

# WP06 CARBON TRANSITION STRATEGY

## WP06 Draft Carbon Transition Strategy

6<sup>th</sup> October 2022

**Please note that the following recommendation/s is/are subject to consideration and determination by the Board before taking effect.**

### RECOMMENDATION

#### It is recommended that:

- (a) The Board approves the carbon transition priority actions developed as part of the Carbon Transition Strategy.

#### I. Background/Introduction

The Peninsula Transport STB is developing a Carbon Transition Strategy for the region (Work Package 6 (WP06)).

The document has been prepared alongside the published Peninsula Transport Vision. The draft Vision is “Transforming transport across the peninsula to enable our society and economy to thrive and our unique and outstanding environment to flourish” and is underpinned by five cross-cutting goals, including the key goal to “deliver affordable, zero-emissions transport for everyone”.

The Carbon Transition Strategy will be used as part of the evidence and recommendations in the development and publication of a full Peninsula Transport Strategy in 2023. This builds on the contextual analysis and engagement presented in the Regional Evidence Base (REB), published in 2019, and the Economic Connectivity Study (ECS), published in 2020.

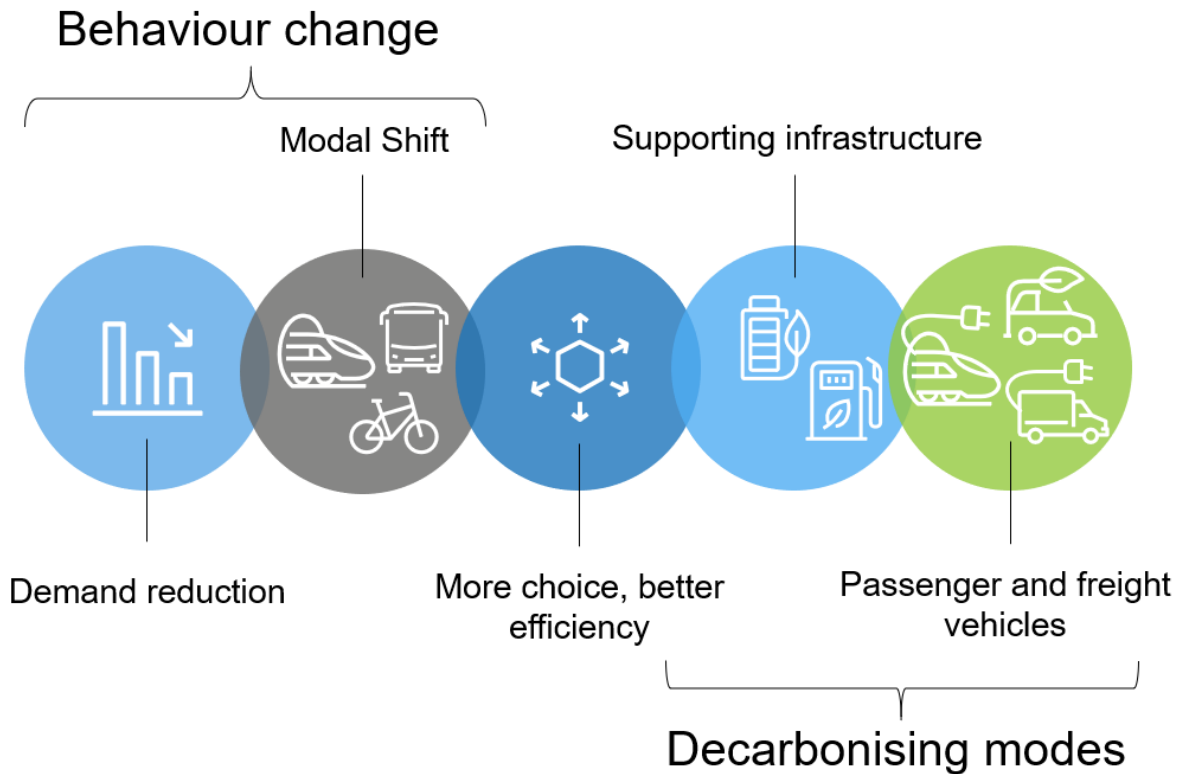
WP06 has been developed with engagement with Officers and stakeholders, including co-opted members and the wider business community. An interim draft was provided to Officers on 23<sup>rd</sup> May 2022. Responses were accepted up to 15<sup>th</sup> September 2022, with all responses logged and amendments incorporated into the final draft.



## 2. Carbon Transition Strategy Interventions and Priority Actions

Through the workshop process, key challenges identified included the transboundary nature of policies and interventions, and the need for strategic approaches both within and beyond the peninsula. The analysis, review, and feedback has been used to determine five the main decarbonisation themes across the region (summarised in Figure 1).


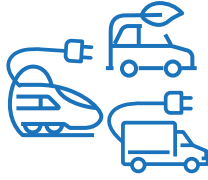

Figure 1: Five decarbonisation themes for the Peninsula Transport Region



A set of short listed actions were developed through a comprehensive process of policy review, analysis and engagement with Officers and stakeholders. A long list of approximately 90 draft interventions were compiled, aimed at addressing decarbonisation issues including those with place-based, behavioural and/or a modal focus, for review with stakeholders. The 36 highest scoring interventions were selected with consideration to their alignment to the five strategy themes, noting that some interventions support multiple themes. These were then further prioritised to develop the future actions for carbon transition work.

The next steps presented within the strategy have been developed with the intention of providing guidance on short-term actions that the STB can take on delivering the shortlisted interventions. Twelve short-term actions have been put forward within the context of Peninsula Transport’s remit, with three priority actions identified where Peninsula Transport can actively lead on the implementation of interventions identified and meet Department for Transport requirements (Table 1).

**Table 1: Three priority actions**

<p><b>Public Transport Prioritisation</b></p>	
<p>The five BSIPs for the peninsula outline investments to improve bus services across the region and have significant potential to support decarbonisation through encouraging modal shift. Peninsula also has an emerging Rail Strategy which has been produced through extensive collaboration with partners including Network Rail. Alongside supporting actions to increase the reliability and frequency of public transport services, Peninsula Transport can use its strategic position to lead on the delivery of region-wide opportunities such as ticket interoperability across the region. Using planned strategic review activities to develop a short implementation plan now – identifying the key areas of focus/investment - will give the STB clear goals for public transport to support decarbonisation efforts. The existing Strategic Implementation Plan work package could be used to support this, e.g. through the application of its appraisal framework to ‘score’ the decarbonisation benefits of a range of public transport options.</p>	
<p><b>Electric Network of the Future</b></p>	
<p>The delivery of a plan defining the creation of the electric network of the future, which would then be used to support delivery and work with partners. This action will directly support central Government’s requirement for STBs to produce regional assessments to support energy system stakeholders and local authorities in planning charging infrastructure provision. The work will support the development of electric vehicle charging infrastructure and will involve stakeholder engagement working alongside local authorities, energy network operators, private sector charging providers and National Highways to understand potential demand and identify a cohesive electric vehicle network for the peninsula.</p>	
<p><b>Zero Emission Bus Fleet Implementation</b></p>	
<p>Peninsula Transport is commencing a strategic review of the ‘Bus Service Improvement Plans’ (BSIPs) for its five local authorities in order to identify opportunities for sharing best practice and delivering enhanced benefits through collaboration. Individual authorities are also developing plans for decarbonising local bus fleets. Peninsula Transport has an opportunity to use its strategic position to understand the operational and funding situation across the region and develop an implementation plan to accelerate and support the delivery of the required infrastructure and fleet through working with local authorities and operators. The work will identify and overcome potential electrification challenges, including potential demand for charging facilities (complementing Electric Network of the Future Priority Action)</p>	

The nine supporting actions presenting ways in which Peninsula Transport can strategically support the development of decarbonisation opportunities, including as part of existing activities and/or committed future Work Packages. Appendix I presents a summary of the next step actions by priority level alongside which strategy theme the action supports.

A full list of the 36 highest scoring interventions which the 12 next step actions seek to support, including information on indicative costs and timescales, will be available in the Carbon Transition Strategy Final Report.

**Recommendation: The Board approves the carbon transition priority actions developed as part of the Carbon Transition Strategy.**

### **3. Financial Considerations**

The costs of drafting the Carbon Transition Strategy document are from allocated funds from the Department of Transport (DfT).

### **4. Legal Considerations**

There are no specific legal considerations.

### **5. Risk Management Considerations**

Project risks are reviewed monthly and reported to the DfT in compliance with the terms of the DfT's funding support letter.

These policies/proposals have been assessed and all necessary safeguards or action have been taken/included to safeguard the STB position.

### **6. Reasons for Recommendation**

The recommendation is proposed so the Carbon Transition Strategy can be approved in a timely manner to inform the development of the Full Peninsula Transport Strategy, thus process help meet the DfT requirements to research, develop and publish a transport strategy for the Peninsula STB region. In addition, approval of actions will also support the implementation of STB actions which the Department for Transport outlined in the March 2022 Electric Vehicle Infrastructure Strategy<sup>1</sup>.

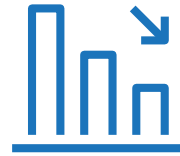
The Carbon Transition Strategy has been developed through a robust and formal process: collecting data; looking for carbon transition best practice and case studies from other geographical areas; and, gaining wider input from industry, the LEPS, Local Authority officers and other stakeholders.

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<sup>1</sup> [Department for Transport \(2022\) Taking charge: the electric vehicle infrastructure strategy](#)

**Appendix I – Carbon Transition Strategy Recommended Next Step Action Summary**

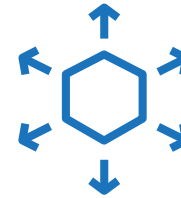
Priority



**Demand Reduction**



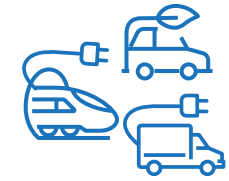
**Modal Shift**



**Demand Reduction,  
more choice, better  
efficiency**



**Passenger freight and  
vehicles**



**Supporting infrastructure**

	Demand Reduction	Modal Shift	Demand Reduction, more choice, better efficiency	Passenger freight and vehicles	Supporting infrastructure
<b>Highest (STB role to lead)</b>		Public Transport Prioritisation		Zero Emission Bus Implementation	Electric Network of the Future
Medium (potential co-ordination or intervention pilot opportunities)		Multi-Modal Coordination Plan	Future Funding Focus		
	Promotional Activities linking to existing STB Communications Plan				
Lowest (integrated into other activities / business as usual)	Identification of Spatial Planning Opportunities	Identification of Strategic Active Travel Opportunities	Partnership and Engagement Activities	Rail Action Plan	
		Digital Connectivity Action Plan		Freight Decarbonisation Plan	