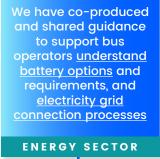




**Electricity in Scotland** has <u>largely been</u> decarbonised ENERGY SECTOR



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







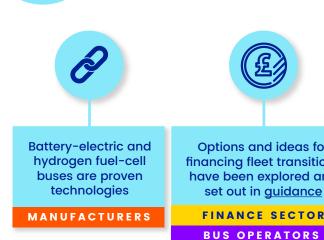


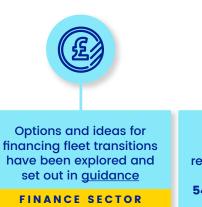


WHAT WE'VE ACHIEVED ALREADY

WHAT WE'RE CURRENTLY DOING

WHAT WE'VE STILL TO DO

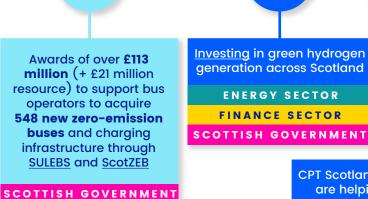




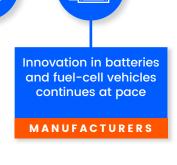
SCOTTISH GOVERNMENT



infrastructure through SULEBS and ScotZEB

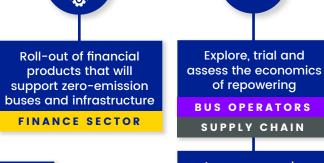














**CPT Scotland Engineering Group** are helping the knowledge gained by early adopters be shared with SME operators **BUS OPERATORS** 

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...

- 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











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































