

Appendix D



Strategic Transport Plan





“A thriving North of England, where modern transport connections drive economic growth and support an excellent quality of life.”





National

Pan-Northern

City Regions and Local Enterprise Partnerships

Local Transport Authorities,
Combined Authorities

Local District, Planning and Highway
Authorities





A TRANSFORMED NORTH



£100bn
increase in GVA



850,000
additional
jobs





INVESTMENT IN TRANSPORT



Increase
employment
and real wages



Improve standards
of living across the
region



Increase business
competition
and productivity



Stimulate business
collaboration



Support health and
wellbeing



Reduce journey times



Increase land value



Reduce transport
costs



Connecting people:

Creating faster, more reliable transport connections to improve job opportunities, give access to leisure activities & support tourism.



Connecting businesses:

Supporting commerce by improving national and international connections in, out of and across the region.



Moving goods:

Improving links across the North and to our ports and airports to enable freight and goods to move more efficiently.





PAN-NORTHERN TRANSPORT OBJECTIVES



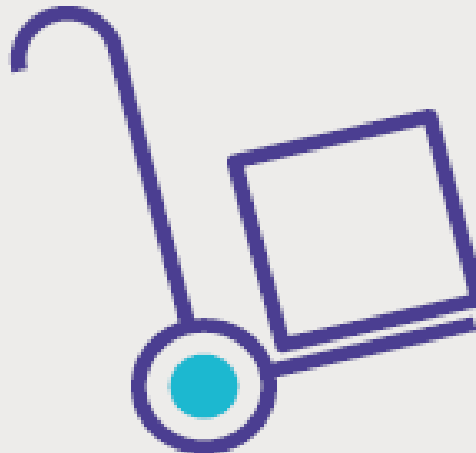
Transforming economic performance



Improving opportunities across the North



Promoting and supporting the built and natural environment



Increasing efficiency, reliability and resilience of the transport system





PRIME CAPABILITIES

Advanced
Manufacturing



Digital



Energy



Health
Innovation



ENABLING CAPABILITIES



Education
(particularly Higher
Education)



**Financial &
Professional
Services**



Logistics

DISTRIBUTION OF PRIME CAPABILITIES

Prime Capabilities

- Digital
- Energy
- Health Innovation
- Advanced Manufacturing



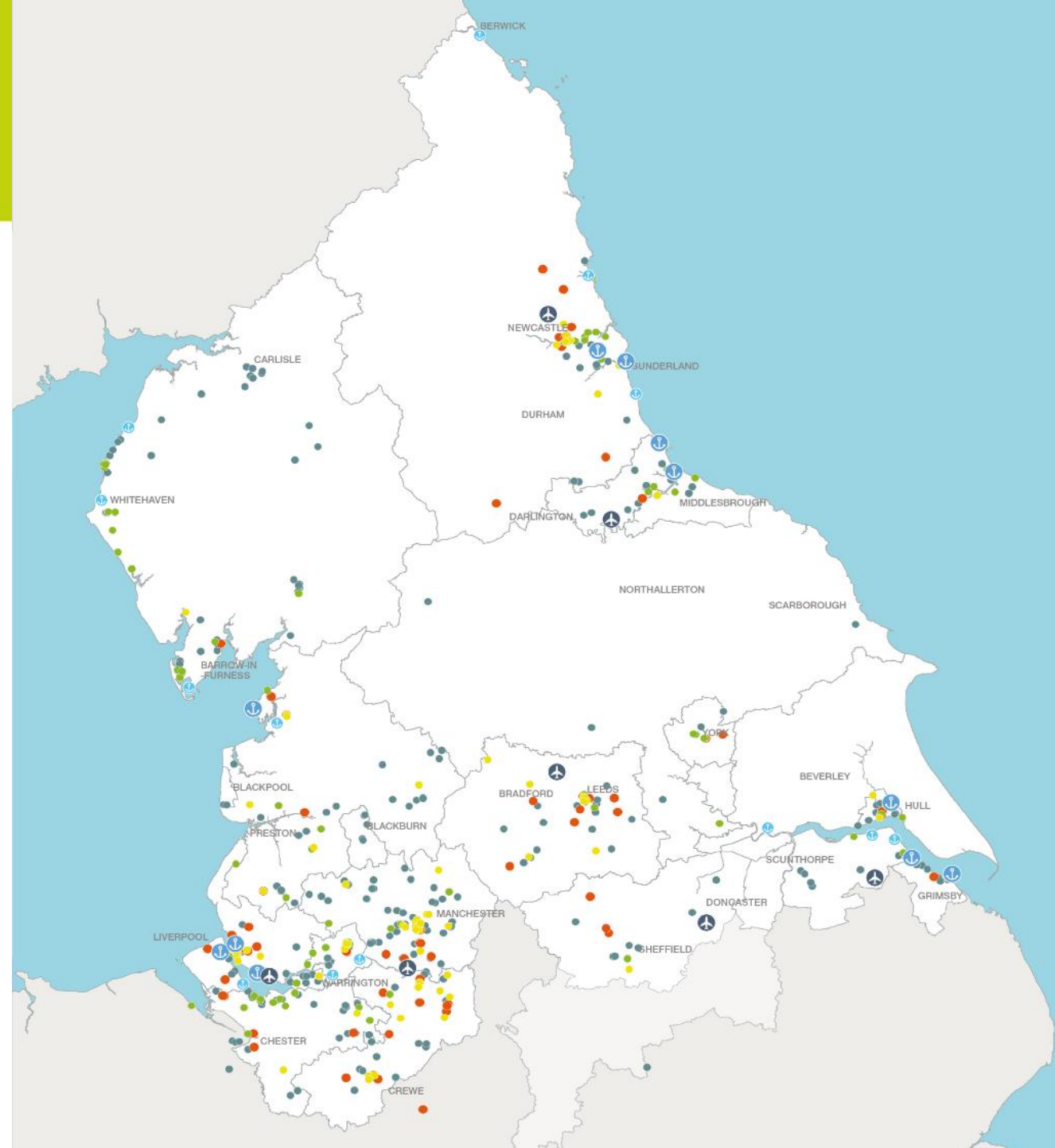
2.1m jobs

30% of all jobs
are in the North



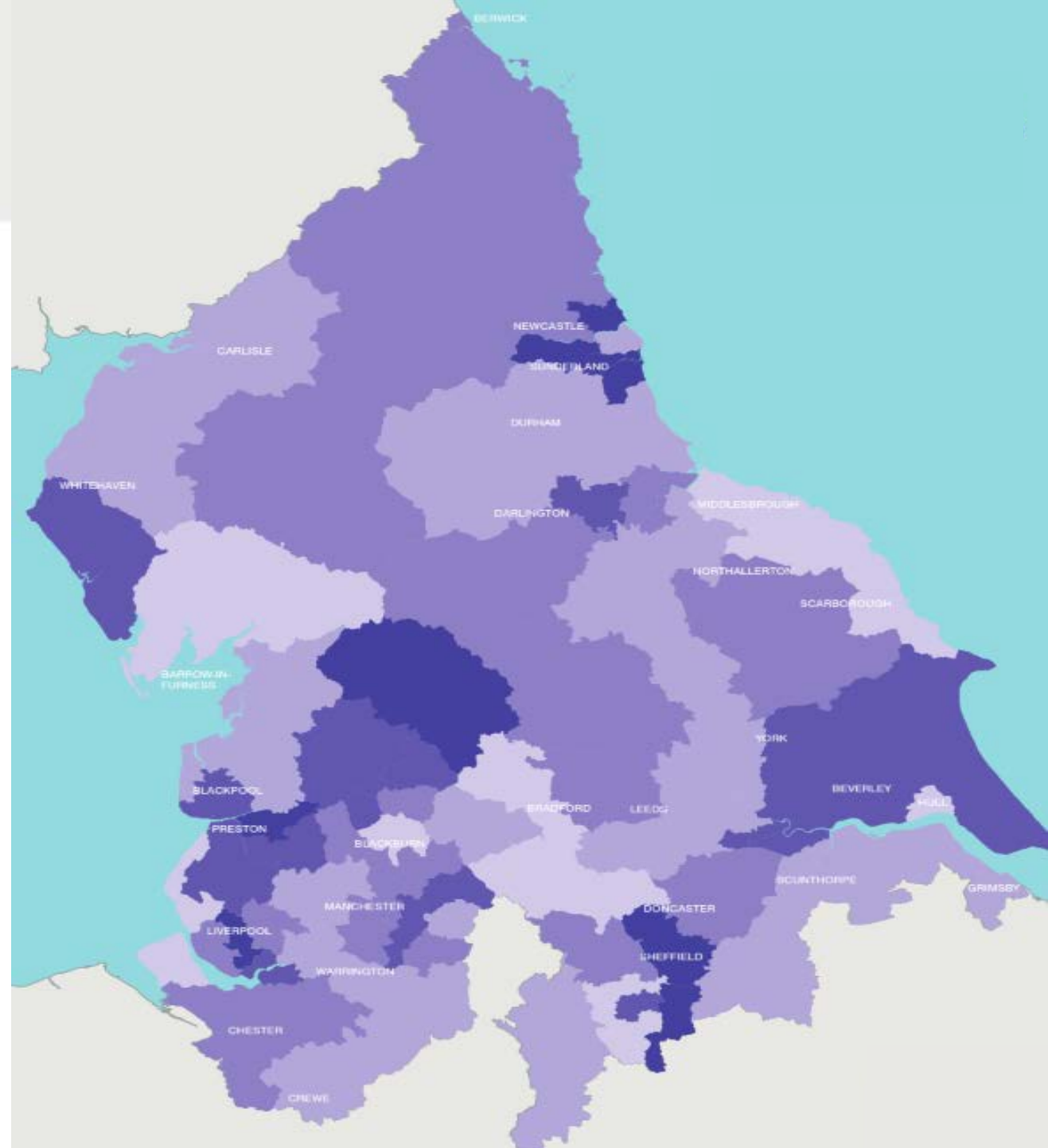
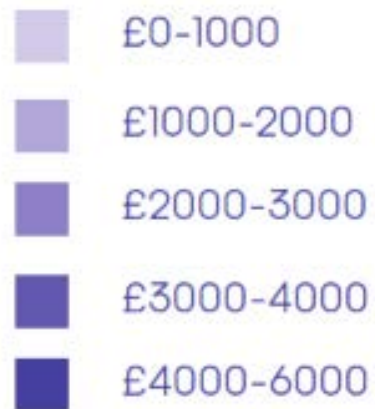
£100bn+

Around 35%
of the North's GVA



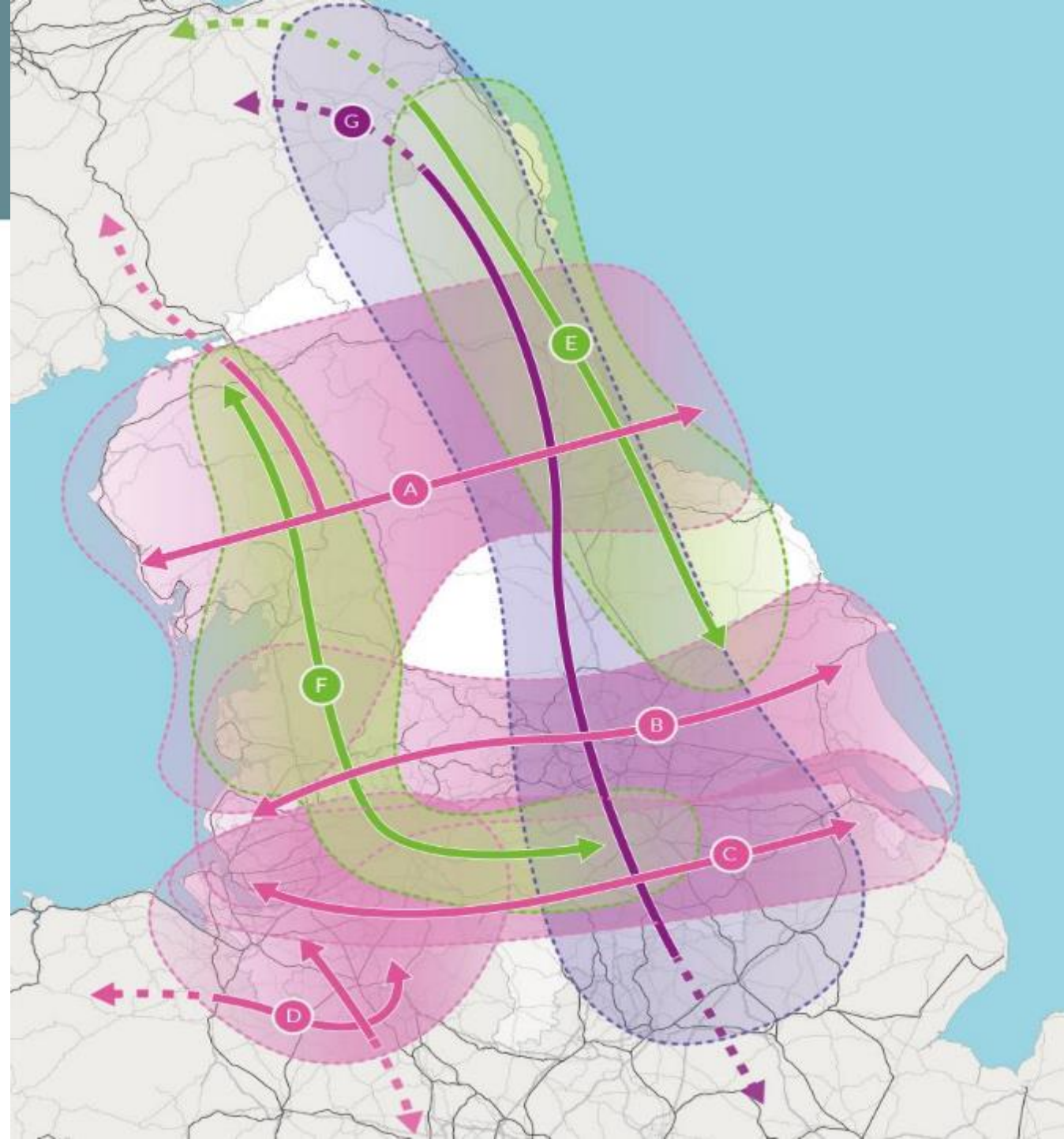


PROJECTED GVA GROWTH BY 2050



STRATEGIC DEVELOPMENT CORRIDORS

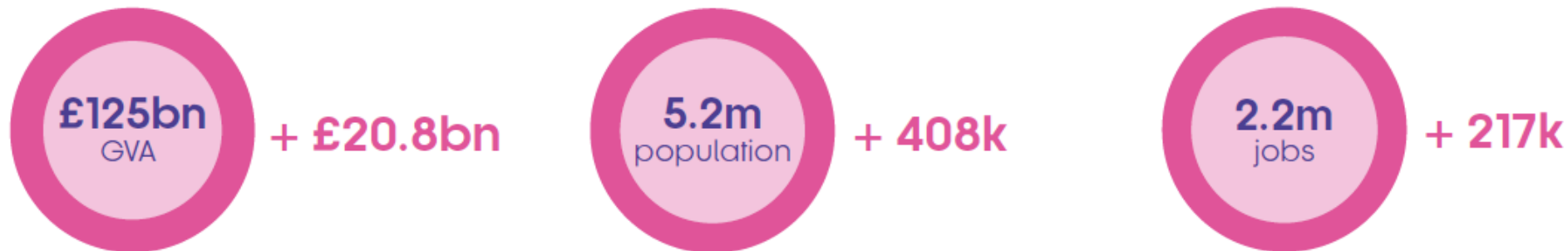
- A** Connecting the Energy Coasts
- B** Central Pennines
- C** Southern Pennines
- D** West and Wales
- E** East Coast to Scotland
- F** North West to Sheffield City Region
- G** Yorkshire to Scotland



Connecting the Energy Coasts

Improving connectivity for people and goods between the nationally significant non-carbon energy and research assets located in Cumbria, Lancashire, North Yorkshire, the North East, and Tees Valley.

Multi-Modal



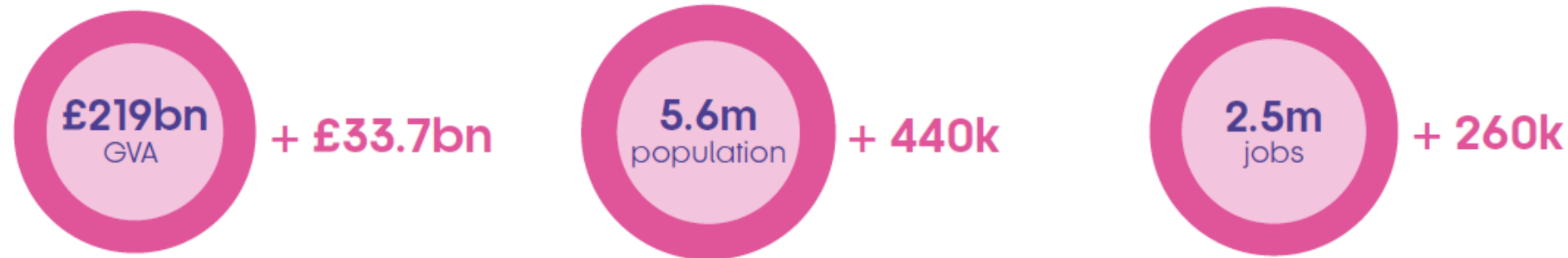
● Business as usual scenario 2050

● Transformational scenario Added Value 2050

West and Wales

Improving connectivity, for people and goods, to, from and through the important economic centres and assets of Cheshire, Liverpool City Region and Greater Manchester, with strategic connectivity in to North Wales and the Midlands.

Multi-Modal



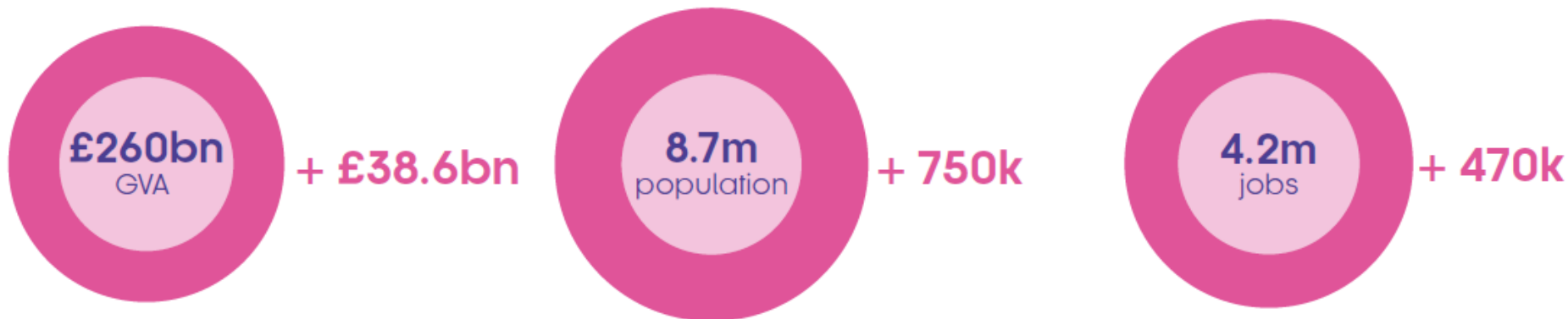
● Business as usual scenario 2050

● Transformational scenario Added Value 2050

Central Pennines

Improving strategic east-west connectivity for some of the North's important economic centres and assets in North Yorkshire, West Yorkshire, East Riding and Hull and Humber through to Greater Manchester, Lancashire and Liverpool City Region.

Multi-Modal



● Business as usual scenario 2050

● Transformational scenario Added Value 2050

North West to Sheffield City Region

Strengthening rail connectivity between the advanced manufacturing clusters and assets in Cumbria, Lancashire, Greater Manchester and Sheffield City Region, with improved connectivity from the North in to Scotland.

Rail



● Business as usual scenario 2050

● Transformational scenario Added Value 2050



Strategic Development Corridors

**Northern
Powerhouse
Rail**

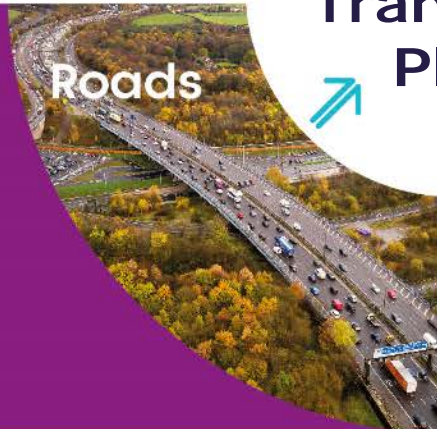


**Long Term
Rail Strategy**



Strategic
Transport
Plan

**Major Road
Network**



**Integrated
and Smart
Travel**



NORTHERN POWERHOUSE RAIL

Significantly improving capacity, frequency, speed and services between the North's main economic centres

- Northern Powerhouse Rail - upgrade line
- Northern Powerhouse Rail - new line
- Linking Liverpool to HS2
- HS2 line
- TransPennine Route Upgrade
- Existing line
- Northern Powerhouse Rail hub station
- Other significant economic centre
- Northern Powerhouse Rail junctions with HS2





LONG TERM RAIL STRATEGY

Connectivity

Improvement in train services to link places people want to travel, and provide better connections and service frequency.

Capacity

Providing more space for passengers and more rail track to allow more trains.

Customers

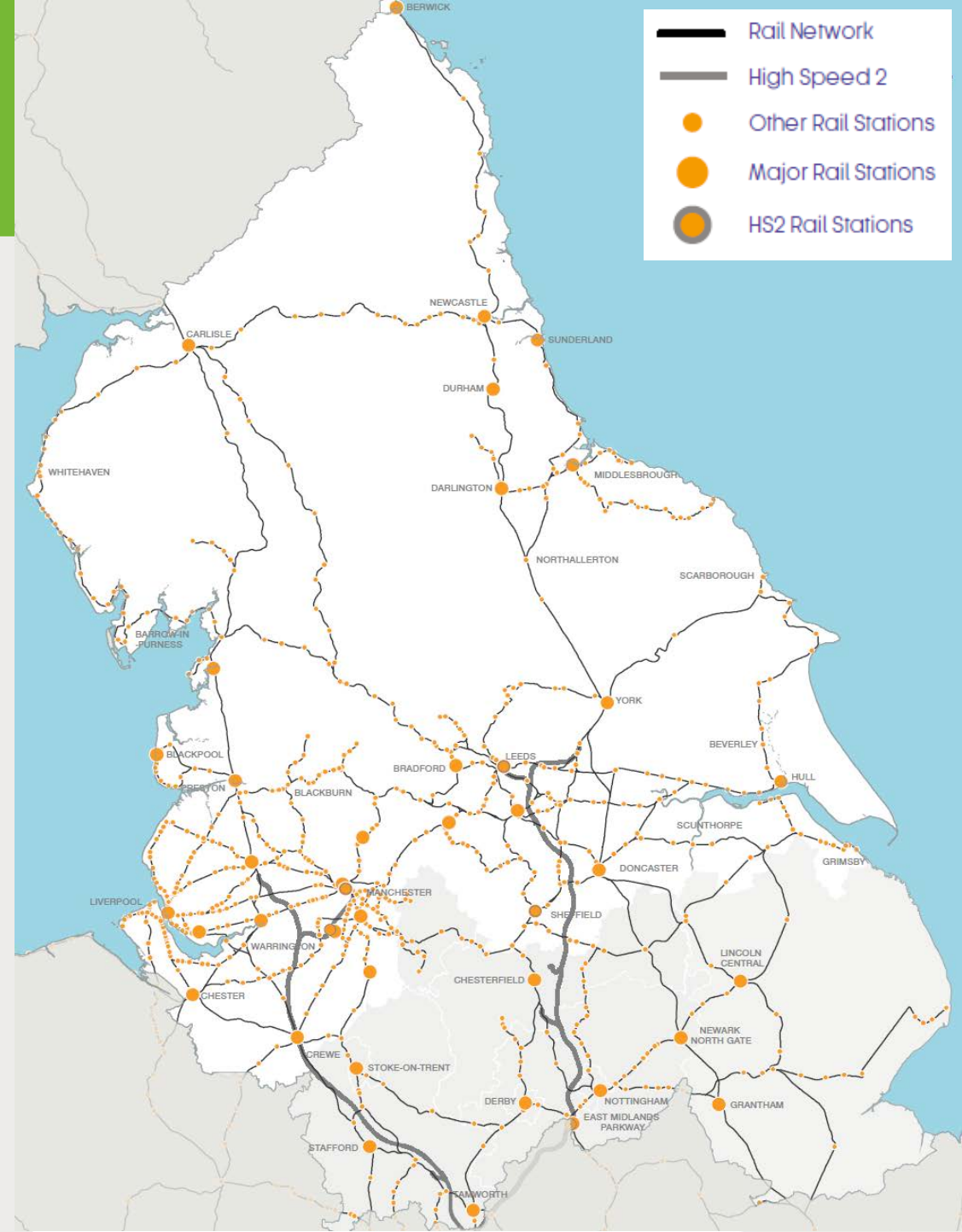
Meeting the needs and expectations of customers (freight and passengers).

Communities

Involve and integrate with local communities.

Cost-effectiveness

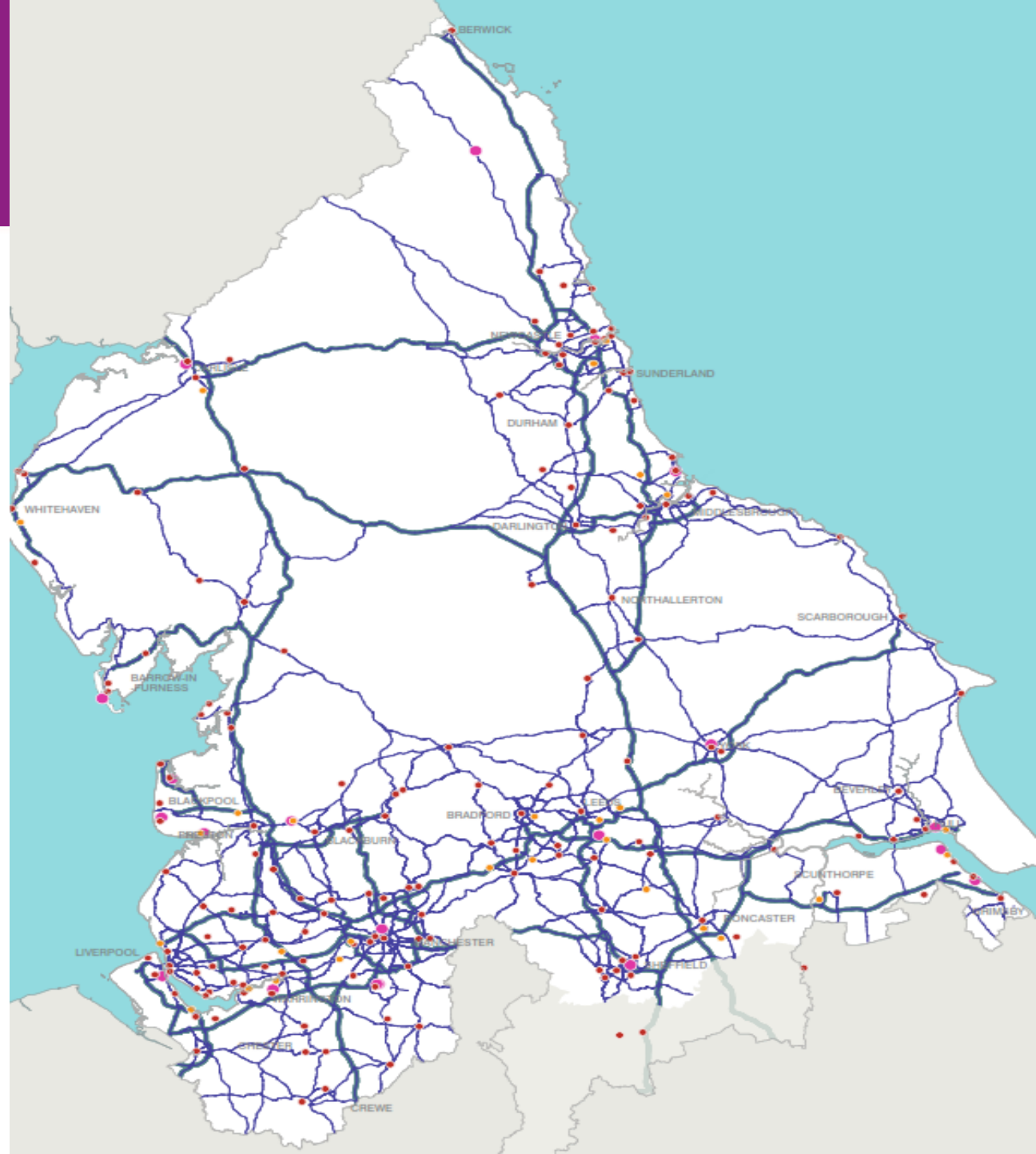
Support better ways of working and continue improving financial returns through train operators.





MAJOR ROAD NETWORK

- Better journey reliability
- Enhanced network efficiency
- Increased network resilience
- Improved journey quality





INTEGRATED AND SMART TRAVEL



- **Tranche 1 (2018):** Smart tickets for rail season tickets
- **Tranche 2 (2018/19):** Enhanced real time customer information
- **Tranche 3 (2019 - 2021):** Implementation of multi-modal contactless travel with simpler fare structures





FUNDING THE INVESTMENT PROGRAMME



Additional funding

Further funding may be required once work programmes have completed



£21 – 27 billion

Additional required for transformational strategic transport

£39 – 43 billion

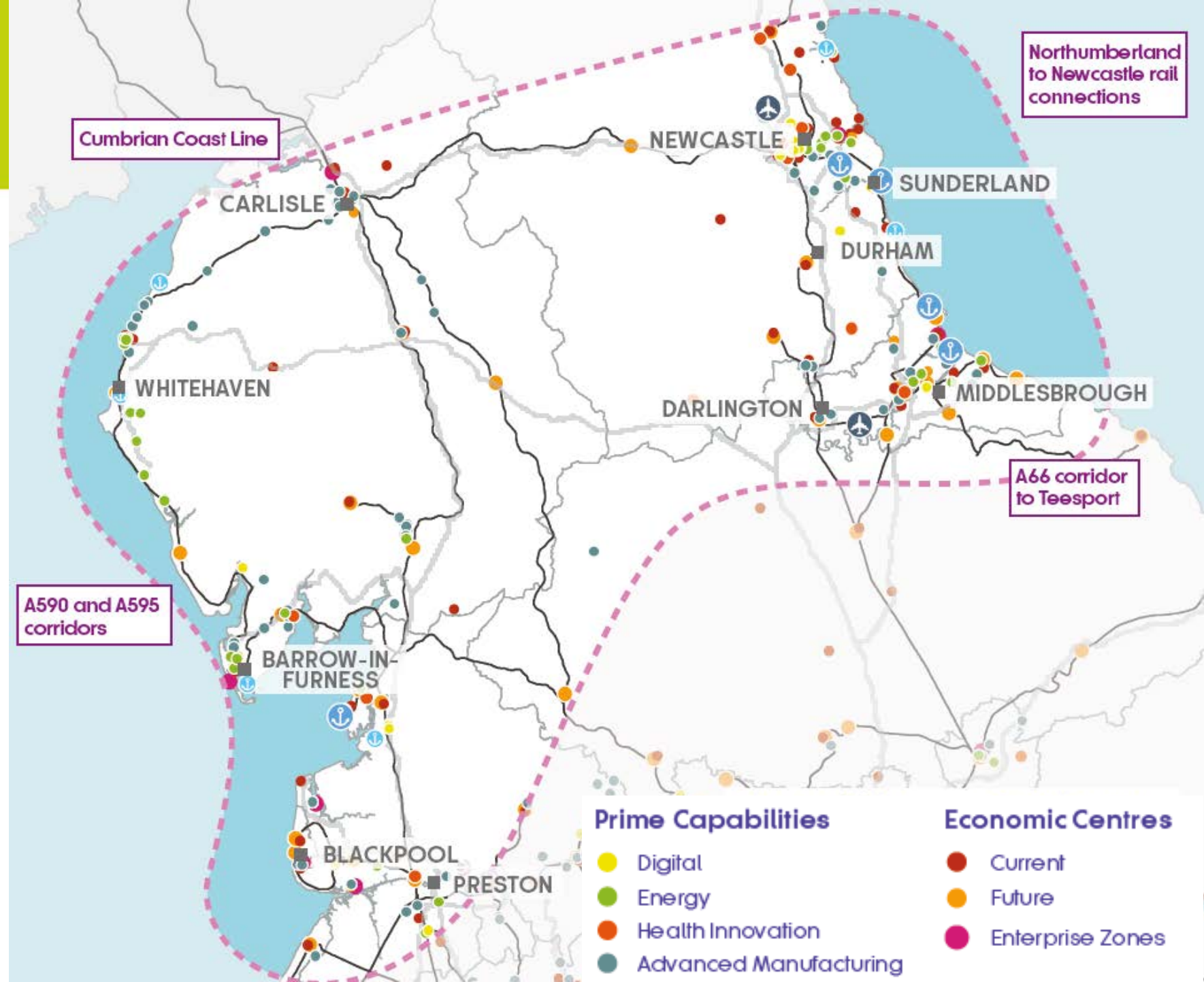
Continued levels of strategic transport funding



Multi-Modal



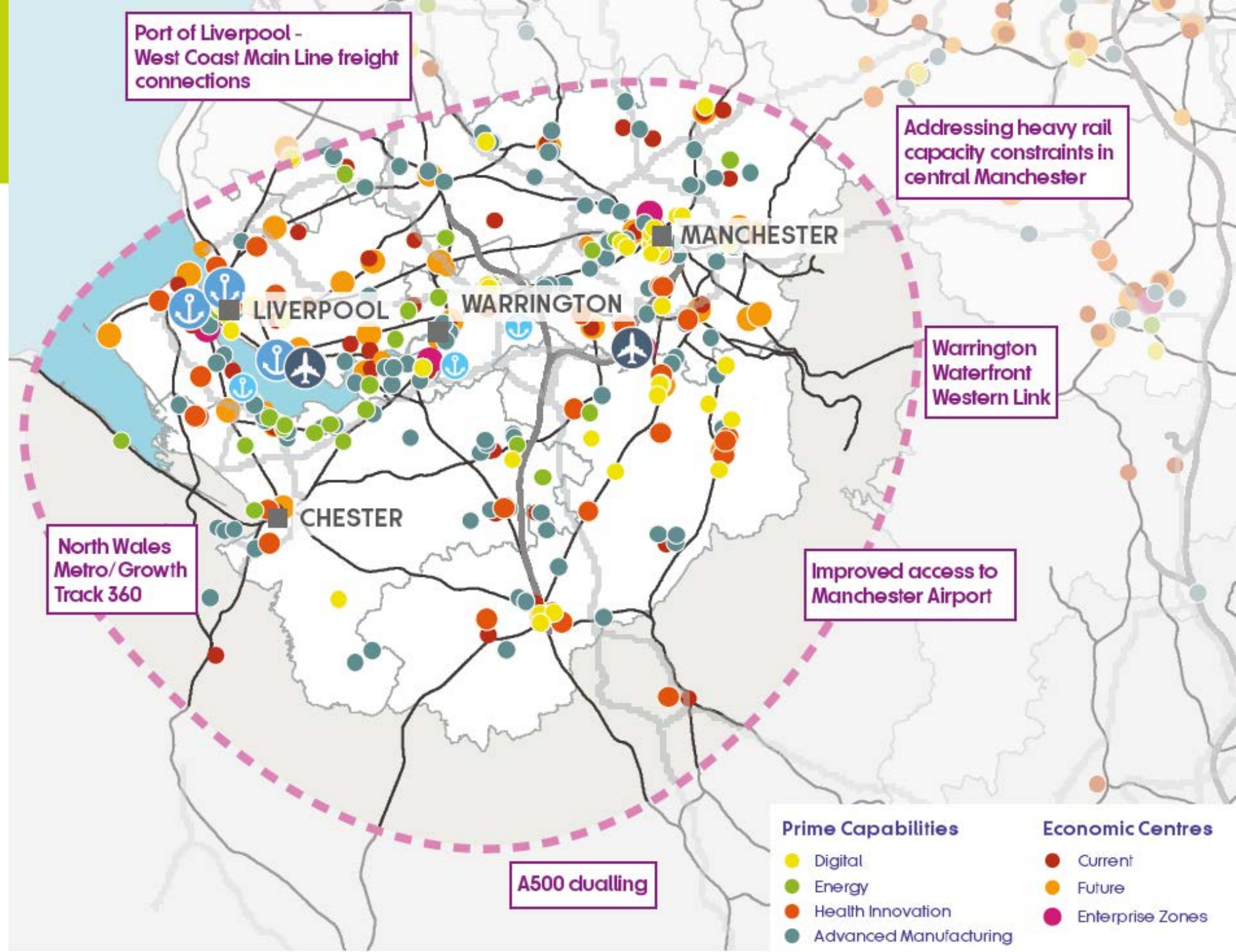
CONNECTING THE ENERGY COASTS



Multi-Modal



WEST AND WALES



CENTRAL PENNINES

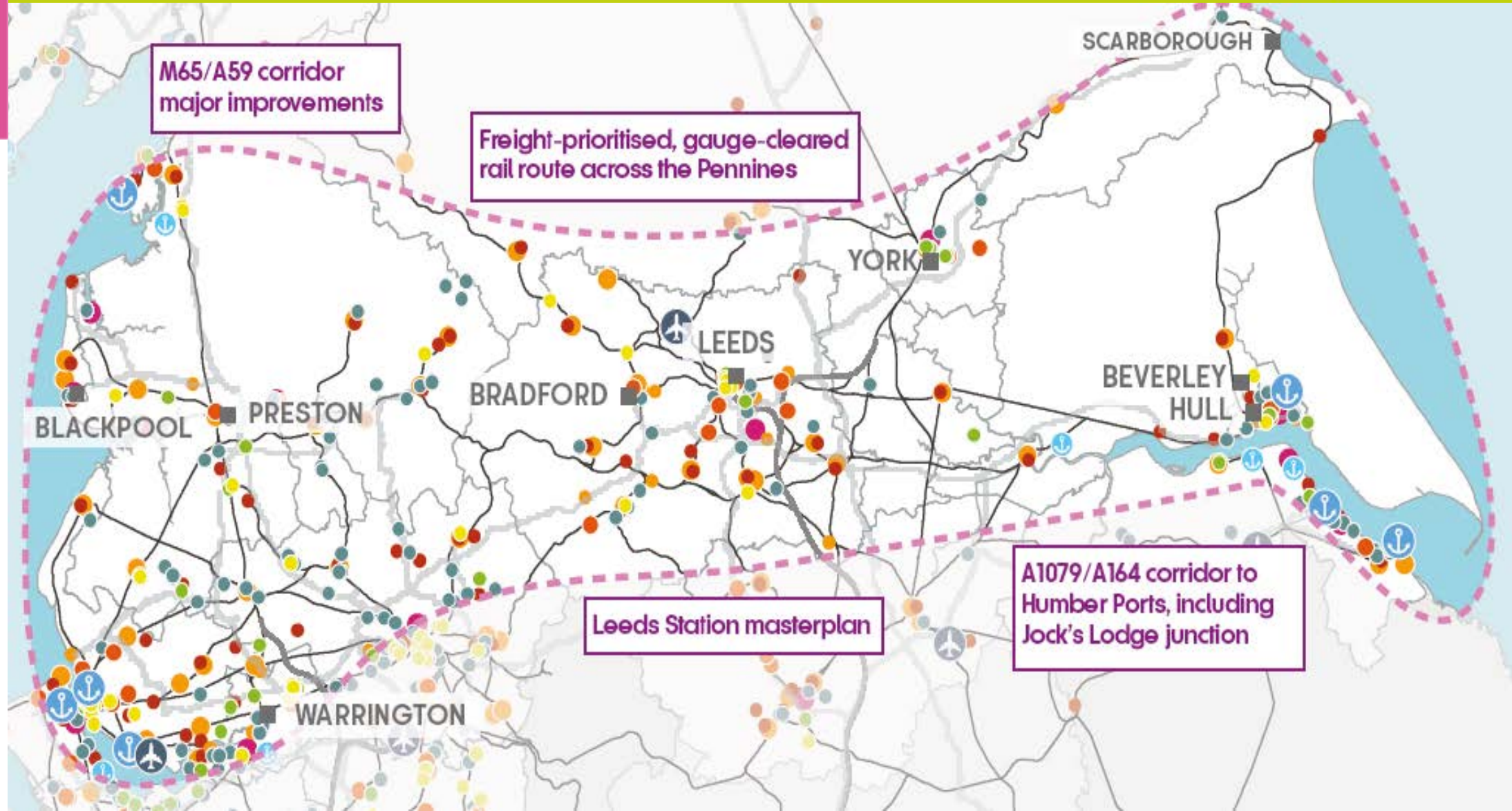


Prime Capabilities

- Digital
- Energy
- Health Innovation
- Advanced Manufacturing

Economic Centres

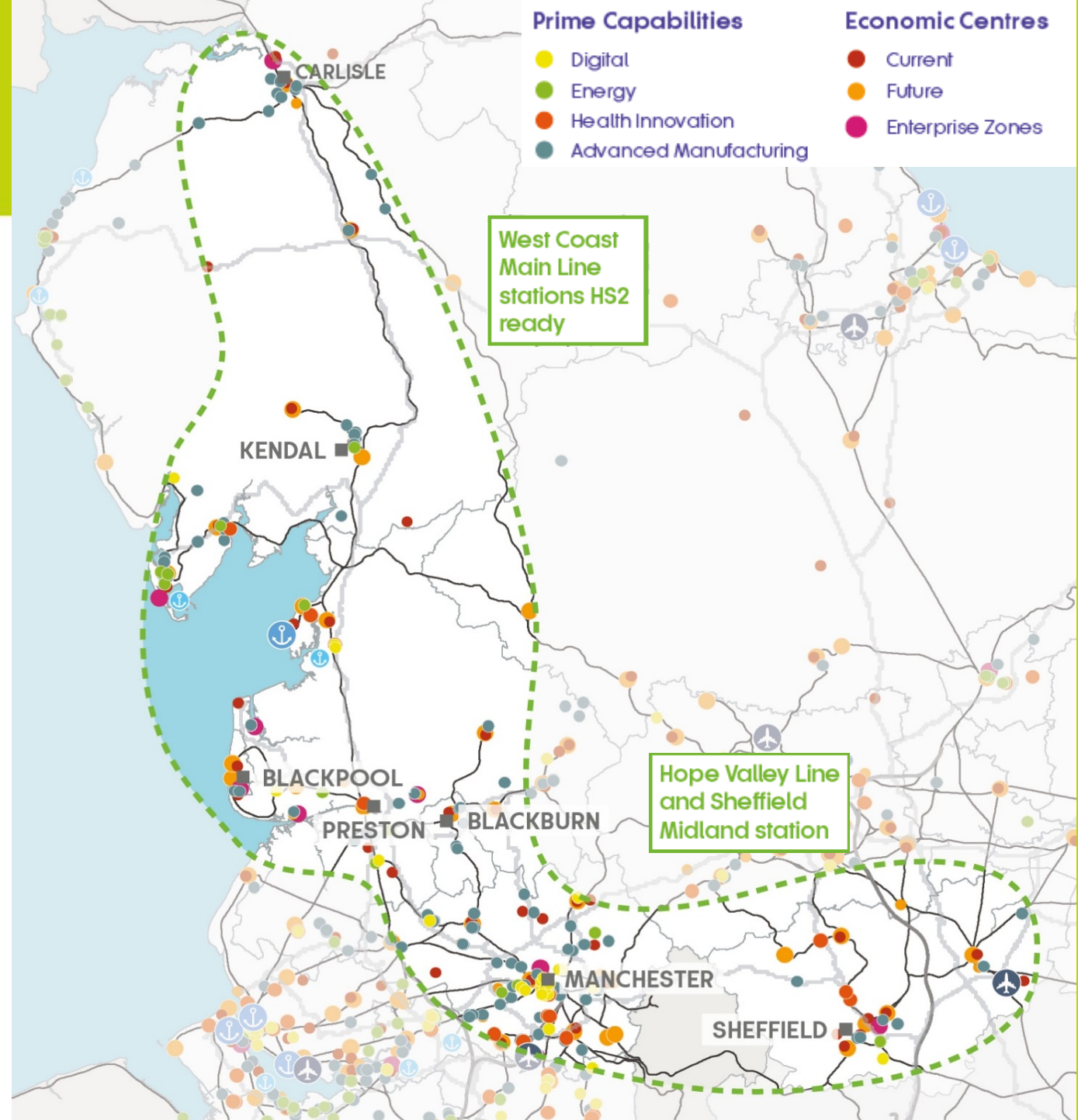
- Current
- Future
- Enterprise Zones



Rail



NORTH WEST TO SHEFFIELD CITY REGION



DELIVERING THE STRATEGIC TRANSPORT PLAN



Spatial Planning



Wider
Partnerships



Innovation &
Technology



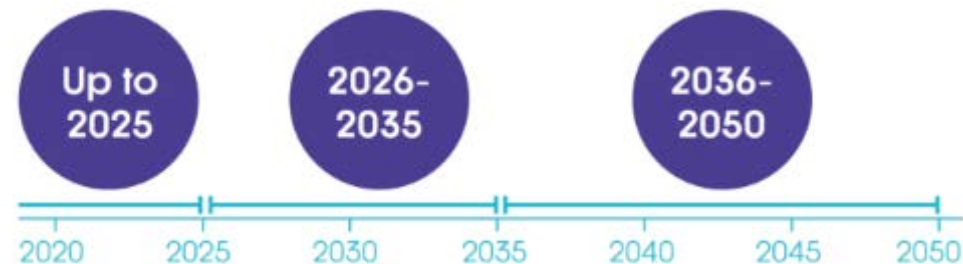
Skills



Funding &
Finance



Appraisal &
Analytical Tools

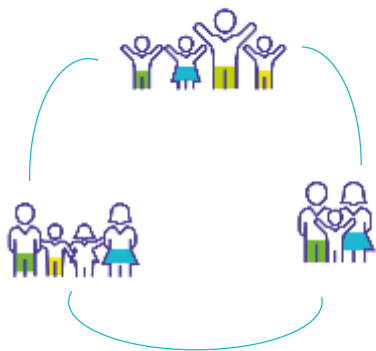


Short, Medium &
Long Term



ENSURING A SUSTAINABLE INVESTMENT PROGRAMME

A healthier, safer, more inclusive transport network.



Green and blue infrastructure, supporting a net gain in biodiversity.



A catalyst for future transport technologies, contributing to carbon targets.

**STRATEGIC
TRANSPORT PLAN**



Promotes confidence in businesses to invest in a skilled labour market.



CONSULTATION

Consultation is open until 17th April 2018

www.ipsos.uk/transportplanconsultation

TfN Draft Transport Plan Consultation
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