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Strategic Transport Plan Draft for public consultation Key Messages

Connecting and growing the economy of the North of England

Let us know what you think

We want to know what you think of our draft Strategic Transport Plan. Between mid January and mid April 2018 we are carrying out a public consultation on our plans. Go to transportfornorth.com to let us know what you think and for details of our engagement events.

You can also send written feedback to:

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Our vision is of a thriving North of England, where modern transport connections drive economic growth and support an excellent quality of life.

About Transport for the North

We're Transport for the North (TfN), a partnership of civic and business leaders from across the North of England.

Over the next 30 years, we want to transform our road, rail, sea and air connections to help drive long term economic growth. Our Strategic Transport Plan explains the need for investment in transport across the North and identifies the priority areas for improved connectivity. This guide will give you an overview of our plans and the benefits a transformed Northern transport network will bring.

Gaining statutory status

From April 2018, we will be England's first Sub-national Transport Body, overseen by the 19 different transport authorities across the North. With statutory status, we have the mandate to make recommendations on behalf

of the North to the Department for Transport, Network Rail, Highways England and HS2 Ltd. Rail North is also merging with us, becoming our franchising arm.

Working with our Partners

Transport for the North has a clear remit to identify and plan the transport infrastructure required to support transformational economic growth in the North. It also supports local and national government, as well as the private sector and transport operators. This is to align local investment in public transport and active modes of travel with strategic, investment across the North.



The need for change

The North is an attractive, diverse region and home to around 16 million people. We have vibrant communities, buzzing cities, five stunning National Parks, an abundance of talent and a wealth of high-performing businesses.

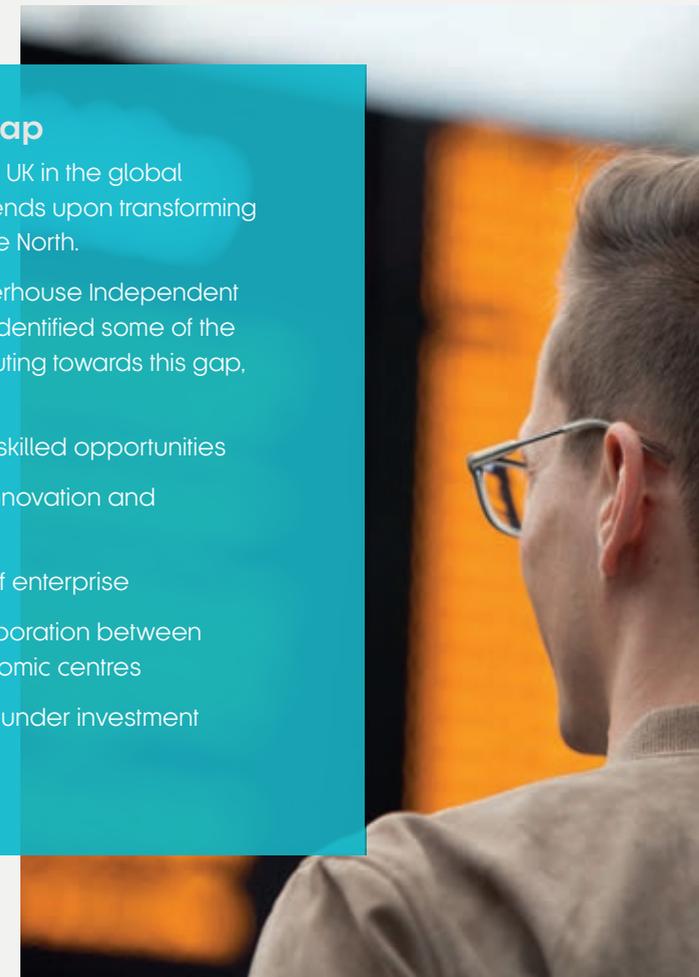
However, from an economic perspective the region is underachieving. The economic value per person in the North (GVA) is 25% below England's average, and our income per person is £7500 less.

Closing the gap

The success of the UK in the global marketplace depends upon transforming the economy of the North.

The Northern Powerhouse Independent Economic Review identified some of the key factors contributing towards this gap, including:

- ⇒ Lack of highly skilled opportunities
- ⇒ Underuse of innovation and technology
- ⇒ Lower levels of enterprise
- ⇒ A lack of collaboration between Northern economic centres
- ⇒ Poor links and under investment in transport



The benefits of a transformed North

The Northern Powerhouse Independent Economic Review identified four areas where the North is highly skilled and globally competitive. These are called ‘prime capabilities’.

Advanced Manufacturing



Digital



Energy



Health Innovation



Promoting, growing and connecting the North’s prime capabilities could result in higher productivity. The prime capabilities are supported by three ‘enabling capabilities’. These are services or skills that provide the expertise and support for the North’s economy to flourish, and for its people to enjoy a better quality of life.

Education
(particularly Higher Education)

Financial & Professional Services

Logistics

Our role

Having a reliable, resilient transport network for journeys to, from and within the North is an integral part of our vision. Our role in supporting economic growth is:



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.

Supporting sustainable economic growth

If the economy of the North is transformed, by 2050 we could see around:



£100bn
increase in GVA



850,000
additional jobs

To make this happen, we need significant, long term investment in the North’s transport network.

Investment in transport can:

- 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

An Integrated Sustainability Appraisal has been prepared alongside the Strategic Transport Plan to constructively challenge the outputs of our plans.

Connecting the North

The objectives of the Strategic Transport Plan are:

- ➔ Increase efficiency, reliability and resilience in the transport system
- ➔ Transform economic performance
- ➔ Improve access to opportunities across the North
- ➔ Promote and support the built and natural environment

To plan transport infrastructure to support the Northern Powerhouse, we need to identify where growth will occur and the impact it will have on our roads, rail, ports and airports.

Our **Northern Transport Demand Model** estimates how changes in GVA, employment, population and transport could affect travel patterns. That, along with a wide range of other evidence, allows us to prioritise our investment programme into three time frames:

- ➔ **Short term: up to 2025**
- ➔ **Medium term: 2026-2035**
- ➔ **Long term: 2036-2050**

In the next section you'll see some of our key programmes. The current estimate of the total value of the emerging investment programme from 2020-2050 is £60-£70 billion.

Northern Powerhouse Rail

Ambitious plans to provide rapid, reliable and resilient rail links between our major towns and cities.

Rail

Long Term Rail Strategy

Investment in lines, stations, services and franchises will deliver greater connectivity, capacity and cost effectiveness.



Working to transform the North

Roads

Major Road Network

We have identified the roads across the North that are vital for economic growth and are evaluating how best to strengthen this network.

Smart

Integrated and Smart Travel

We will bring a new era of simple and seamless public transport journeys across the North.

Northern Powerhouse Rail

A step change in rail connectivity between some of the North's largest cities is required to grow opportunities for the next generation of workers and investors.

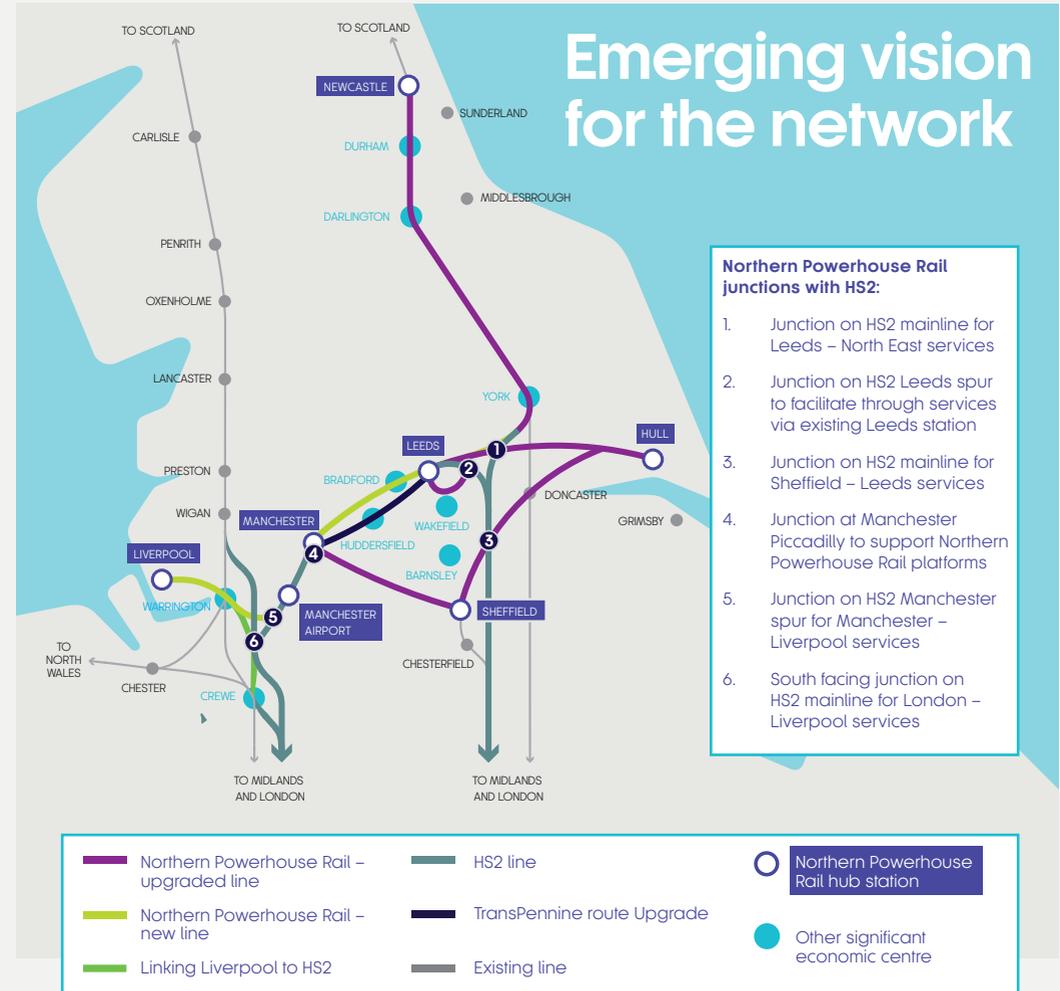
Northern Powerhouse Rail, together with HS2, would transform rail travel across the North, offering much faster, more frequent and reliable rail links and opening up new opportunities for Northern citizens and businesses.

Northern Powerhouse Rail would link the North's six main cities and Manchester Airport, as well as other significant economic centres. It could be developed in stages, making best use of existing rail infrastructure and planned investments (such as HS2) alongside new railway lines and significant upgrades.



Northern Powerhouse Rail will deliver massive improvements:

Emerging vision for the network



People

within a...

60 mins train journey from 4 or more major northern cities.



Businesses

within a...

90 mins train journey from 4 or more major northern cities.

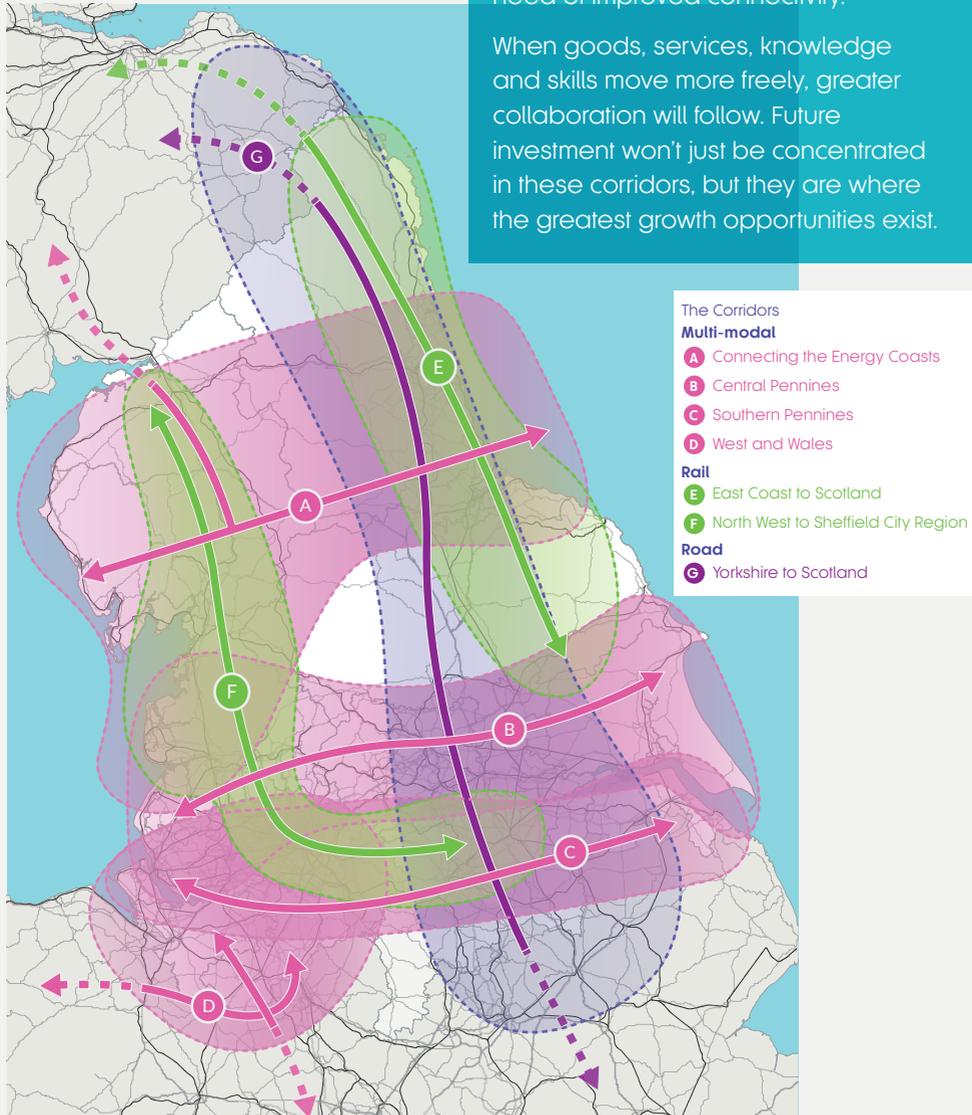


Seven corridors of opportunity

We have identified seven strategic development corridors across our region where we will focus on improving transport infrastructure.

These corridors link important 'prime capability' assets and important economic centres that are currently in need of improved connectivity.

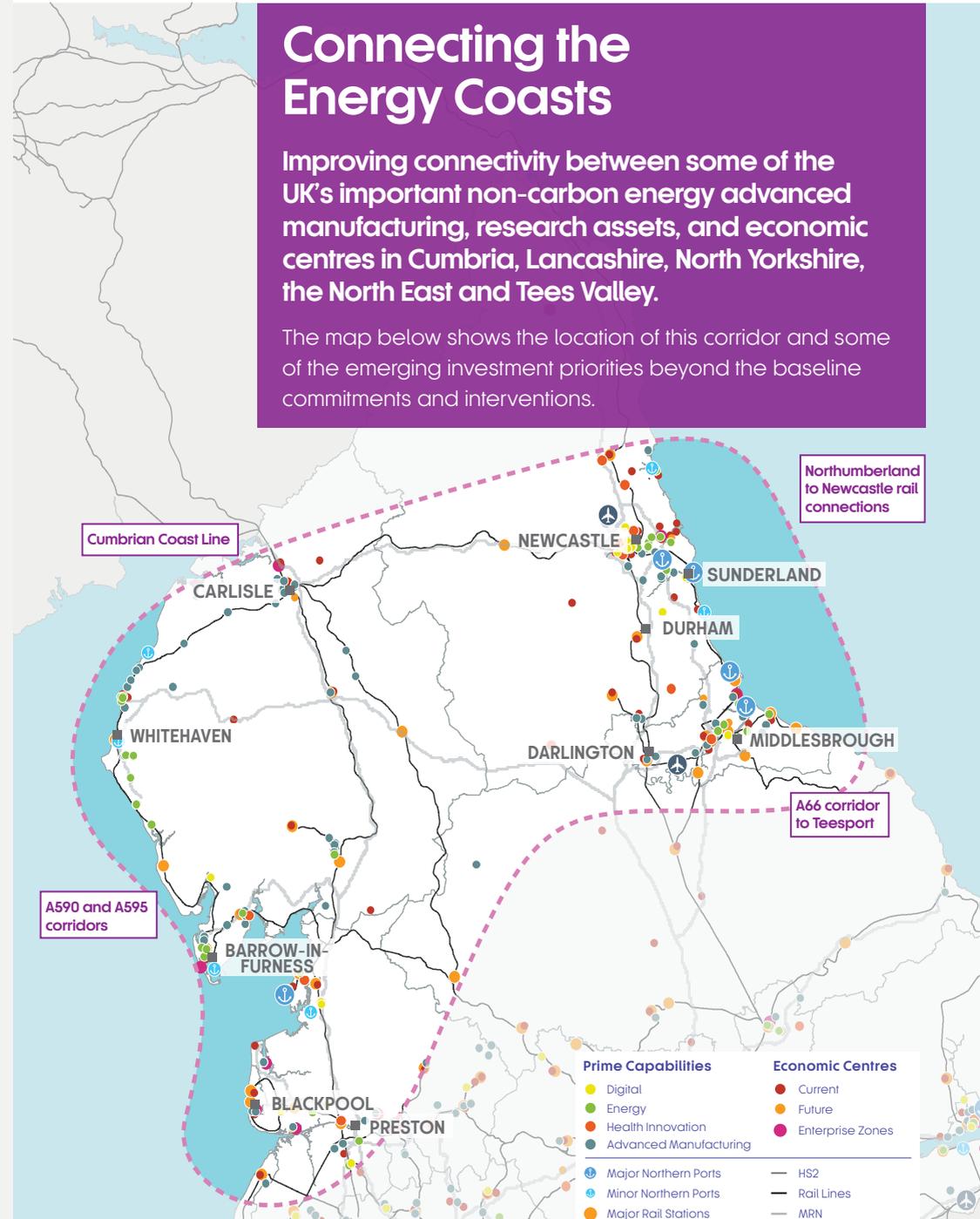
When goods, services, knowledge and skills move more freely, greater collaboration will follow. Future investment won't just be concentrated in these corridors, but they are where the greatest growth opportunities exist.



Connecting the Energy Coasts

Improving connectivity between some of the UK's important non-carbon energy advanced manufacturing, research assets, and economic centres in Cumbria, Lancashire, North Yorkshire, the North East and Tees Valley.

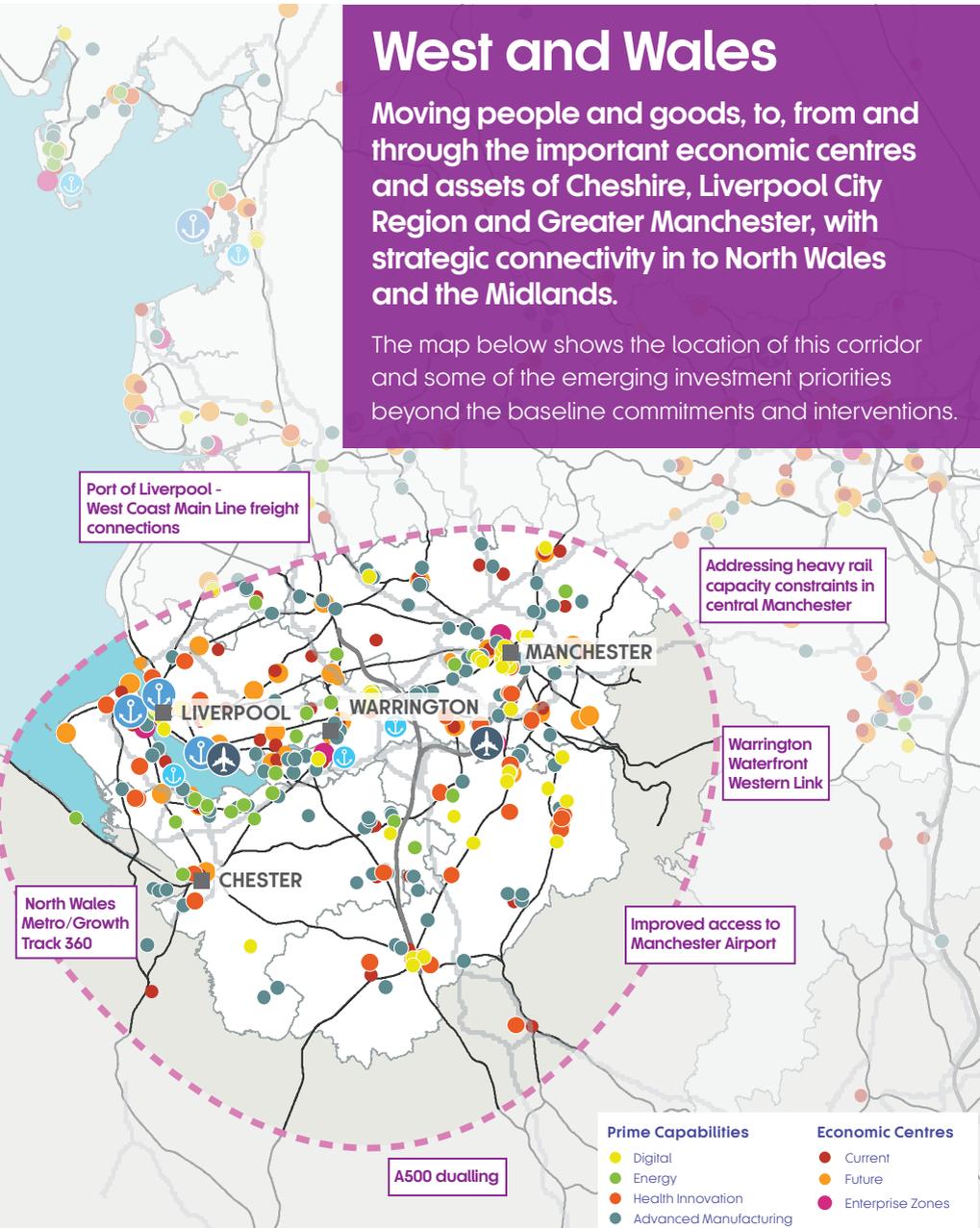
The map below shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.



West and Wales

Moving 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.

The map below shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.

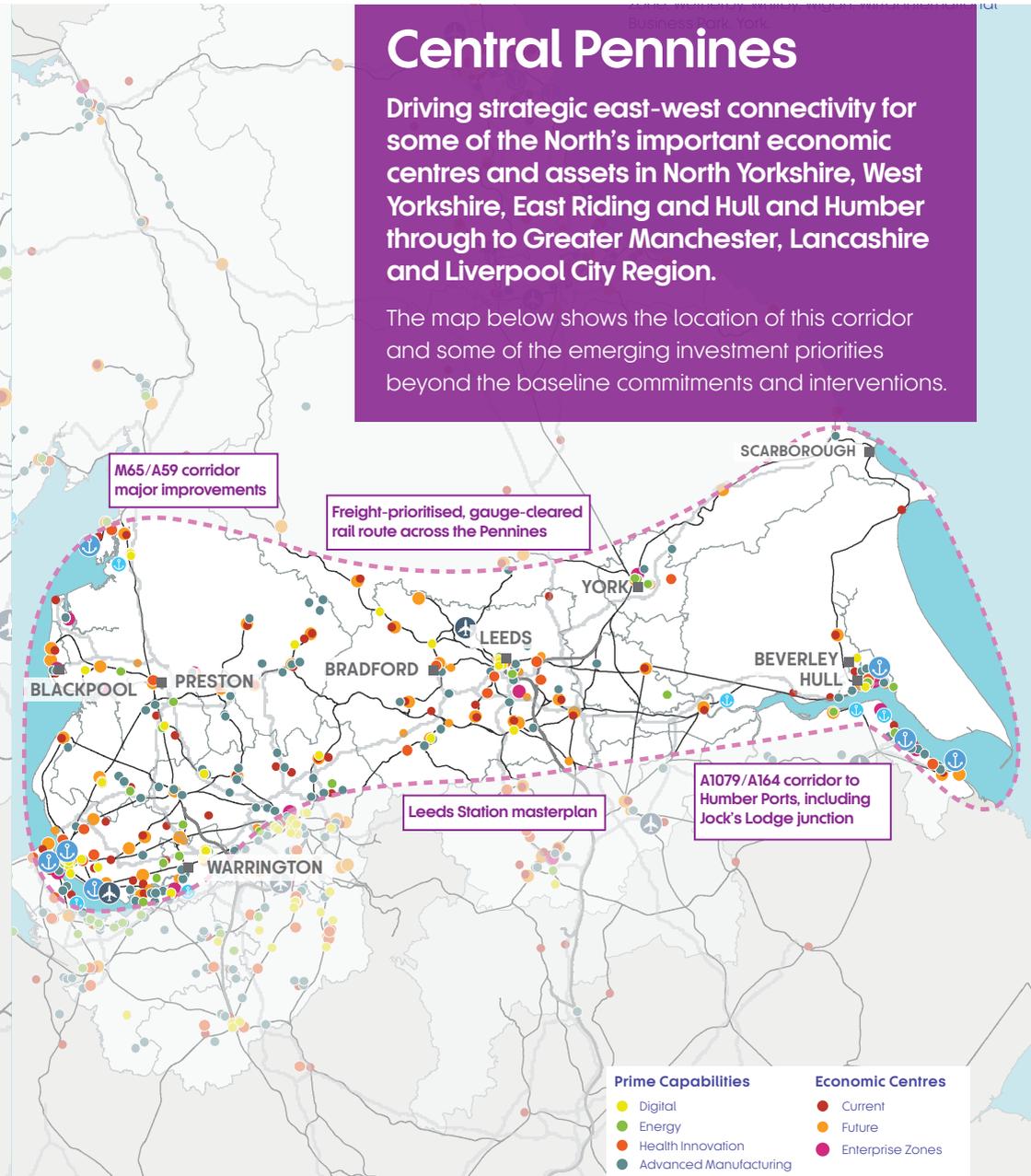


Prime Capabilities		Economic Centres	
● Digital	● Current	● Current	
● Energy	● Future	● Future	
● Health Innovation	● Enterprise Zones	● Enterprise Zones	
● Advanced Manufacturing			
ⓘ Major Northern Ports	— HS2		
ⓘ Minor Northern Ports	— Rail Lines		
● Major Rail Stations	— MRN		
✈ Airports			

Central Pennines

Driving 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.

The map below shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.

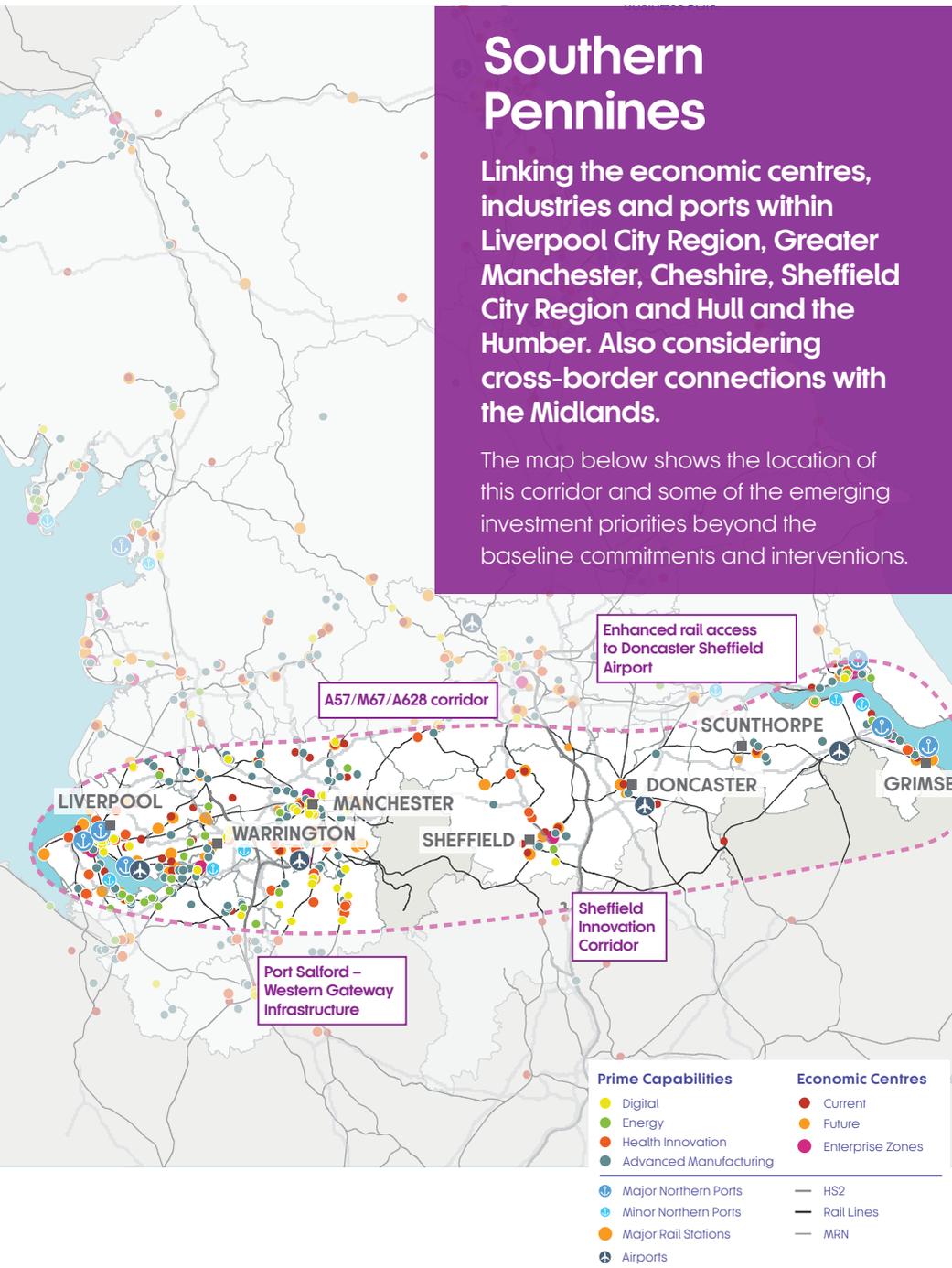


Prime Capabilities		Economic Centres	
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● Advanced Manufacturing			
ⓘ Major Northern Ports	— HS2		
ⓘ Minor Northern Ports	— Rail Lines		
● Major Rail Stations	— MRN		
✈ Airports			

Southern Pennines

Linking the economic centres, industries and ports within Liverpool City Region, Greater Manchester, Cheshire, Sheffield City Region and Hull and the Humber. Also considering cross-border connections with the Midlands.

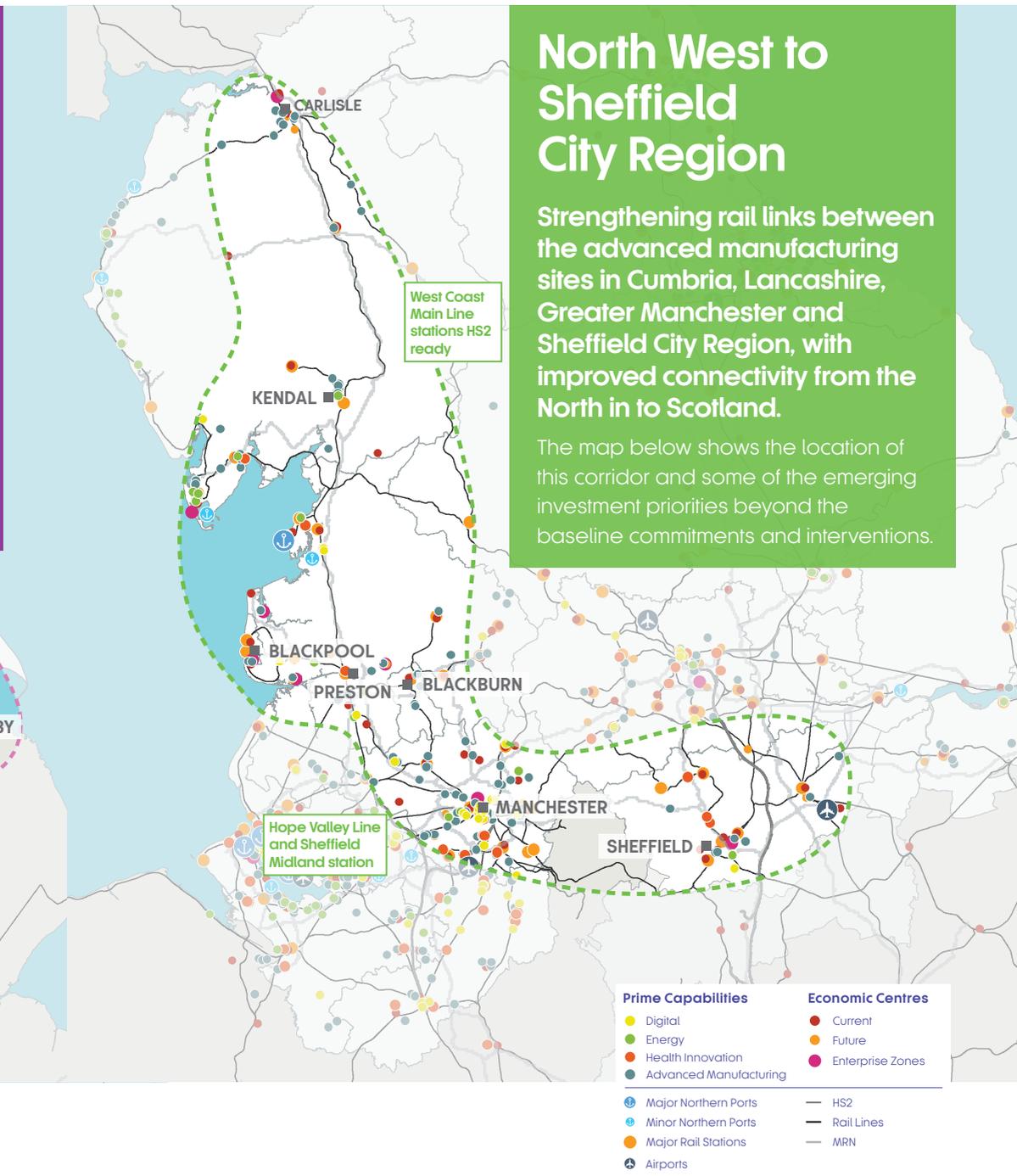
The map below shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.



North West to Sheffield City Region

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

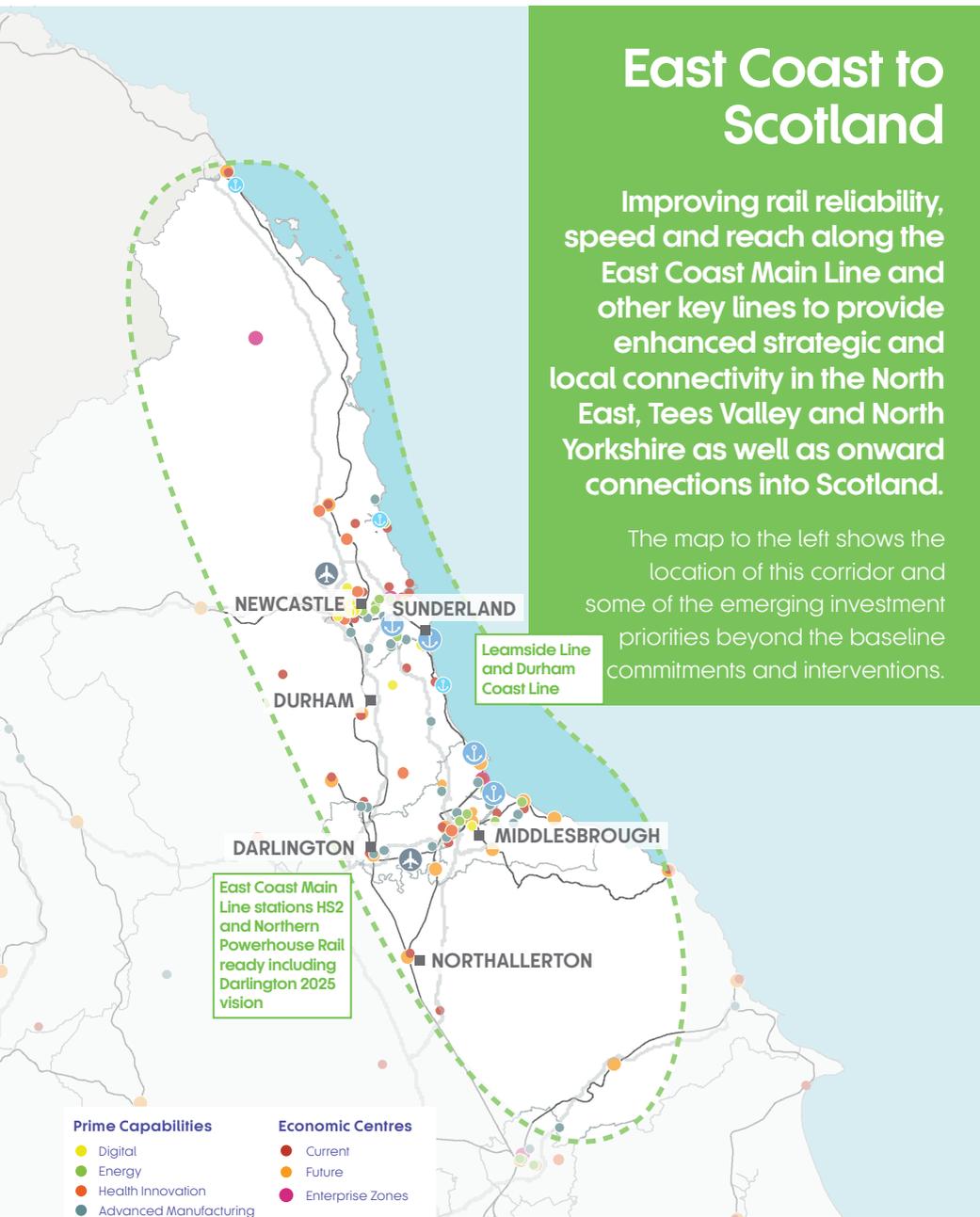
The map below shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.



East Coast to Scotland

Improving rail reliability, speed and reach along the East Coast Main Line and other key lines to provide enhanced strategic and local connectivity in the North East, Tees Valley and North Yorkshire as well as onward connections into Scotland.

The map to the left shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.

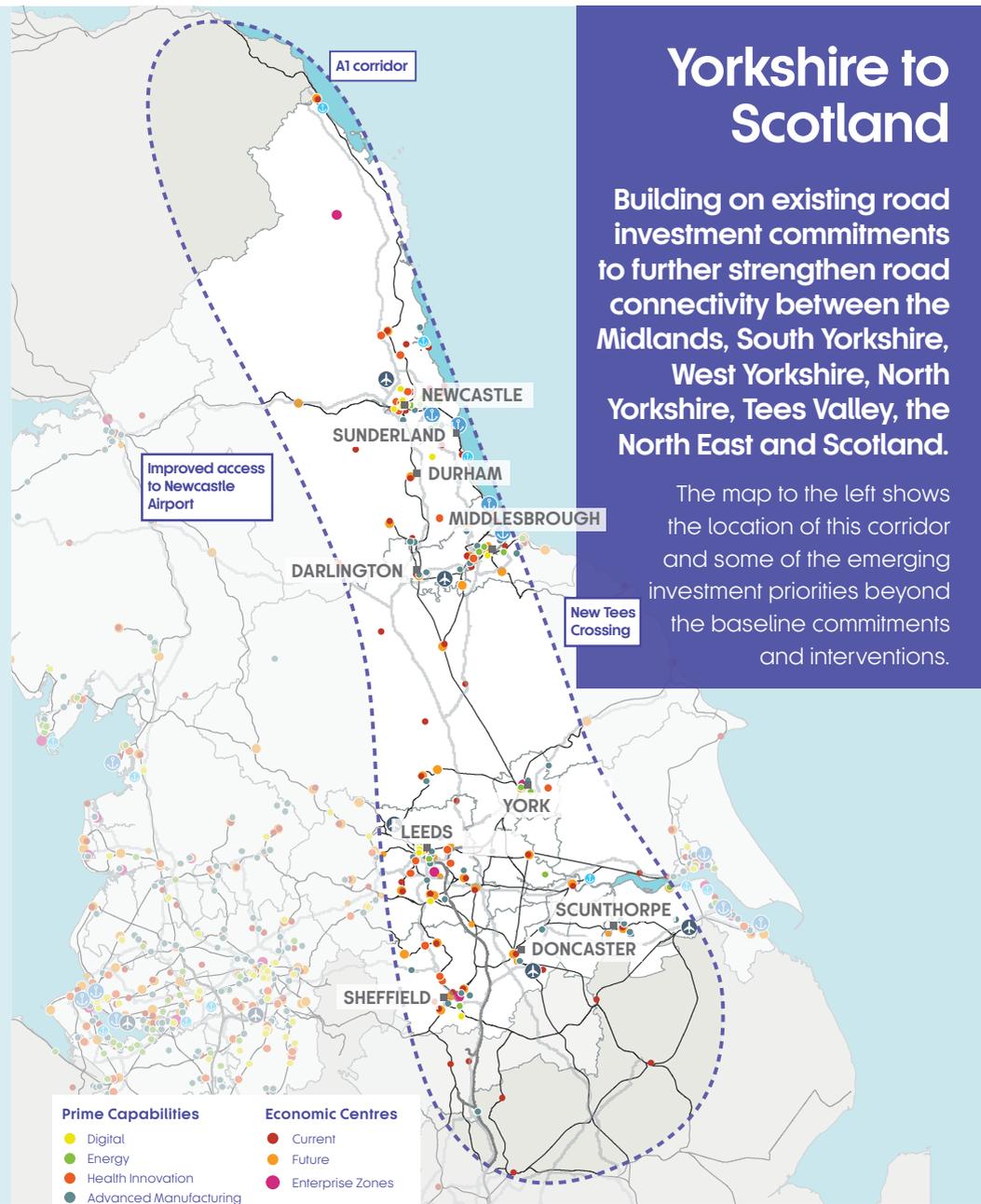


- | Prime Capabilities | | Economic Centres | |
|---|--|--|--|
| ● Digital | ● Current | ● Future | ● Enterprise Zones |
| ● Energy | | | |
| ● Health Innovation | | | |
| ● Advanced Manufacturing | | | |
| ⓘ Major Northern Ports | — HS2 | | |
| ⓘ Minor Northern Ports | — Rail Lines | | |
| ● Major Rail Stations | — MRN | | |
| ✈ Airports | | | |

Yorkshire to Scotland

Building on existing road investment commitments to further strengthen road connectivity between the Midlands, South Yorkshire, West Yorkshire, North Yorkshire, Tees Valley, the North East and Scotland.

The map to the left shows the location of this corridor and some of the emerging investment priorities beyond the baseline commitments and interventions.



- | Prime Capabilities | | Economic Centres | |
|---|--|--|--|
| ● Digital | ● Current | ● Future | ● Enterprise Zones |
| ● Energy | | | |
| ● Health Innovation | | | |
| ● Advanced Manufacturing | | | |
| ⓘ Major Northern Ports | — HS2 | | |
| ⓘ Minor Northern Ports | — Rail Lines | | |
| ● Major Rail Stations | — MRN | | |
| ✈ Airports | | | |

A smarter approach to travel

By integrating services and implementing smarter systems, we will simplify travel across the North.

Working in partnership with operators, transport authorities and the Department for Transport, we will make seamless public transport throughout the region a reality.

Over the next four years, we'll deliver:

- ⇒ Smart ticketing across rail and bus travel
- ⇒ Reduced queuing times
- ⇒ Enhanced real time service information
- ⇒ Journey planning tools
- ⇒ A simplified pricing structure



Delivering our investment programme

Now we've shared our vision of a modern, prosperous, super-connected North, the next step is further business case development across our programmes. This will define our short term priorities to drive economic growth.

All proposals will go through a stringent compliance process and, of course, we and our partners will consult with the public whenever they are likely to be affected by our project work.

How will the work be funded?

As an organisation we can't borrow money or raise revenue, so we are developing a sustainable long term investment programme.

A substantial part of our funding is expected to come from central government, and we are exploring other potential funding options too.

With funding in place, we will be in a position to work closely with technology, sustainability in design, and delivery. This enables us to create new appraisal and modelling tools, which will both complement and support local investment.

We require strong evidence and analysis to make the case for further investment in the North's strategic transport network. We will measure the widest possible range of impacts to fully capture all of the impacts of transport investment and work with Government and our Delivery Partners to support decisions that cater for long term growth.

