



Electricity in Scotland has <u>largely been</u> decarbonised ENERGY SECTOR



New models for bus, battery and energy infrastructure are being demonstrated **ENERGY SECTOR** FINANCE SECTOR BUS OPERATORS

Continue to invest ir workforce to support a <u>Just Transition</u> MANUFACTURERS SUPPLY CHAIN **BUS OPERATORS**

transition plans Collaborate across operators (including other vehicle types) and rationalise/standardise vehicle specification Further demonstrate and roll-out new business models designed around zero-emission buses and energy BUS OPERATORS

 Develop enhanced and comprehensive

> Continually Increase the supply of smaller zero emission buses **MANUFACTURERS** SUPPLY CHAIN

improve advice and processes to help make decarbonisation of fleets and depots as simple as possible for bus operators **ENERGY SECTOR**

£130





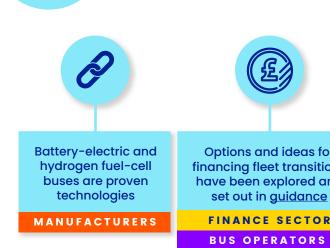




WHAT WE'VE ACHIEVED ALREADY

WHAT WE'RE CURRENTLY DOING

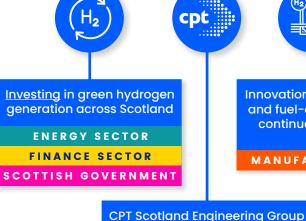
WHAT WE'VE STILL TO DO

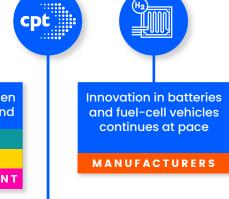




SCOTTISH GOVERNMENT



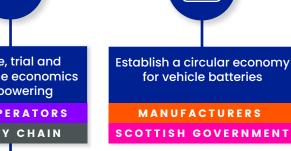












Adjust structure of contracts to enable and encourage decarbonisation of vehicles LOCAL AUTHORITIES

Increase supply capacity for repowering **BUS OPERATORS** SUPPLY CHAIN

THE PATHWAY ABOVE WILL LEAD TO A FUTURE WHERE...

are helping the knowledge

gained by early adopters be shared with SME operators

BUS OPERATORS

- Bus operators exclusively run zero-emission battery-electric and hydrogen fuel-cell buses
- The bus sector provides an excellent service meeting passengers' day-to-day
- People enjoy travelling on buses and knowing that doing so is one of the most climate-friendly choices they can make;
- There are vibrant ownership and leasing markets for buses which benefits operators, manufacturers and the finance sector
- The smart technology on buses enables them to be operated in the most energy efficient way
- There is an even stronger and diverse domestic manufacturing sector and supply-chain comprised of high-quality skilled jobs with continued innovation reducing manufacturing and supply chain emissions
- Energy networks, bus operators and Local Government are used to working together to ensure depots are powered/fuelled and all potential users are able to benefit from the energy provision centred at depots and on-route charging infrastructure
- Buses and infrastructure are fully recycled at the end of asset life contributing to the circular economy, reducing waste and supporting further decarbonisation efforts
- After an important period of support, the Government has ceased subsidising battery-electric and hydrogen fuel-cell buses, but continue to support innovation in new zero-emission fuels and technologies of the future
- Scotland is recognised the world over as a leader in the design, manufacture and operation of high quality zero-emission buses and other large road vehicles, alongside associated green finance solutions

ALL DIESEL BUSES

MOST NEW BUSES ARE ZERO EMISSION

ALL BUSES WILL BE ZERO EMISSION







The pathway was co-designed by the organisations below, who came together as the Bus Decarbonisation Taskforce to explore hurdles and solutions. Everyone has to work together to achieve a Just Transition to Net-Zero





























