

Merseyrail Rolling Stock Programme

November 2018

David Powell, Programme Director, Merseytravel



Why New Trains?



- Increasing demand on the network (2.5% a year) requires increased capacity
- Age of the fleet – advancing obsolescence
- Cornerstone of the Liverpool City Region Long Term Rail Strategy
- Meet safety recommendations following 2011 James Street accident
- Fleet replacement by direct procurement and ownership rather than leasing selected as best value for money option long term

What New Trains Will Mean...

- Safer
- Journey time reduction
- Higher passenger capacity
- Future-proofed to operate beyond 3rd rail infrastructure
- The most accessible heavy rail network in the UK
- Improved reliability
- Increased energy efficiency and reduced carbon footprint
- Economic boost to the city region
 - £70m per annum economic activity
 - 1,000 jobs



More Than Just Trains...

- Modernisation of maintenance depots by Stadler
- Train maintenance by Stadler
- Major upgrade of power supply
- System wide works to normalise track – platform dimensions
- Infrastructure modifications to accommodate longer trains
- Communications infrastructure to maximise connectivity
- **Total investment including new fleet £460m**



Timeline

Activity	Date
Business case development	2012 - 2015
Rolling stock procurement	2015 – 2017
Rolling stock contract award	Feb 2017
Maintenance transfer	October 2017
Rolling stock design complete (3 stages)	October 2018
Rolling stock delivery for testing	Summer 2019
Infrastructure and depots upgraded	2019 - 2020
New units into service – phased transition	2020
Full fleet in service and timetable change	2021

Questions?

