

Decarbonisation Strategy Consultation

Scrutiny Committee 7th July 2021
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Decarbonisation Trajectory

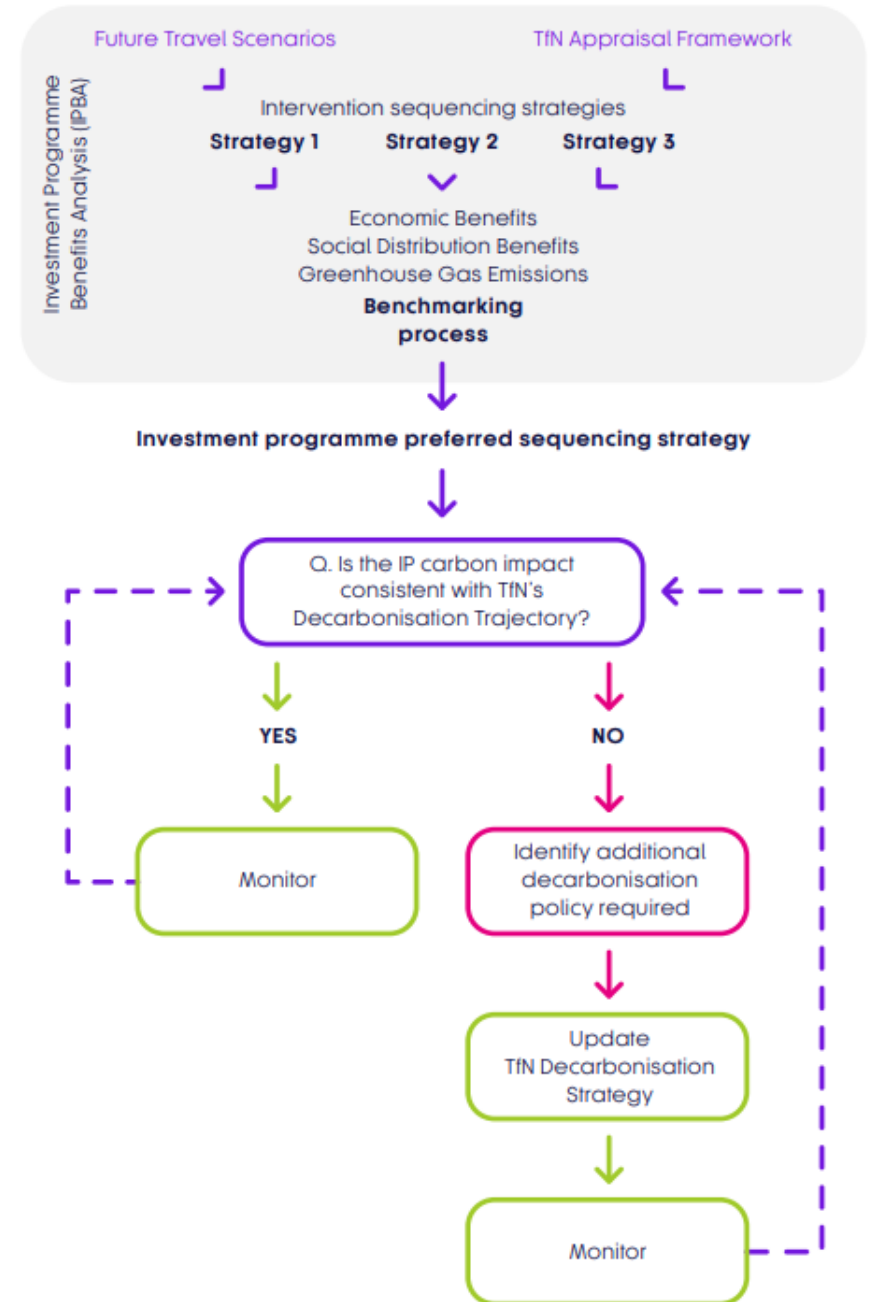
Our agreed Decarbonisation Trajectory headlines:

A **55% reduction** in emissions from 2018 to 2030, achieved mostly through mode-shift and demand reduction given the lower proportion of zero-emissions vehicles in the vehicle fleet.

A **95% reduction** in emissions from 2018 to 2040, reflecting longer-term decarbonisation measures, such as a high ZEV uptake.

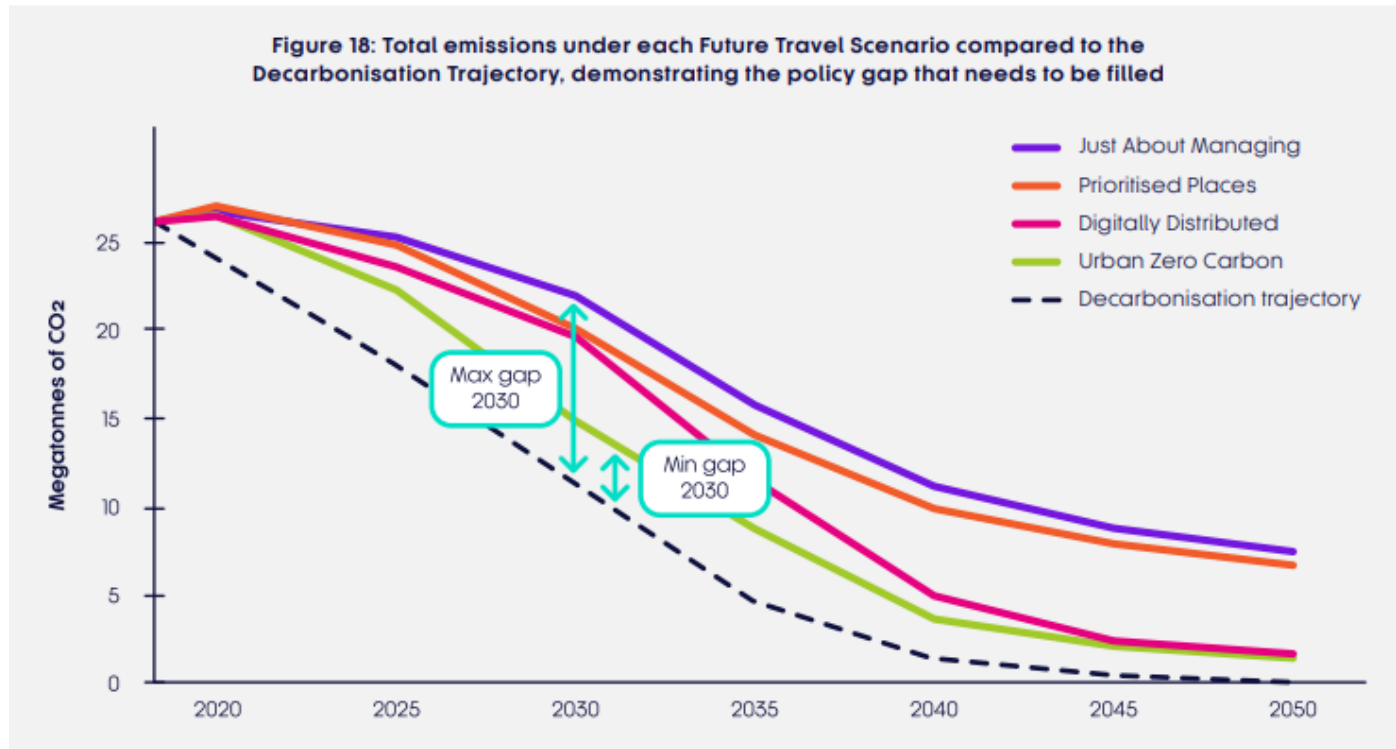
A **close to zero date of 2045** for carbon emissions from surface transport in the North. This is a challenging benchmark reflecting the ambition of our partners and their desire to push further and faster than current national policy.

Proposed framework for programme level carbon benchmarking



Estimating current and future emissions

Estimating current and future emissions is key to identifying the policy gap between baseline and decarbonisation trajectories



- Future Travel Scenarios
- Modelling Carbon emissions in the North and baseline emissions
- Emissions by trip purpose and distance
- Distribution of emissions

Future Travel Scenarios

Just about managing

What if society keeps developing broadly following existing trends? What if major developments and change are left to be shaped by market forces?

Prioritised Places

What if society becomes focused on quality of life, place-making and community, rather primarily economic growth? What if there is a strong push for a fairer redistribution of economic prosperity?

Digital Distributed

What if Northern Powerhouse ambitions are realised by using technology solutions to create connections and agglomeration across towns and cities?

Urban Zero Carbon

What if society achieves Northern Powerhouse ambitions through string Government policy on decarbonisation, maximising energy efficient city growth and urban densification?

Just About Managing sees the highest emissions overall as public transport use and active travel remains largely unchanged from today's levels and there is a slower uptake of zero-emissions cars and vans in the short-term and HGVs in the long-term.

Prioritised Places sees slightly more ambitious emissions reductions in the short-term compared to Just About Managing through an emphasis on localised activity and use of public transport, though a failure to sufficiently embrace technology sees a high proportion of diesel-run HGVs and similar emissions to Just About Managing in 2050.

Digitally Distributed sees slower progress in the short-term due to more dispersed growth, higher car ownership and longer trips, but high EV uptake means near-zero is reached before 2050.

Urban Zero Carbon sees the lowest emissions in all years and is near-zero before 2050, with high-density living, a rapid uptake of zero-emission vehicles and strong government action on climate change.

Consultation Plan

- TfN has developed a Decarbonisation Strategy for which a public consultation is required. The consultation has been developed and delivered by the Strategy team, working with external consultants/suppliers, Traverse.
- The Stakeholder Engagement & Communications Team (SECT) is supporting the delivery and promotion of the consultation through a number of channels, including virtual events, media relations, website content and social media, and internal messaging.
- The consultation launched on the **7th June**, and will run for 12 weeks, closing at **12pm on the 31st August**.

Summary of Activity

- **Consultation website:** There is dedicated consultation website which is interactive and enables people to submit responses on specific sections.
- **Consultation events:** It was agreed with partners that three consultation events will be held, focusing on the three main regions of the North: North West, North East and Yorkshire and the Humber. This will be done virtually, via Zoom.
- **Wider promotional activity:** There has also been broader supportive activity, including a TfN Talks Webinar, a TfN Podcast and a Transport Across the North APPG session, along with roundtables for dedicated business groups and environmental organisations.
- **Media:** Tailored releases for national/regional/local/trade/broadcast press announcing the consultation launch and including reference to the virtual consultation dates, encouraging people to take part. Members are invited to provide supportive comments and offered the chance to record virtual promotional video.

