

# One Public Transport System for Cornwall

**Nigel Blackler**

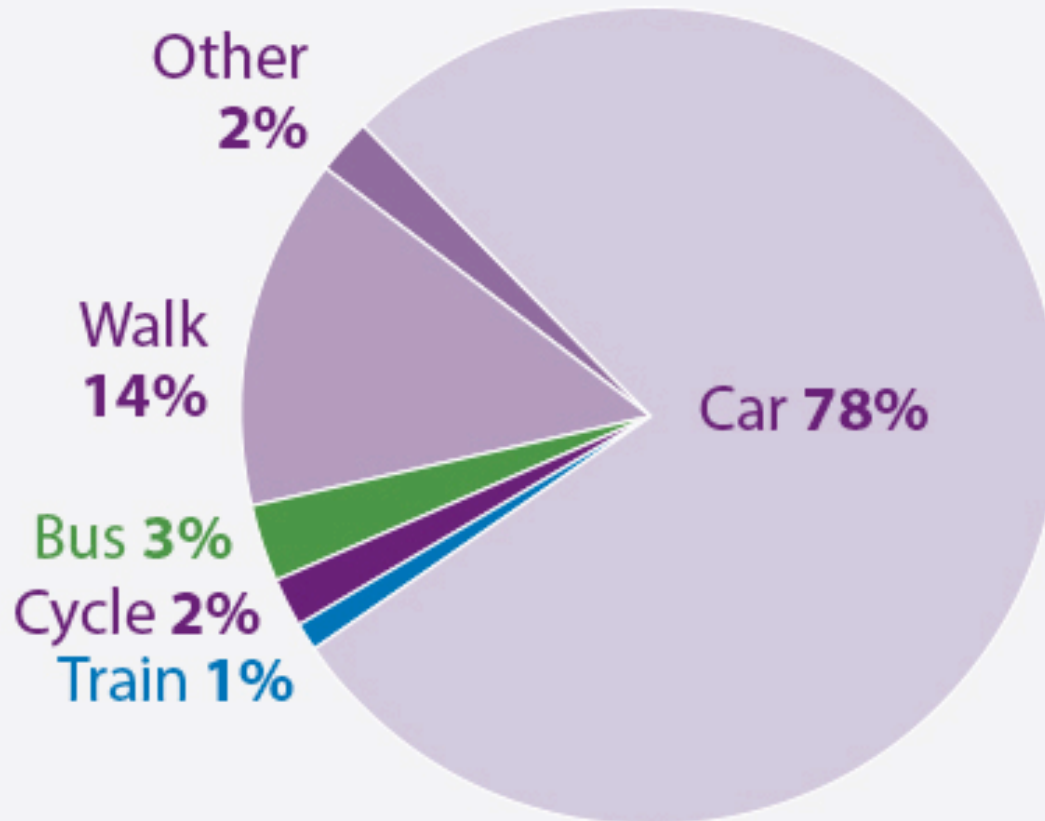
**Head of Strategy, Economy, Enterprise  
and Environment**

**[www.cornwall.gov.uk](http://www.cornwall.gov.uk)**



## Transport in Cornwall

- Travel to work trips per day **205,931**

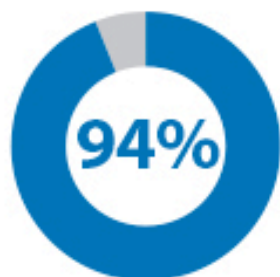


- Total distance travelled by commuters each day **3,600,000 km**

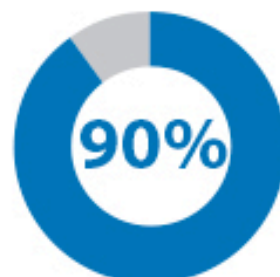
# Rail in Cornwall

- Local investment of £36m in rail since 2000.
- 140% increase in rail passengers since 2000.
- 31% of all rail journeys in Cornwall are on branch lines (14/15)

## Reliability

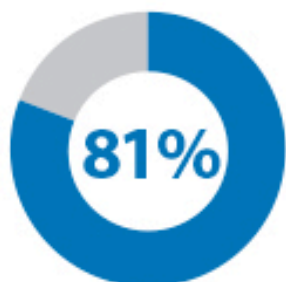


Local trains on time



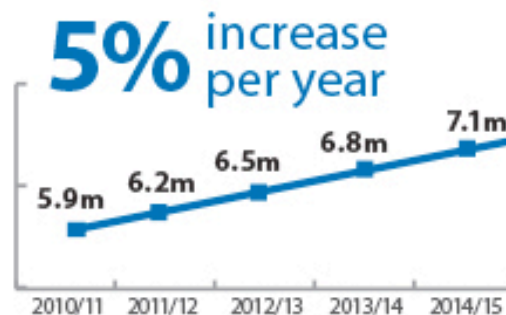
Inter-City trains on time

## Customers



of users satisfied

## Passengers



# Buses in Cornwall

- Reduced number of services.
- 70% of passengers have no viable travel alternative.
- 120,000 concessionary pass holders.

## Quality



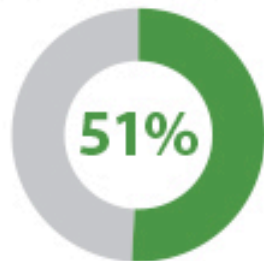
average age of  
buses in Cornwall

## Reliability



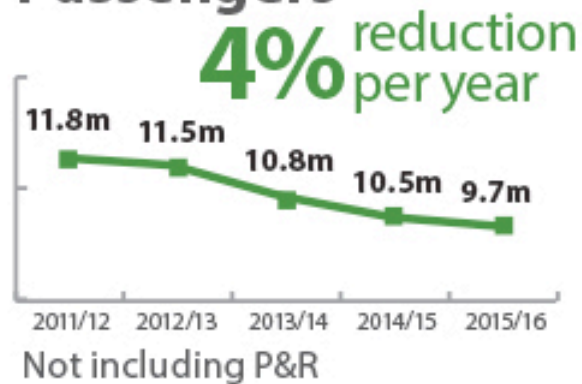
Buses  
on time  
2014/15

## Customers

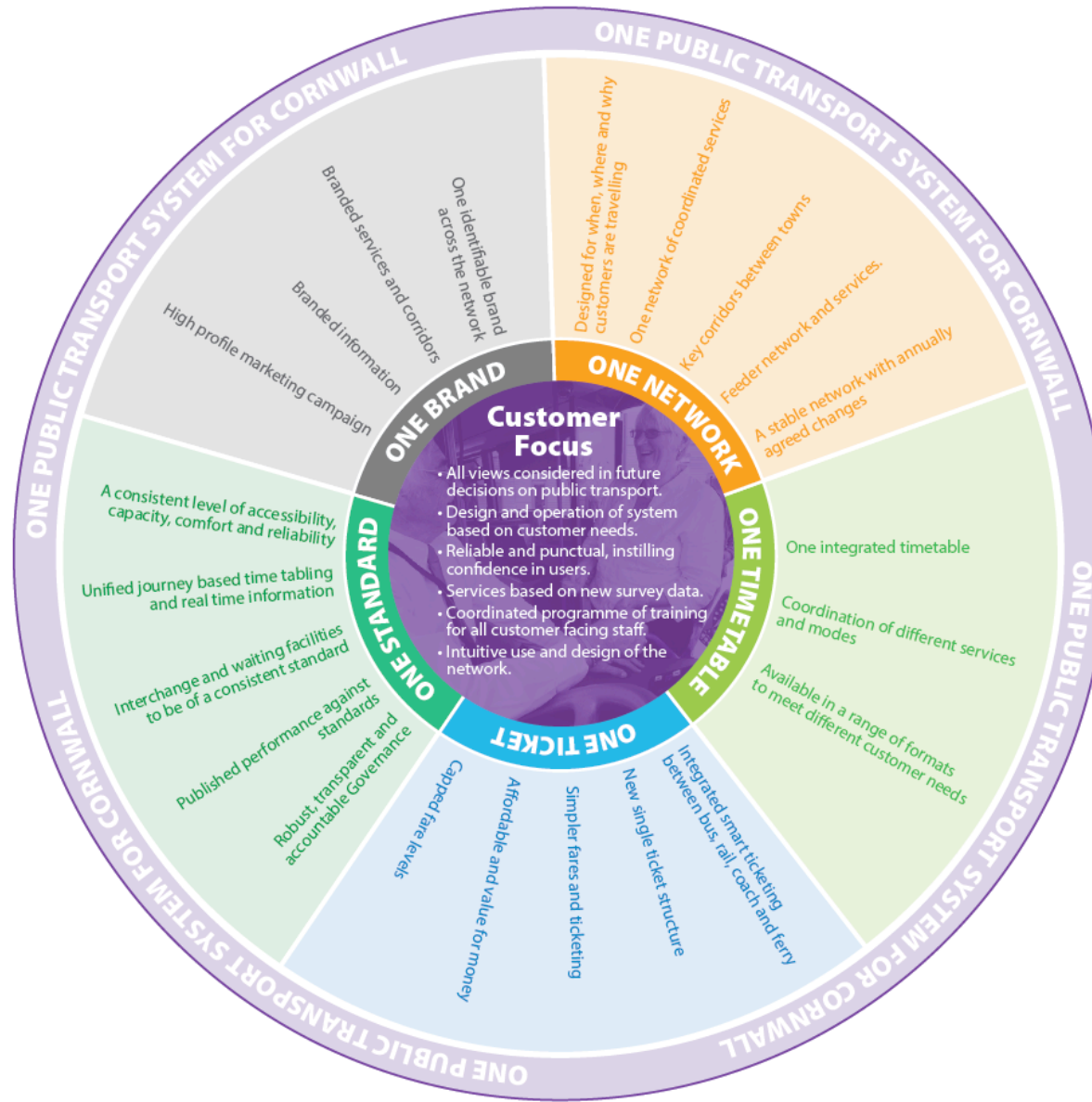


of users and non-  
users satisfied

## Passengers



# One Public Transport System for Cornwall





# DELIVERING RAIL IMPROVEMENTS IN CORNWALL

It is vitally important that we maintain the momentum which we have developed over the last decade in Cornwall through the delivery of a sustained programme of investment which has seen new services, station improvements, new lines and signalling and higher service standards.

During this period, Cornwall has seen a good return on its £36.5m investment in the rail network, with more than a doubling in the number of annual passenger journeys.

Cornwall Council and the Cornwall and Isles of Scilly Local Enterprise Partnership have worked with the Department for Transport, The Office of Rail Regulation, GWR and Network Rail on a further package of measures which will make a real difference to rail services in Cornwall.

In our view, investing in these projects makes good economic sense as they contribute to the efficiency of operating the railway, improving its attractiveness to customers and increasing its role in supporting our economy and social transport provision.

*Bert Biscoe*

**Bert Biscoe CC**  
Cabinet Member  
Transport

*Mark Duddridge*

**Mark Duddridge**  
Chairman  
Cornwall and Isles of Scilly LEP

## Cornwall's Rail Network

**36 stations**

serving key strategic and economic centres

**128km**

of mainline railway in Cornwall

Mainline and station

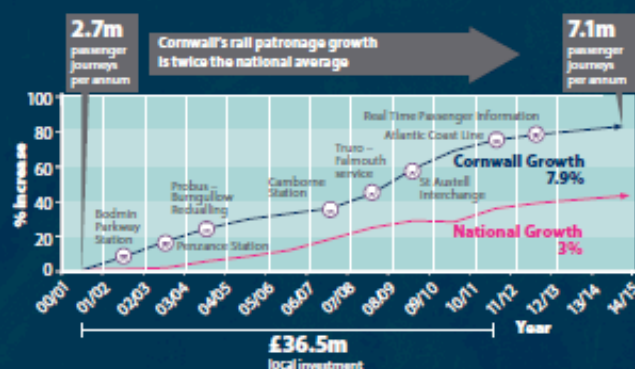
**5 branchlines**

The St Ives Bay line  
The Marazion line  
The Atlantic Coast line  
The Looe Valley line  
The Tamar Valley line



## Cornwall's Rail Investment

Cornwall has invested over £36.5m in its local rail network since 2000 – funding new and more frequent services, station improvements, new lines – driving passenger growth of 141%.

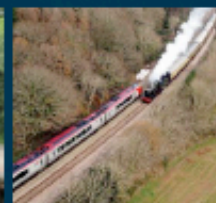


These schemes have been delivered by Cornwall Council working in partnership with the Department for Transport, GWR and Network Rail.

**Station improvements**  
Bodmin Parkway



**Redualling of the mainline**  
Probus – Burghullow



**Frequency improvements**  
Atlantic Coast Line



**Passing loop and frequency improvements**  
Truro – Falmouth branchline



# RAIL IMPROVEMENTS IN CORNWALL

Cornwall's railway network is crucial to our economic growth, providing access to employment and education opportunities and connecting businesses to markets in Plymouth, Exeter, Bristol and London. These works form part of an improved integrated transport network, linking with buses at key interchanges to deliver one integrated Public Transport System for Cornwall.

## UPGRADED SLEEPER SERVICE

GWR are carrying out a complete overhaul of all the Night Riviera Sleeper trains which will increase the capacity, upgrade the quality and continue to drive growth in the service.

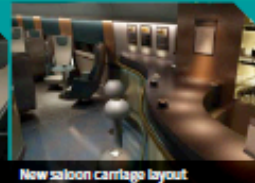
New sleeper lounges will be built at Penzance and Truro. First Class Lounge at Paddington upgraded to improve the facilities for sleeper customers.

IN SERVICE DECEMBER 2016

## NIGHT RIVIERA UPGRADE



New saloon carriage layout



New saloon carriage layout

## NEW SLEEPER LOUNGES



Penzance and Truro

## ENHANCED MAINTENANCE FACILITY

GWR are working with Network Rail to expand the existing depot to maintain the upgraded sleeper fleet and additional rolling stock required to provide service improvements on the mainline.

IN OPERATION MARCH 2017

## TRAINCARE CENTRE, PENZANCE



Artist impression of new Traincare Centre

## MAINLINE SERVICE IMPROVEMENTS

Mainline signalling enhancements being delivered by Network Rail will result in two trains per hour in both directions on the Cornish mainline which will increase capacity, improve journey times and passenger comfort and play a key role in integrating Cornwall's rail and bus networks.

IN SERVICE DECEMBER 2018

## SIGNALLING ENHANCEMENTS



## ADDITIONAL ROLLING STOCK



Cascaded rolling stock - Four car Class 158

## WEST CORNWALL INTERCHANGE



St Erth  
New  
junction

New car parking  
New car parking





# PENZANCE LONG ROCK DEPOT EXTENSION AND NIGHT RIVIERA SLEEPER UPGRADE

## PENZANCE LONG ROCK DEPOT EXTENSION

The upgraded and expanded depot facility will:

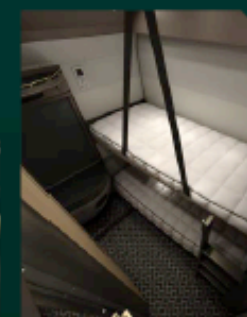
- Allow for the maintenance of the Night Riviera Sleeper to be undertaken in Cornwall.
- Support the planned introduction of a twice-hourly service on the Cornish mainline.
- Improve the visual appearance of the depot and surrounding area.
- Provide better facilities for staff working at the location.



## NIGHT RIVIERA SLEEPER UPGRADE

The upgraded Sleeper will feature:

- Completely redesigned and refreshed cabins with power points.
- Enhanced buffet and bar area laid out in an attractive brasserie-like style.
- Increase in capacity of sleeper service and seats available in day coaches.
- Improved facilities for persons with reduced mobility.



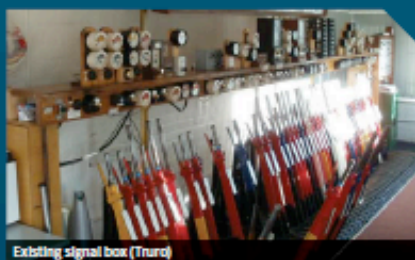




# MAINLINE SIGNALLING ENHANCEMENTS

The provision of additional signalled sections will provide the capacity to increase the frequency of trains to two per hour in each direction on the Cornwall mainline in December 2018.

This provides Network Rail with the opportunity to accelerate the delivery of the planned signalling upgrade between Penzance and Totnes to deliver further operational savings and create a more resilient mainline.



Existing signal box (Tunet)



Modern signal control centre

## DELIVERY

- Signalling enhancement scheme to provide additional signals on the Cornwall mainline was prioritised by Cornwall and Isles of Scilly Local Transport Board.
- Cornwall's signalling enhancement scheme provides Network Rail with the opportunity to bring forward its planned signalling renewal for the section between Penzance and Totnes.

## THE OUTCOMES

- Creates the capacity to operate two trains per hour on the Cornish mainline when the additional rolling stock becomes available in December 2018.
- Delivers a key element of the proposed integration of bus and rail services included in the Devolution Deal for Cornwall.
- Provides ability to improve journey times.
- Network Rail's signalling renewal if brought forward will provide operational savings of up to £7m across five years.



Existing mainline semaphore signalling (Cornwall)



Signalling renewal



The signing of the Devolution Deal for Cornwall



# NEW FLEET OF TRAINS FOR TRAVEL INTO THE SOUTH WEST

## MORE SEATS, SHORTER JOURNEY TIMES

- GWR will take delivery of 29 new long-distance AT300 trains to serve the south west from 2018, which will be manufactured by Hitachi.
- The state-of-the-art trains will provide improved passenger comfort with up to 24% more seats compared to the majority of the High Speed Trains serving the route today.
- More than 1,000 additional seats at peak times will be provided across the route every day.
- The new trains will deliver improved reliability and cut journey times from London to Exeter by up to 5 minutes, to Plymouth by up to 6 minutes, and to Penzance by up to 14 minutes.



Department  
for Transport

**GWR**

Great Western Railway

