



Northern Powerhouse Rail



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

About Northern Powerhouse Rail

This is a transformational programme to better connect the key economic areas and cities of the North.

We will link the North's six major city regions, Newcastle, Sheffield, Hull, Leeds, Manchester and Liverpool, as well as Manchester Airport and our other economic centres, with rapid, frequent and reliable rail services.

We work closely with our local authority partners, the Department for Transport, and our delivery partners, Network Rail and HS2.



This flagship programme will:

- ⇒ Support the creation of 850,000 jobs by 2050
- ⇒ Increase the population within 60 minutes of four major Northern cities or Manchester Airport from less than 10,000 today to 1.3 million
- ⇒ Support a £100bn boost to the economy by 2050



Improving the way people live and work



Rebalancing the UK economy

Transforming connectivity in the North



NEWCASTLE

LEEDS

HULL

MANCHESTER

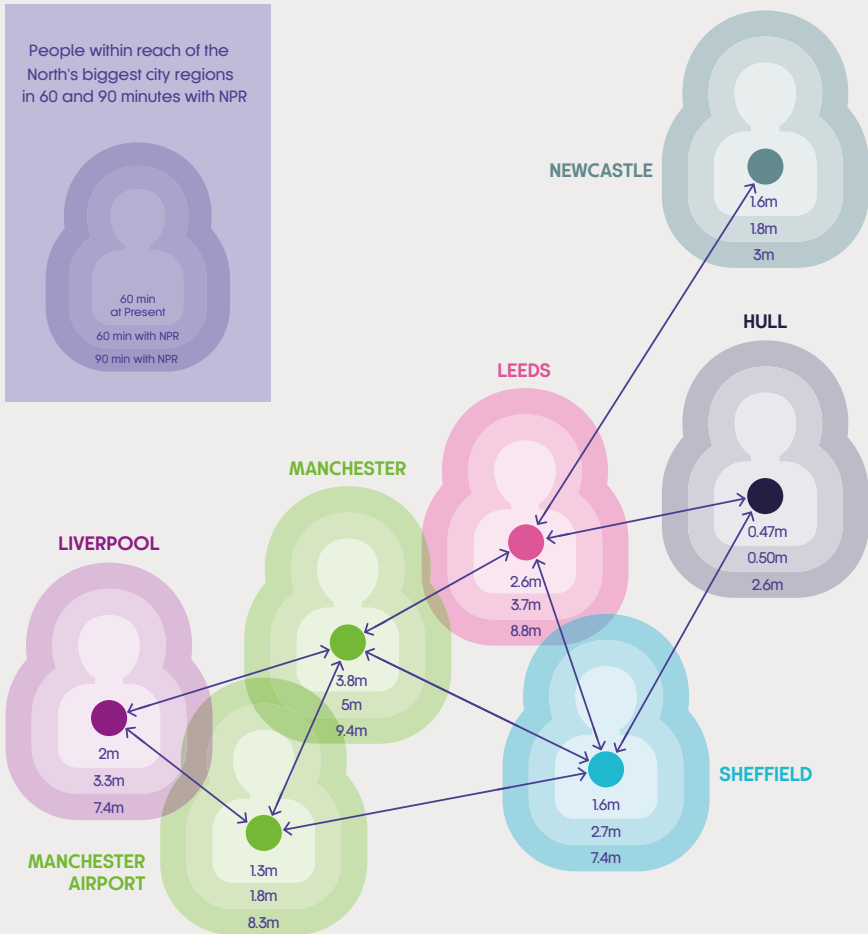
LIVERPOOL

MANCHESTER AIRPORT

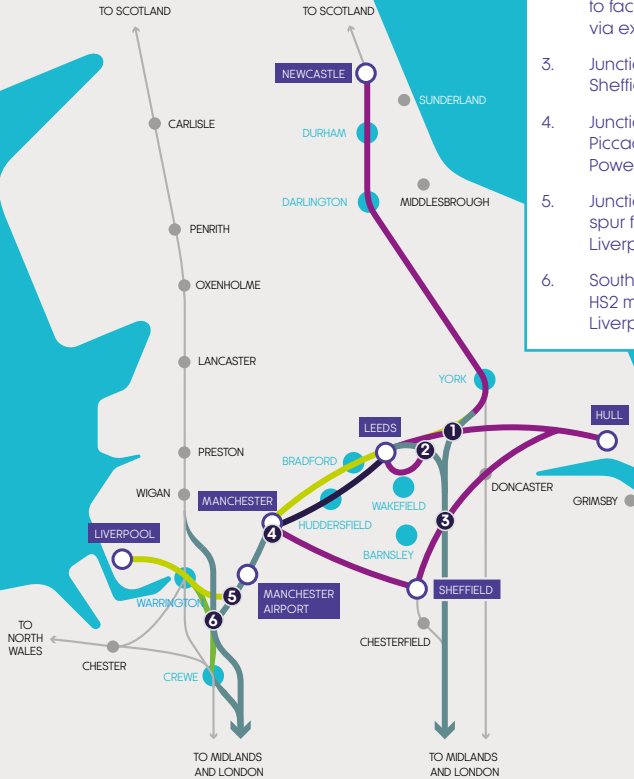
SHEFFIELD



Bringing our city regions closer together



Emerging vision for the network



- Northern Powerhouse Rail junctions with HS2:**
1. Junction on HS2 mainline for Leeds – North East services
 2. Junction on HS2 Leeds spur to facilitate through services via existing Leeds station
 3. Junction on HS2 mainline for Sheffield – Leeds services
 4. Junction at Manchester Piccadilly to support Northern Powerhouse Rail platforms
 5. Junction on HS2 Manchester spur for Manchester – Liverpool services
 6. South facing junction on HS2 mainline for London – Liverpool services

	Northern Powerhouse Rail – upgraded line		HS2 line		Northern Powerhouse Rail hub station
	Northern Powerhouse Rail – new line		TransPennine route Upgrade		Other significant economic centre
	Linking Liverpool to HS2		Existing line		

Northern Powerhouse Rail will be delivered over a 30-year period through a combination of new line, use of planned HS2 infrastructure, and major upgrades to existing routes.

The benefits

⇒ Bring Manchester Airport within 90 minutes reach for 3 million more people



Quadruple the number of businesses within 90 minutes of four or more major Northern Cities



Better connect the North's 'prime capabilities' (advanced manufacturing, energy, health innovation and digital)



Integrate with HS2 and other rail schemes to maximise benefits for the North



Provide more capacity for passengers



Free-up space on existing lines and local services

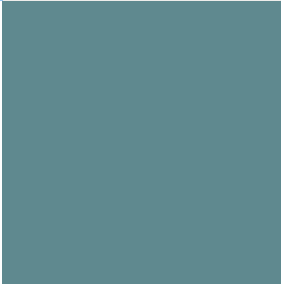
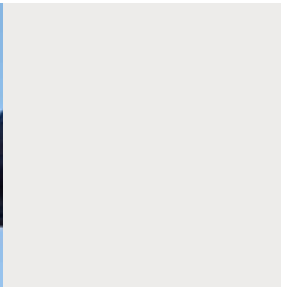


Next steps

Clear, costed proposals for the whole of the Northern Powerhouse Rail network are being finalised. We will submit our Strategic Outline Business Case to the Secretary of State by the end of 2018.

Support is growing for Northern Powerhouse Rail. Are you on board to help make it a reality?

Let's make our voice heard:
engagement@transportforthenorth.com





Transport for the North
2nd Floor
4 Piccadilly Place
Manchester
M1 3BN



Transport for the North
Ground Floor
West Gate
Grace Street
Leeds
LS1 2RP



0161 244 0888



engagement@transportforthenorth.com



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