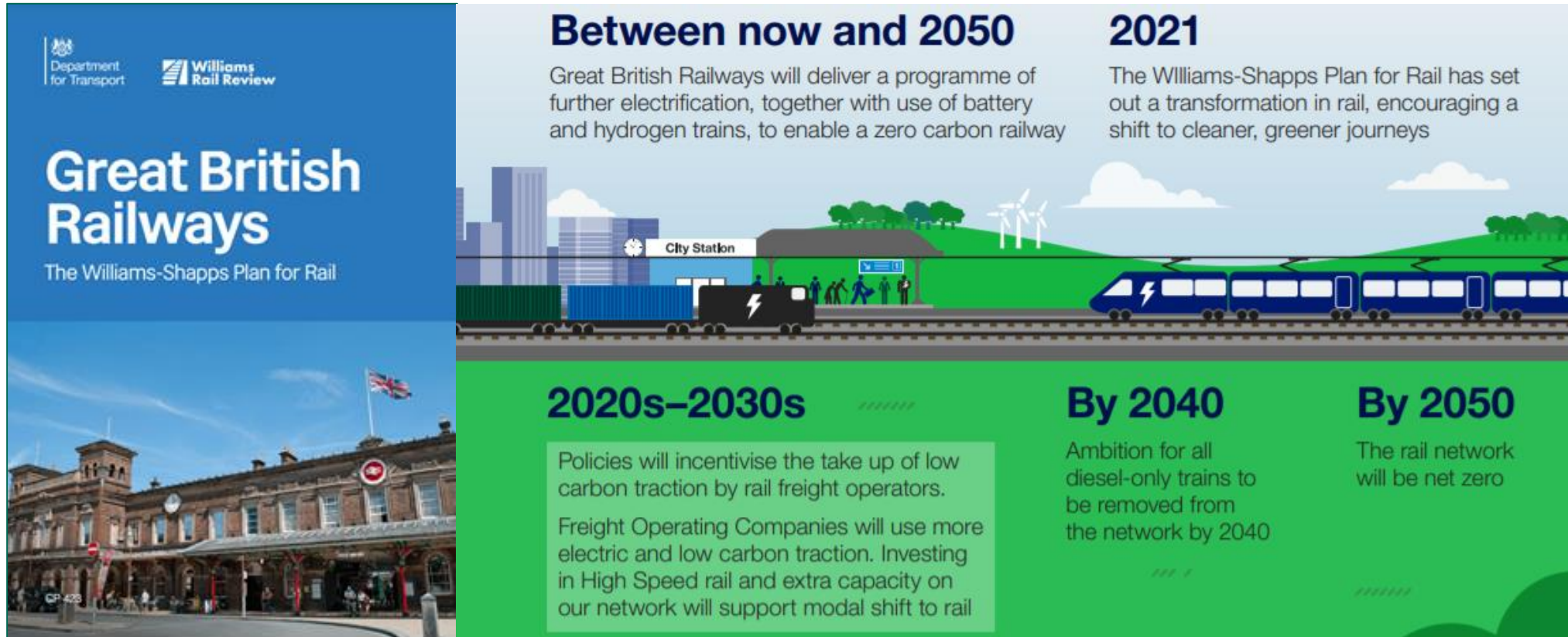
By 2040

We will have a world class cycling and walking network in England

Commitments: Zero emission buses and coaches



Commitments: Decarbonising our railways



Commitments: A zero emission fleet of cars, vans, motorcycles and scooters



HM Government

Transitioning to zero emission cars and vans: 2035 delivery plan



We will remove all emissions from road transport

2030

We will end the sale of new petrol and diesel cars and vans

2035

All new cars and vans must be **100%** zero emission at the tailpipe

2035

All new L-category vehicles to be fully zero emissions at the tailpipe*

2040

End the sale of all non-zero emission HGVs

There were almost **400,000** plug-in electric vehicles on the UK's roads at the end of 2020 and over one in seven cars sold so far in 2021 had a plug.

There are nearly **25,000** publicly available charging devices. This includes nearly **4,500** rapid devices.



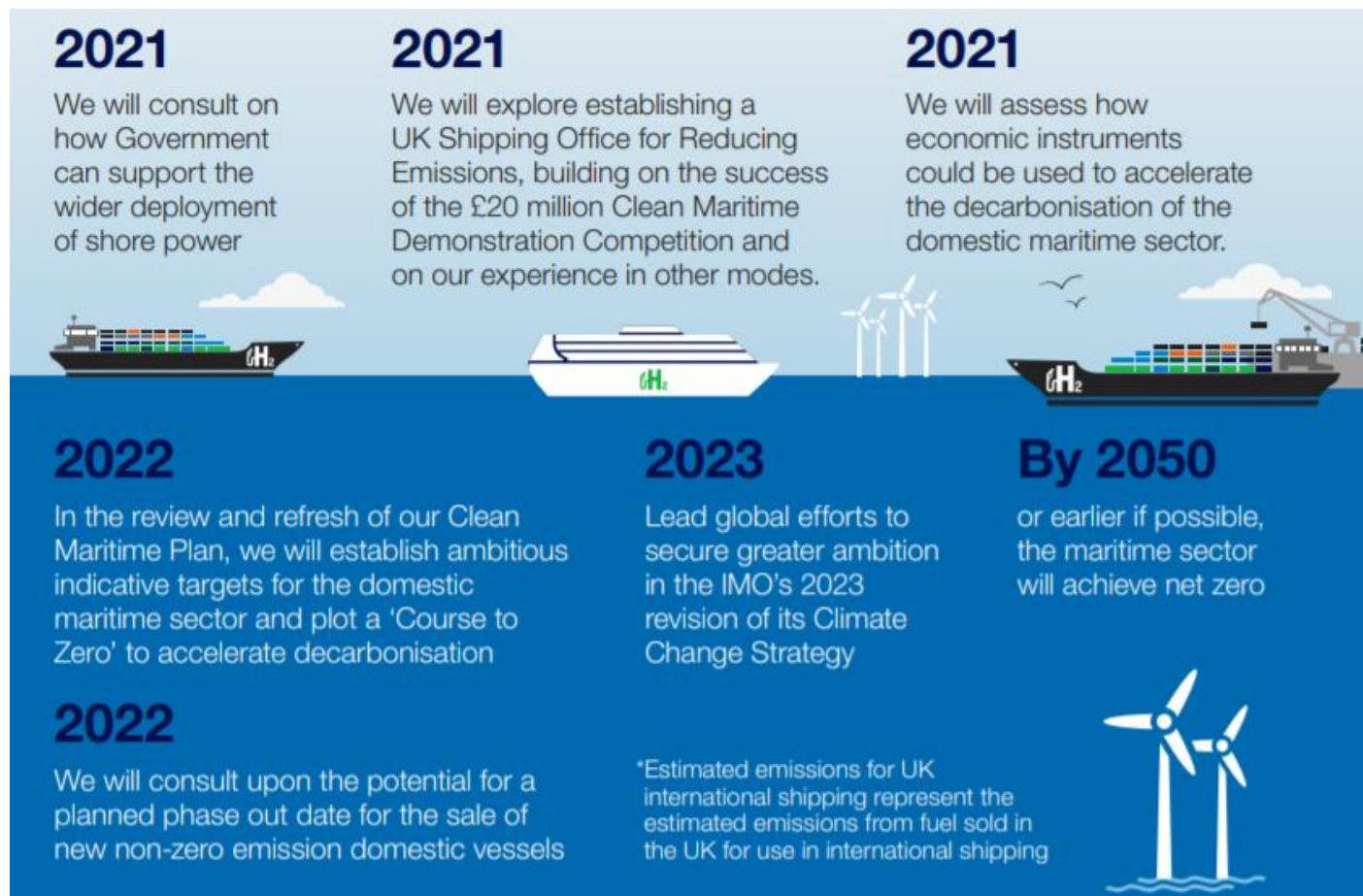
*subject to consultation



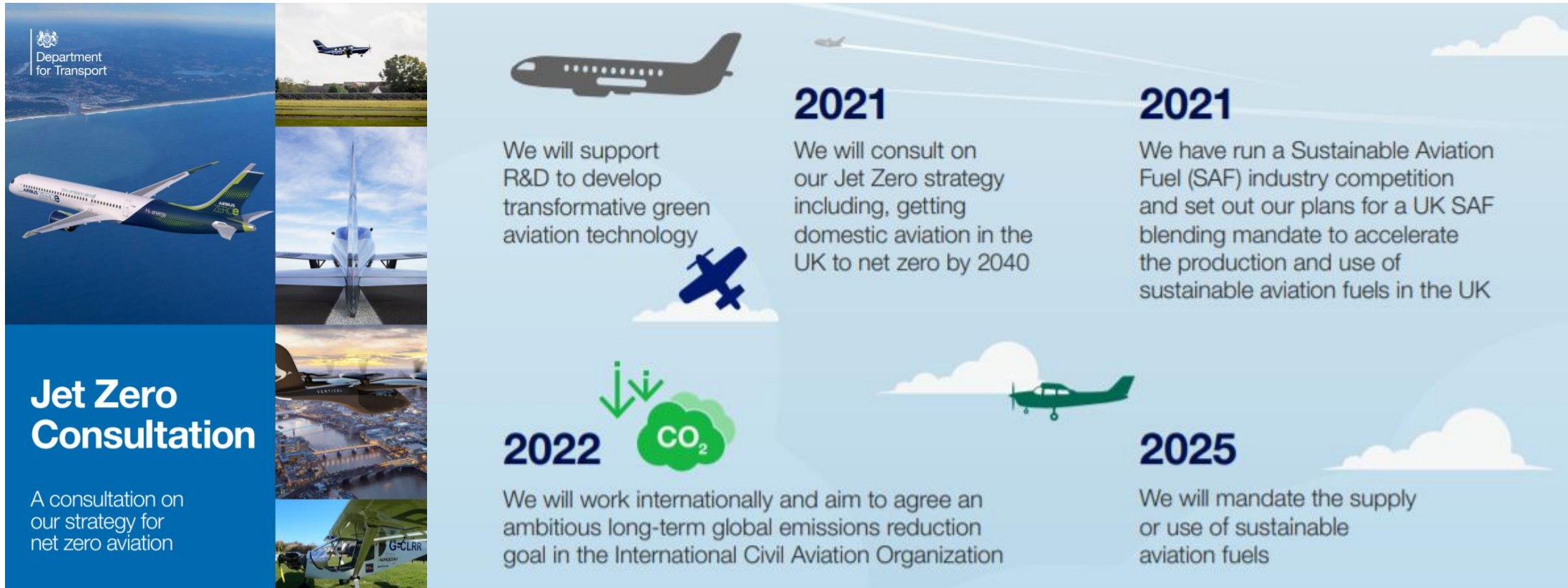
Department for Transport

Transport Decarbonisation Plan

Commitments: Accelerating maritime decarbonisation



Commitments: Accelerating aviation decarbonisation



Commitments: Zero emission freight and logistics sector, including the last mile

Domestic freight transport, by mode: 2019

Goods moved (billion tonne kilometres)



Phase out dates for new non-zero emission Light Goods Vehicles (LGVs) and Heavy Goods Vehicles (HGVs):



LGVs (under 3.5t)
all new vehicles required to have significant zero emissions capability

and 100% zero emissions at the tailpipe from 2035

zero

2035



2035

HGVs (above 3.5t and up to and including 26t) End the sale of new non-zero emission HGVs in this category **by 2035**, or earlier if a faster transition seems feasible*

HGVs (above 26t)
End the sale of all new non-zero emission HGVs **by 2040**, or earlier if a faster transition seems feasible*



2040

*Subject to consultation

Commitments: Place-based, low carbon fuels, green hydrogen, data, R&D, future of transport

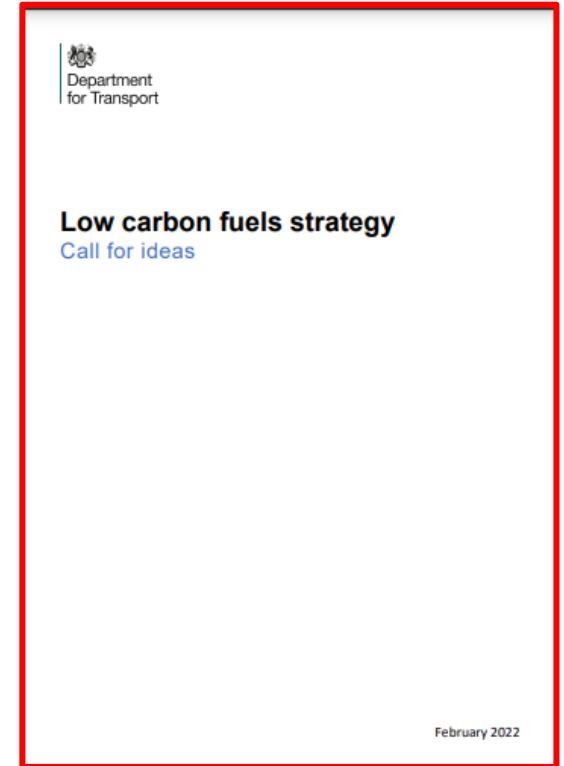


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Greg Archer, UK Director of the European-wide green transport campaign group Transport & Environment

What's next...

- Over the next year there will be a number of key strategies and consultations published and worth looking out for including our infrastructure strategy which will be published soon.
- A key one which can be found now on [gov.uk](https://www.gov.uk) is our Low Carbon Fuels Strategy – Call for Ideas which closes on the 3rd April 2022.
- If you have an interest or views, please take a look, we would really welcome your feedback.



Thank you for your time and
welcome your questions at the
end of this session

Siobhan.Campbell@dft.gov.uk

