

# **Birmingham City Council Scrutiny Committee meeting - Avanti initiatives on air quality reduction**

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# Introduction

- WCML franchise operator since December 2019
- West Coast Partnership – AWC and WCPD
- Bridge between high speed services and the existing network
- Package of committed obligations & planned investments both in our stations and across our fleet

## Avanti West Coast Mission:

“Make a difference today to look after tomorrow”

# Air Quality Approach

- The Avanti Sustainable Development Strategy incorporates Air Quality
- Pollution management is incorporated in our Environmental Management System (ISO 14001 and 50001)
- We have displayed Taxi engine idling posters at all of our stations
- We support the UK Rail Air Quality Strategic Framework and work with RSSB on a number of air quality initiatives
- We are looking at installing diffusion tubes at all of our stations to monitor air quality



# Current Initiatives at BHM



The Voyager auto engine shutdown process was revised in July 2019. When the master key is removed the engine stop times are:

- After 4 mins (previously 8 mins) one engine stops
- After 5 mins (previously 10 mins) two further engines stop
- An Operation Notice was sent out to all Drivers when the auto engine shutdown process was revised.
- Train Drivers are briefed on train idling during their safety briefs and through their driver assessments.
- If any idling incident is raised by Network Rail platform staff the Driver Management Team investigate.



## Future Initiatives

The current plan is to replace all of the Avanti Voyager Fleet by the end of 2022, to be replaced by:

- 13 new five-carriage bi-mode trains (807's)
- 10 new seven-carriage electric trains (805's)

Once the new trains are rolled out all Avanti trains running through Birmingham New Street Station will be powered by electricity either through the overhead or via battery; without any diesel engine exhaust emissions.

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