

# **Transport for the North Board – Decarbonisation work to date**

## **Item 14.1 - Appendix 1**

### **1.0 Introduction:**

- 1.1 The focus of Transport for the North activity across financial year 2019/20 has been to develop the decarbonisation evidence base in preparation for undertaking the development of pathways.
- 1.2 This Appendix presents a summary of TfN's work to-date on decarbonisation.

### **2.0 Summary of work to date**

- 2.1 Issuing a decarbonisation "call for evidence" across Combined Authorities and Local Transport Bodies to gain a comprehensive understanding of existing policies, targets, infrastructure and programmes.
- 2.2 Revising the future transport demand scenarios, working with Partners to refine the TfN and Partner vision, to deliver a set of future scenarios which will inform our transport policies and strategies. This will identify plausible travel demand scenarios which can be mapped against carbon emission intensities to develop an adaptive Decarbonisation strategy that is resilient to different potential futures.
- 2.3 Supporting the creation of DecarboN8, a major three-year research council funded public, private and academic sector partnership to build evidence on decarbonisation of transport in the North. TfN formally sits on the networks advisory board, giving us a unique opportunity to directly influence the programme of activities to ensure alignment to our evidence gaps. A recent example of where we have influenced the programme is to ensure they also produce a policy briefing note aimed at identifying the role Sub national Transport Bodies should play in the decarbonisation agenda which is due for publication in summer 2020.
- 2.4 Commissioning support from environmental experts to develop a series of briefing notes to build our evidence and make a series of recommendations to TfN on how we can develop the pathways.

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These briefing notes present the key issues, challenges and decisions that TfN needs to consider in developing a decarbonisation pathway. The briefing notes cover four distinct key decarbonisation 'evidence stages';

- i. the development of a greenhouse gas (GHG) inventory,
- ii. a baseline scenario projection,
- iii. a policy scenario projection,
- iv. and implementation of a target pathway.

- 2.5 Further development of our Analytical Framework to prepare for modelling the decarbonisation pathway as per the recommendations in the briefings notes mentioned above. Data collection is now nearly complete, and analysis of the baseline is starting imminently.
- 2.6 Establishing data sharing arrangements with DfT, Committee for Climate Change and Society of Motor Manufacturers & Traders who have all provided TfN access to high quality datasets not publicly available to ensure our work is analytically robust.
- 2.7 Agreement for external peer review of the modelling approach for the pathway development through DecarboN8.