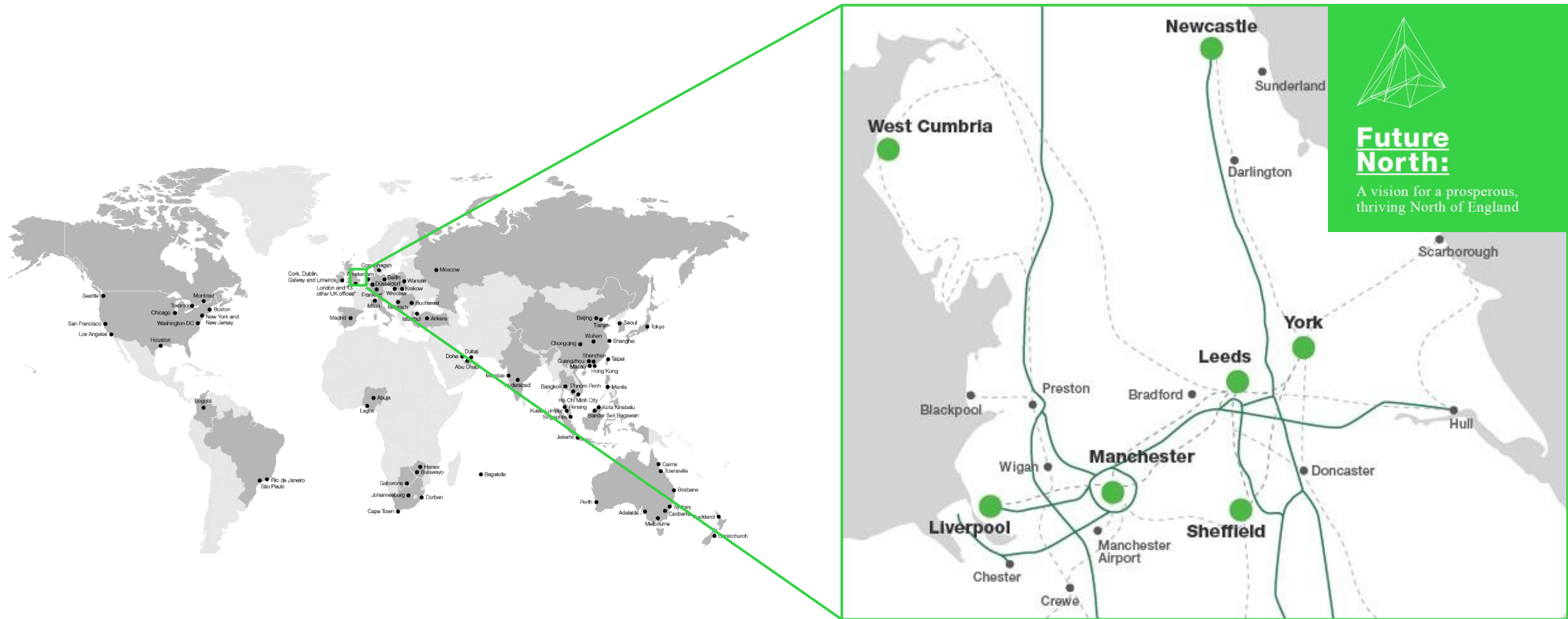


Transport: Boosting the economy

Dave Newton | Director

Global experience, delivered locally

700 staff, in 7 locations, based across the North



Why are we all here?



£97 billion GVA

increase to the
Northern economy

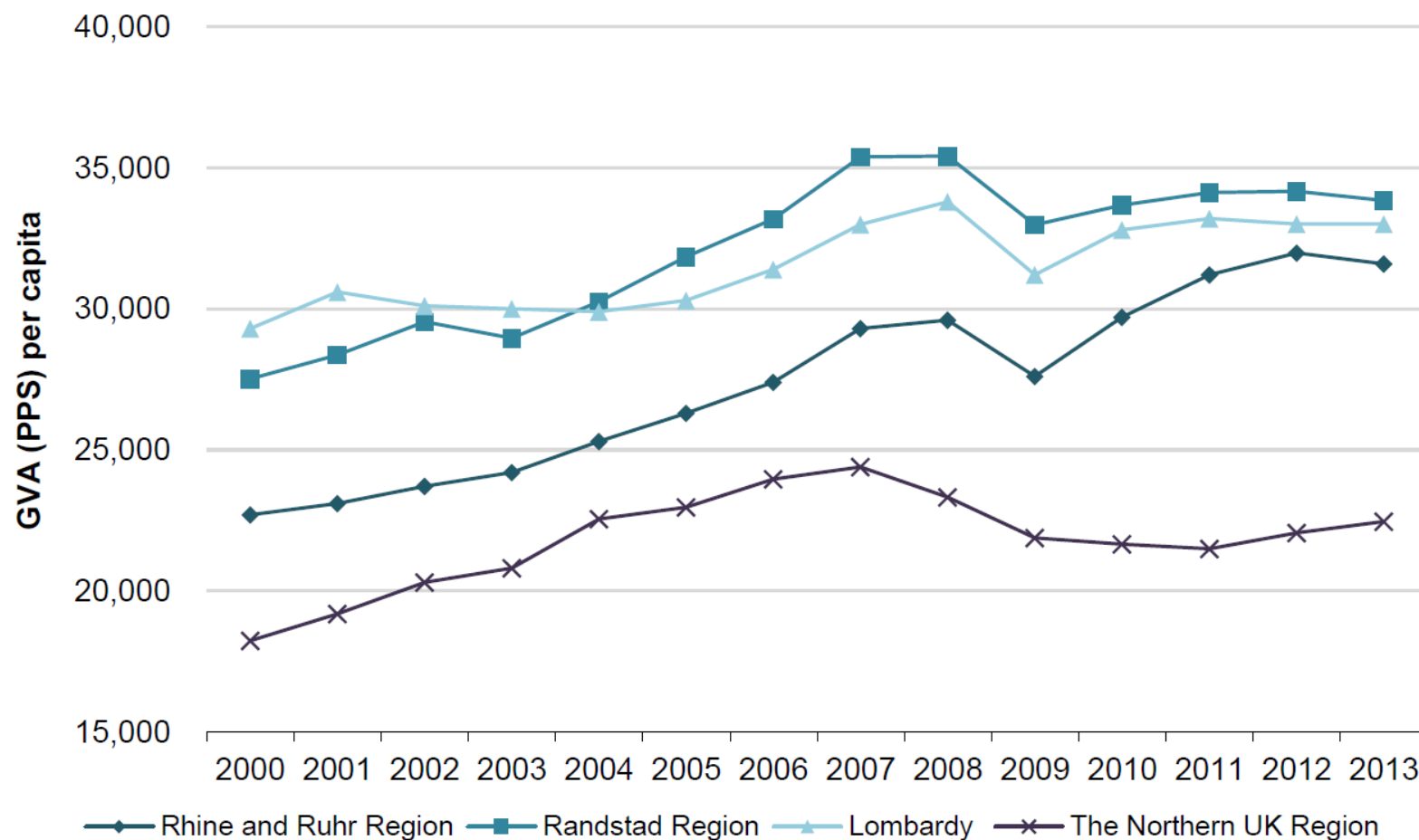


850,000

more jobs
than 'business as usual'

Our Competitive Disadvantage

The Northern region cannot continue to under-perform



Note: GVA per capita in Purchasing Power Standard (PPS). Source: Eurostat.

Our existing networks

Increasingly there is overcrowded and unreliability



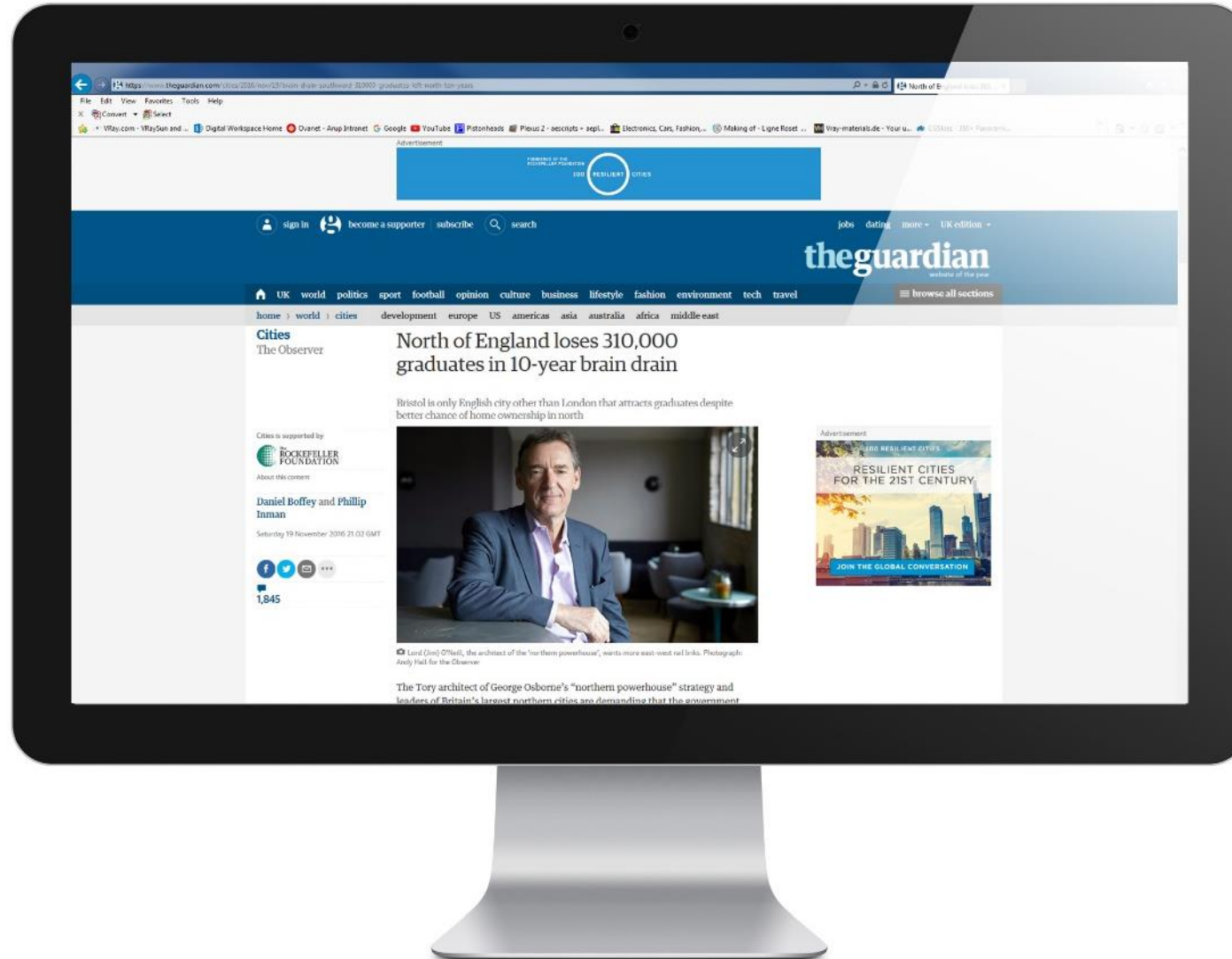
Demand for travel continues to grow



But it's not all about transport

The graduate brain-drain

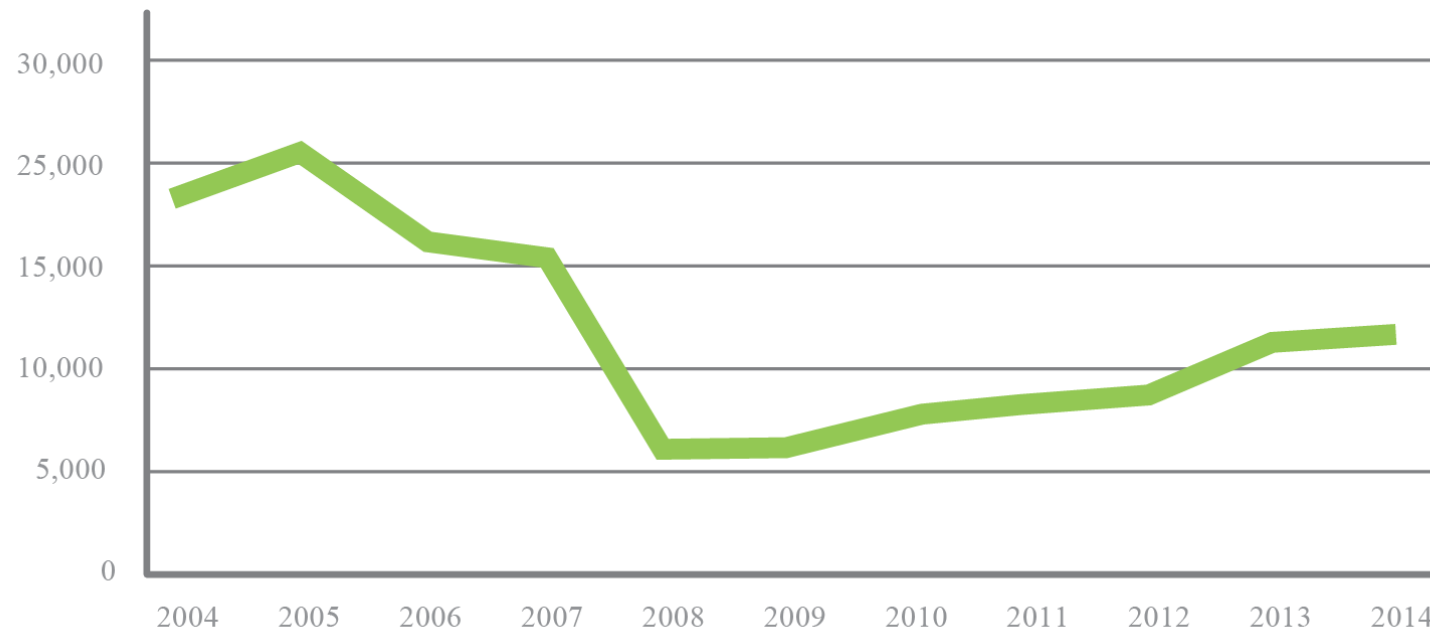
310,000 graduates headline graphic



Housing the North

A key barometer of national economic performance

HOUSING STARTS IN THE NORTH WEST



Housing is inextricably linked to the wider health of the economy and is considered a key barometer of national economic performance

So our transport
needs to be outstanding

Transport projects are increasingly seen as economic projects

Crossrail

Crossrail

1.5m additional people
within 45 minutes of central London jobs
£42b contribution to the UK economy
Over 50,000 FTEs employed

High Speed
Transformative Infrastructure



Cities Alive

Cities Alive

100 issues shaping future cities



Place Making

Transport is the trigger to creating new parts of the city
Impact of Kings Cross station regeneration on the wider area



Transport unlocks new homes
York Masterplan



Transport
Manchester Piccadilly



What does all the talk of disrupters and the digital age mean?

Uber

Drones
carrying
people

Digital
revolution

Ticketless
operation

Driverless
cars

Self-healing
bridges

Flying
cars

Travel
apps

Sharing
economy

Cloud
computing

Driverless
buses

Remote
sensing

Connected
cars

ITS

Realtime
operations

Drones

Open
data

Managed
motorways

How can we introduce new, disruptive solutions to transport?



Dedicated elevated cycle lanes

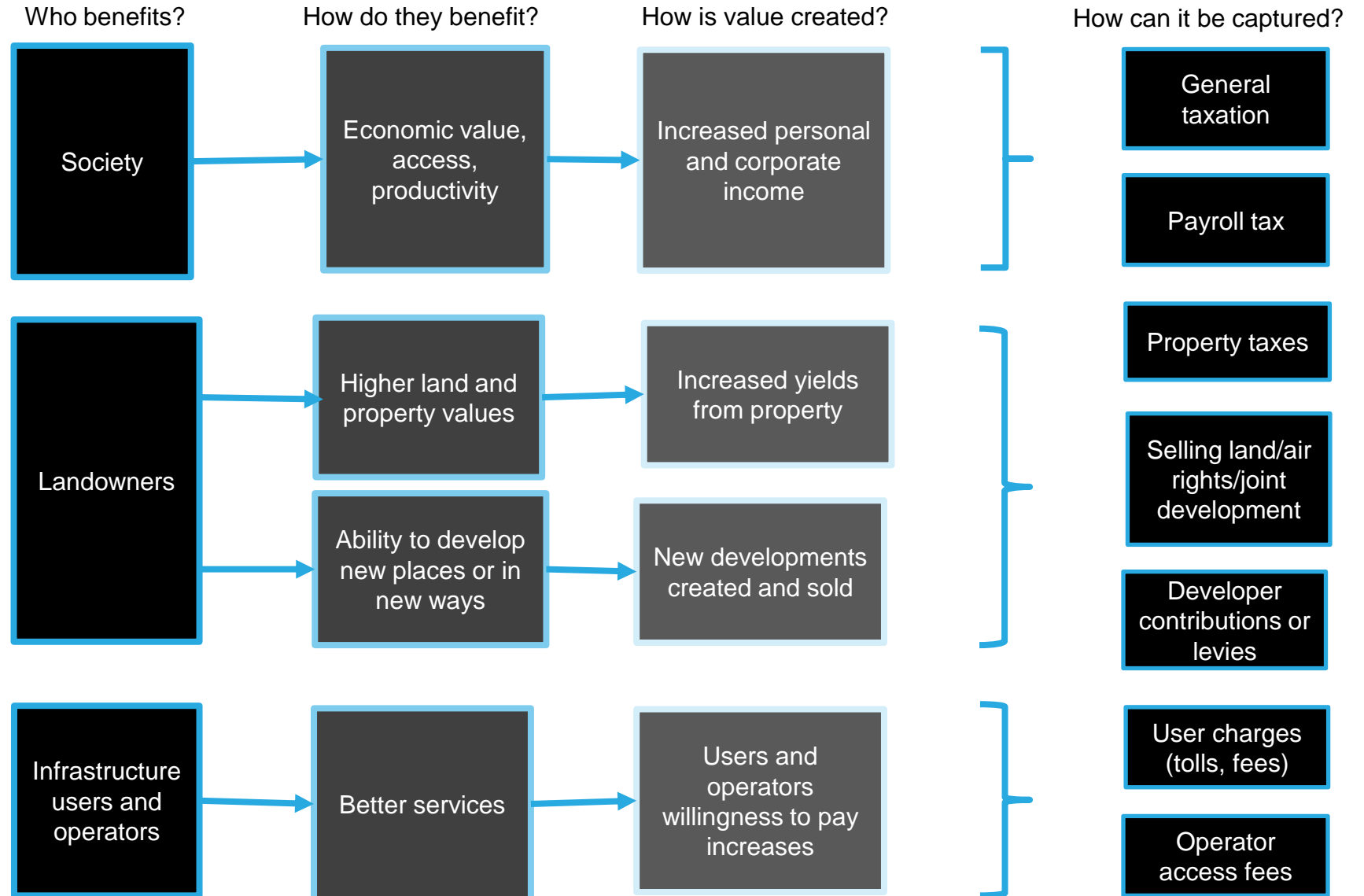
How can we deliver all this?

We simply can't fund all the transport infrastructure we need



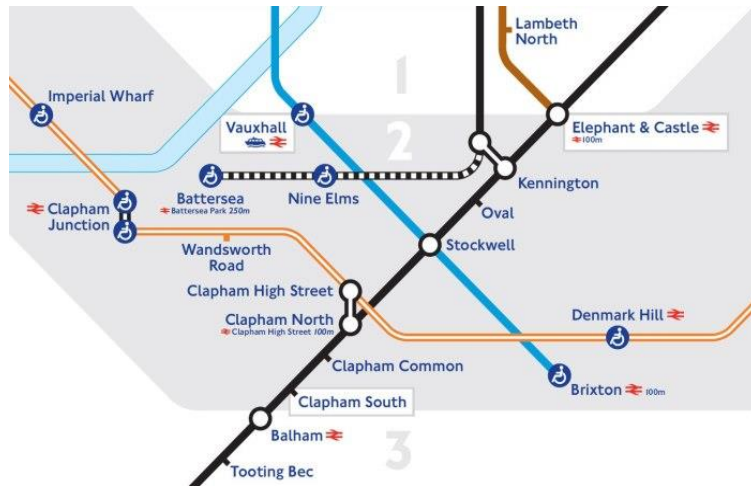
Who benefits from a Different Approach to Funding

Who benefits from infrastructure investment and how is value created?



Northern Line Extension

Massive brownfield/underdeveloped site within walking distance of Parliament



- 16,000 homes, 24,000 jobs
- £5.1b projected GVA to the UK economy
- An Enterprise Zone was created around the extension
- £1.24 billion capital cost
- 2.5km underground extension & 2 stations

So in summary

Our Future North

Networked Economy – Built on improved connectivity

