

Tyne and Wear Metro

A review of the all change modernisation programme



all change



2010

2021

Tyne and Wear Metro is almost halfway through the £389m Metro: all change modernisation programme led by Nexus on behalf of the North East Combined Authority

203
individual projects

24km
of track

44km
signal cables

31km
trough routes

have been completed or are in the process as part of the programme

24km of track has been relaid

44km of new signal cables

31km of cable trough routes

18 NEW energy-efficient escalators

The electricity saved annually from 18 new more energy-efficient escalators is enough to power 270 average homes for a whole year



ZERO
minutes delay

caused by rail breaks in the last two years down from 800 minutes a year before investment started

30%↓

reduction in signal faults compared to 2010

£10,000
EVERY HOUR

is invested during 'Major Line Closures' as contractors work intensely to reduce disruption to passengers



16,000

kettles could be boiled with the power saved every year from 12 new energy-efficient lifts installed so far at key stations

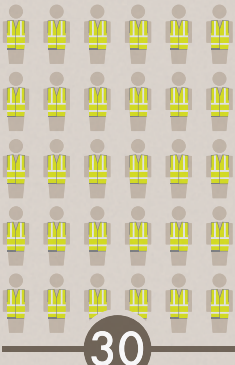
160

more comfortable places to sit

on new benches installed at refurbished stations



Hundreds of old track sleepers have been reused on local footpaths and cycleways



30

new apprentices started as Nexus renews its workforce as well as its Metro assets

Metrocar fleet stripped down to treat corrosion and then refurbished



The interval between failures at each set of points has grown from once every three years to less than once every nine years

25%↓ **£20m↑**

reduction in project management/design costs since 2011 mainly through developing Nexus staff to deliver in-house – this means Nexus can invest an extra **£20m in new assets** over the whole programme

1

protected birds nest looked after during major track works nearby

75 times around the world is the distance travelled by every Metrocar – underlining the need for further investment in a new fleet

75 TIMES

