

Adult Progression Pathways into HS2

Joanne Keatley

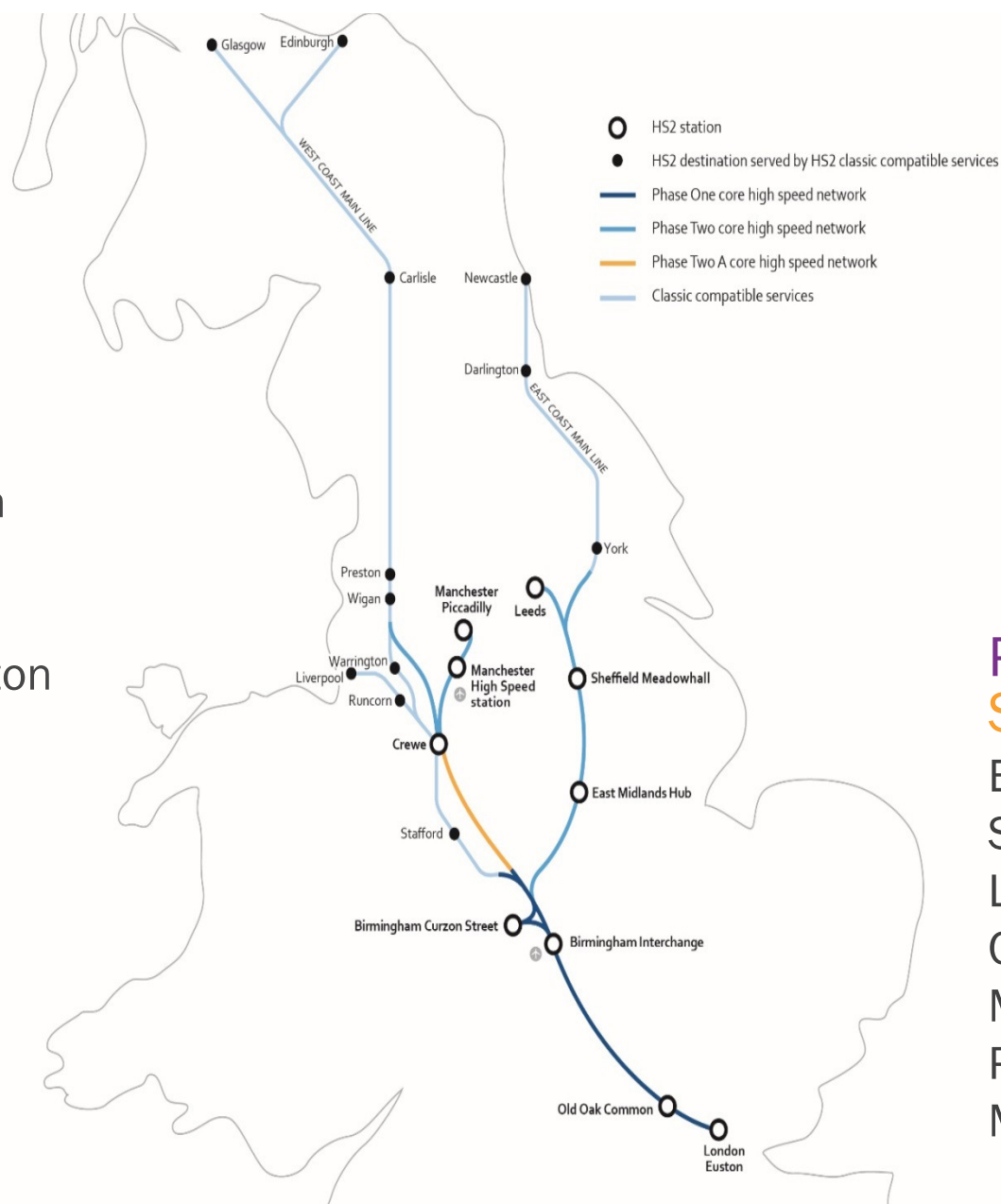
15th December 2016



CREATING A WORKFORCE FIT FOR HS2

Phase One Stations:

Euston
Old Oak Common
Birmingham
Interchange
Birmingham Curzon
Street

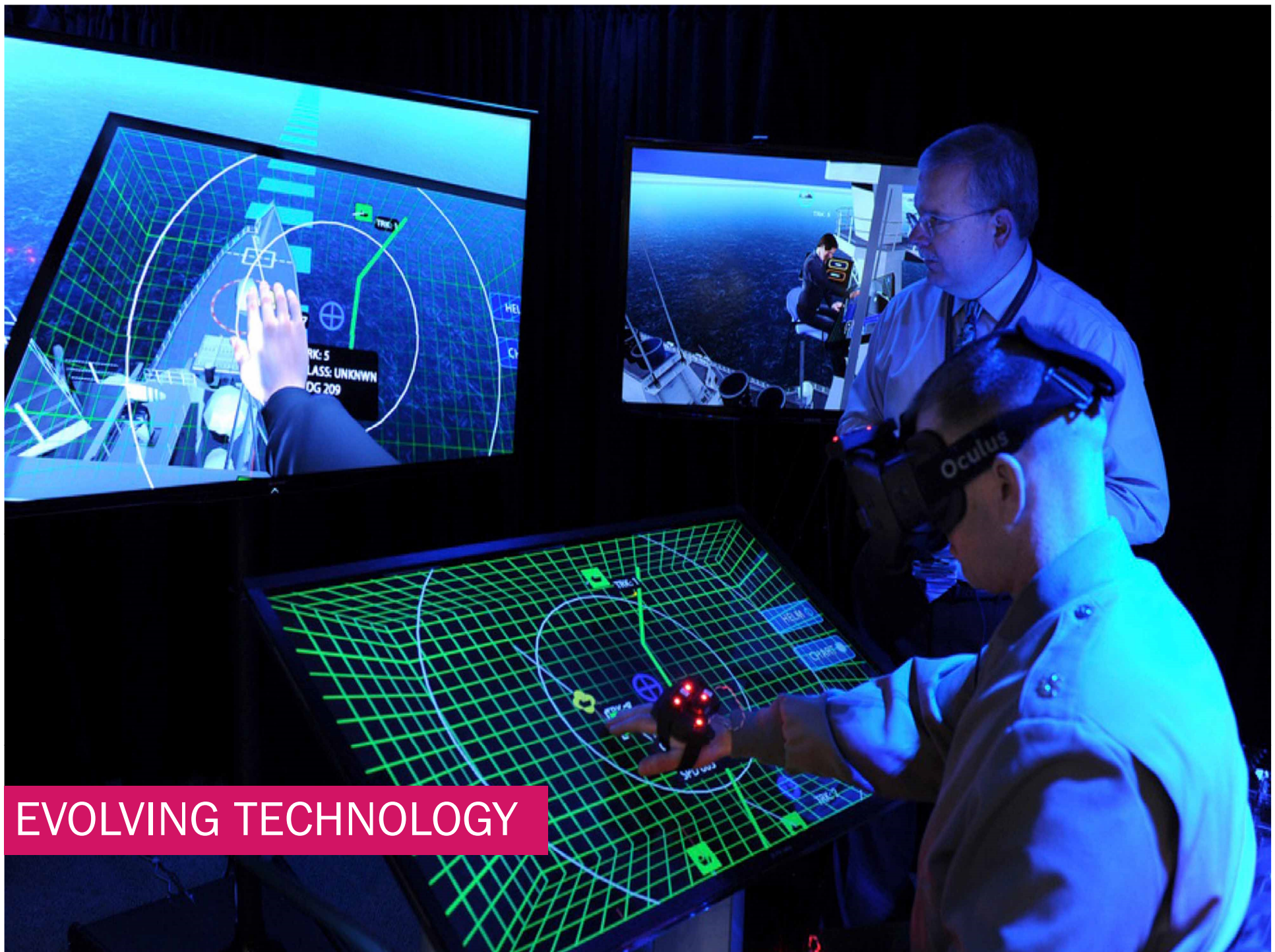


Phase Two Stations:

East Midlands Hub
Sheffield
Leeds
Crewe
Manchester
Piccadilly
Manchester Airport

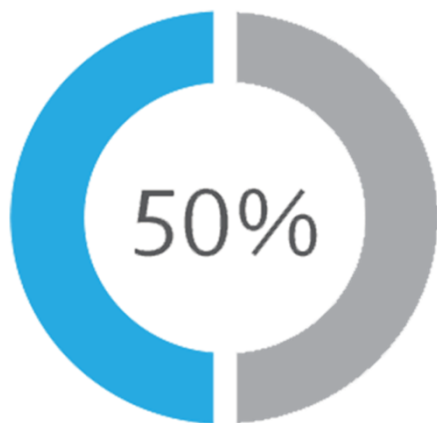
WE NEED TO PREPARE FOR A HI-TECH FUTURE



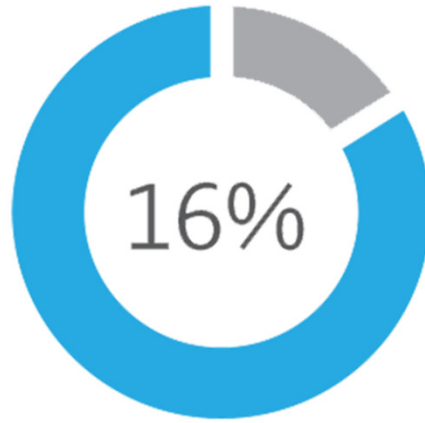


EVOLVING TECHNOLOGY

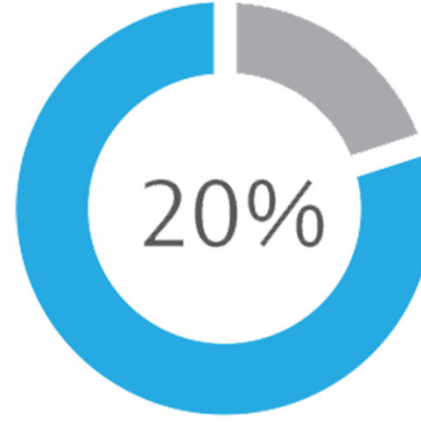
SKILLS GAP IN ENGINEERING AND RAIL



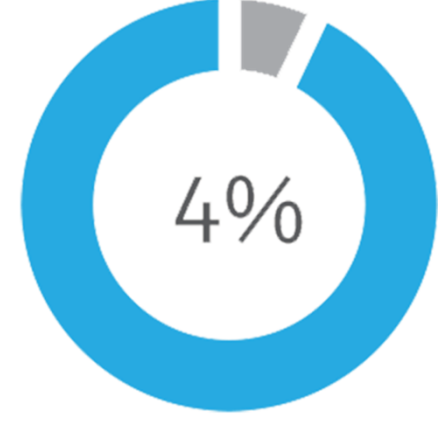
are semi-skilled



are higher-level
technicians or
professional engineers



are engineers
over 55 and will
retire in the next
10 years



are women
engineers – the
lowest
rate in Europe

HS2 IS TO CREATE OVER.....



25,000

Jobs in construction
and engineering



2,000

Apprenticeships



3,000

To be employed in
operational roles

HS2 PHASE ONE: KEY CONSTRUCTION STATISTICS

230km

TOTAL ROUTE
LENGTH

53km

TOTAL LENGTH IN
TUNNELS

74km

TOTAL LENGTH IN
CUTTINGS

152

STRUCTURES
UNDERBRIDGES

145

STRUCTURES
OVER BRIDGES

128 mt

TOTAL VOLUME OF
EXCAVATED
MATERIAL
(90% TO BE RE USED)

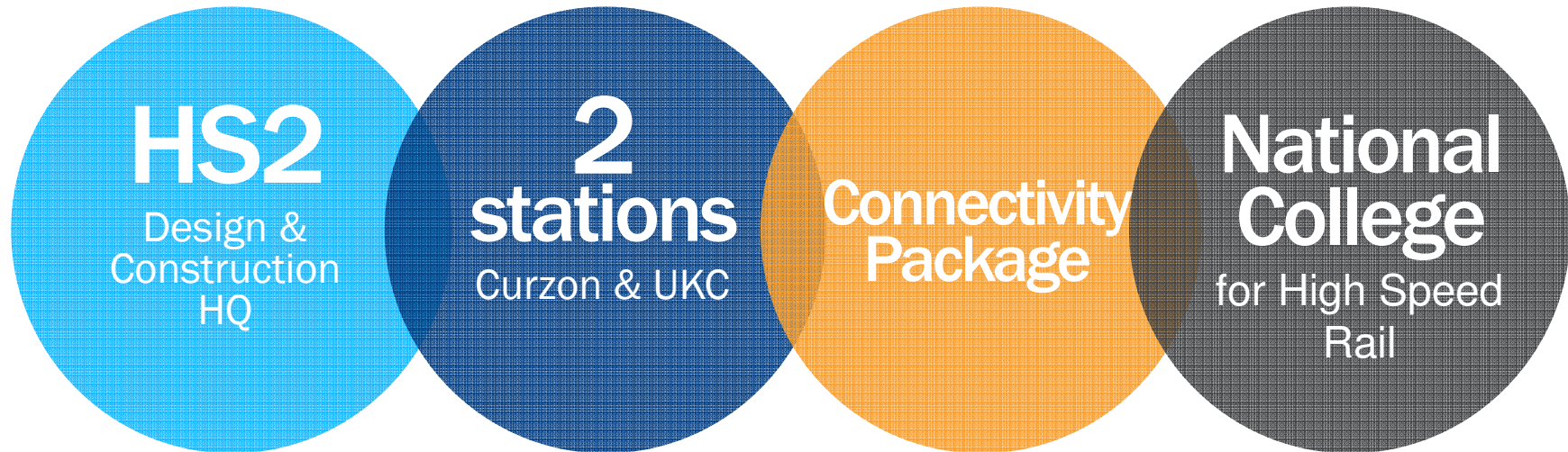
31

MAIN COMPOUNDS
FOR
CONSTRUCTION

299

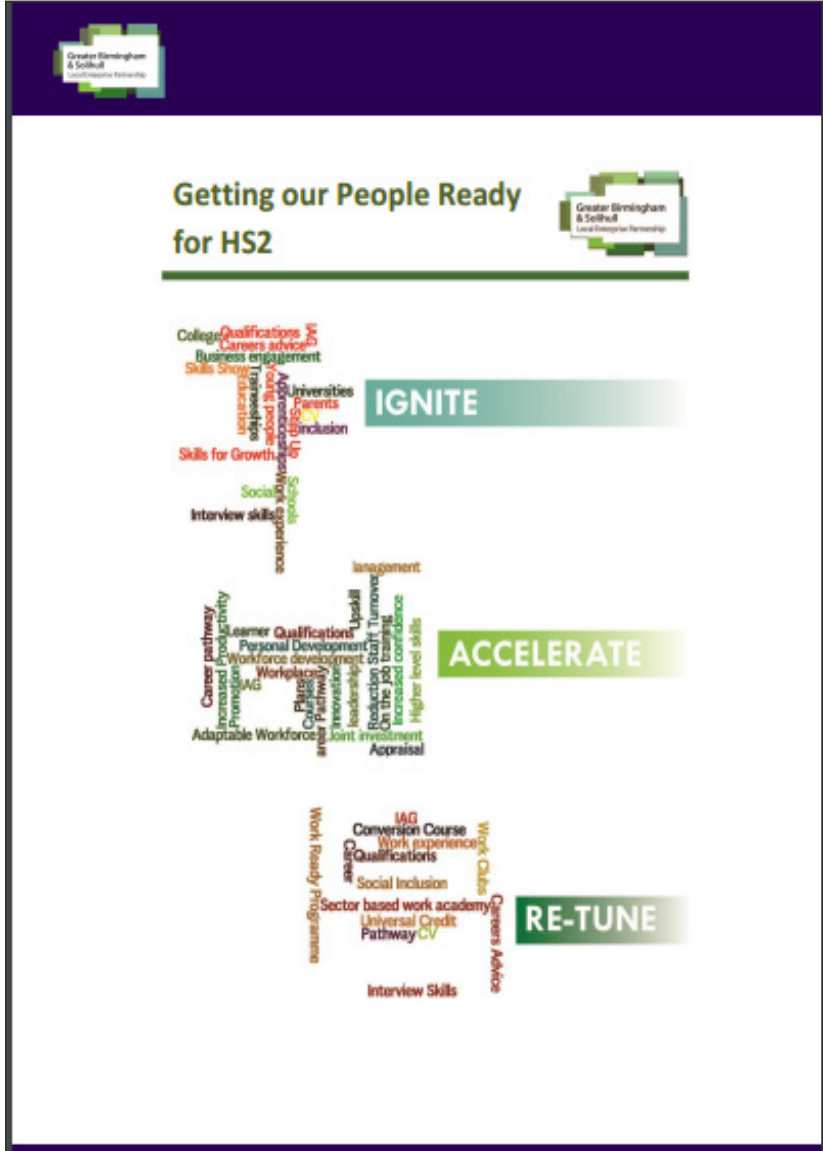
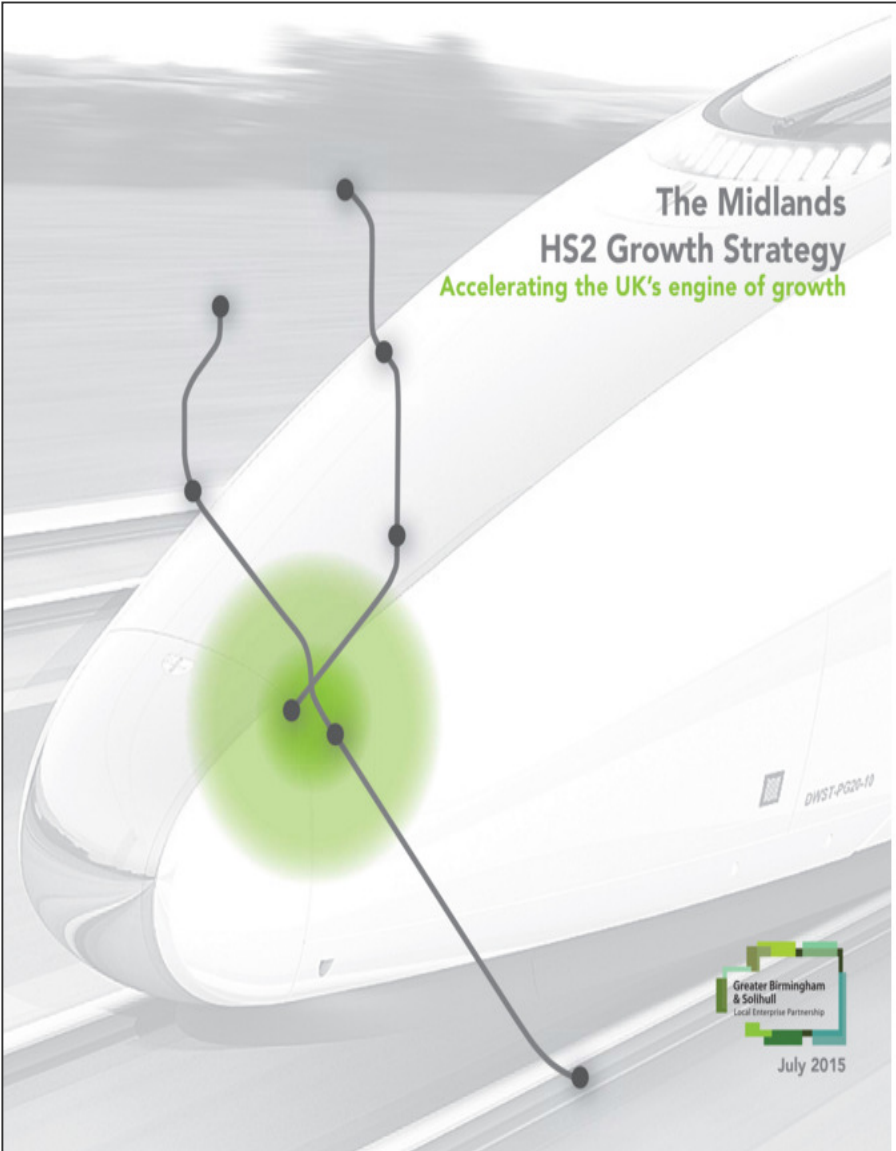
SATELLITE
COMPOUNDS

HS2 IN THE REGION.....



... As well as a state of the art **Network Control Centre** & **Rolling Stock Maintenance Depot** in Washwood Heath, East Birmingham.

HS2 – ENGINE FOR GROWTH



EMPLOYMENT AND SKILLS VISION

“Working with our suppliers, we will build a skilled workforce that fuels further economic growth across the UK.”

- *Ensure the availability of the right workforce at the right time with the right skills and behaviours*
- *Create opportunities for local, disadvantaged and under-represented people and companies to benefit from the investment in, and employment prospects created by HS2*

IGNITE



Collaborating with local delivery partners in education and training we will **ignite** interest in the jobs that will be delivered through this Growth Strategy, engaging with young people from an early age, raising awareness of career pathways and influencing their choices.

ACCELERATE



We will invest in our local workforce and **accelerate** their progression along the skills continuum ensuring that individuals achieve their full potential be it academically and/or vocationally. We will ensure that our existing workforce has the skills that businesses require to encourage them to invest in the area, grow and innovate.

RE-TUNE



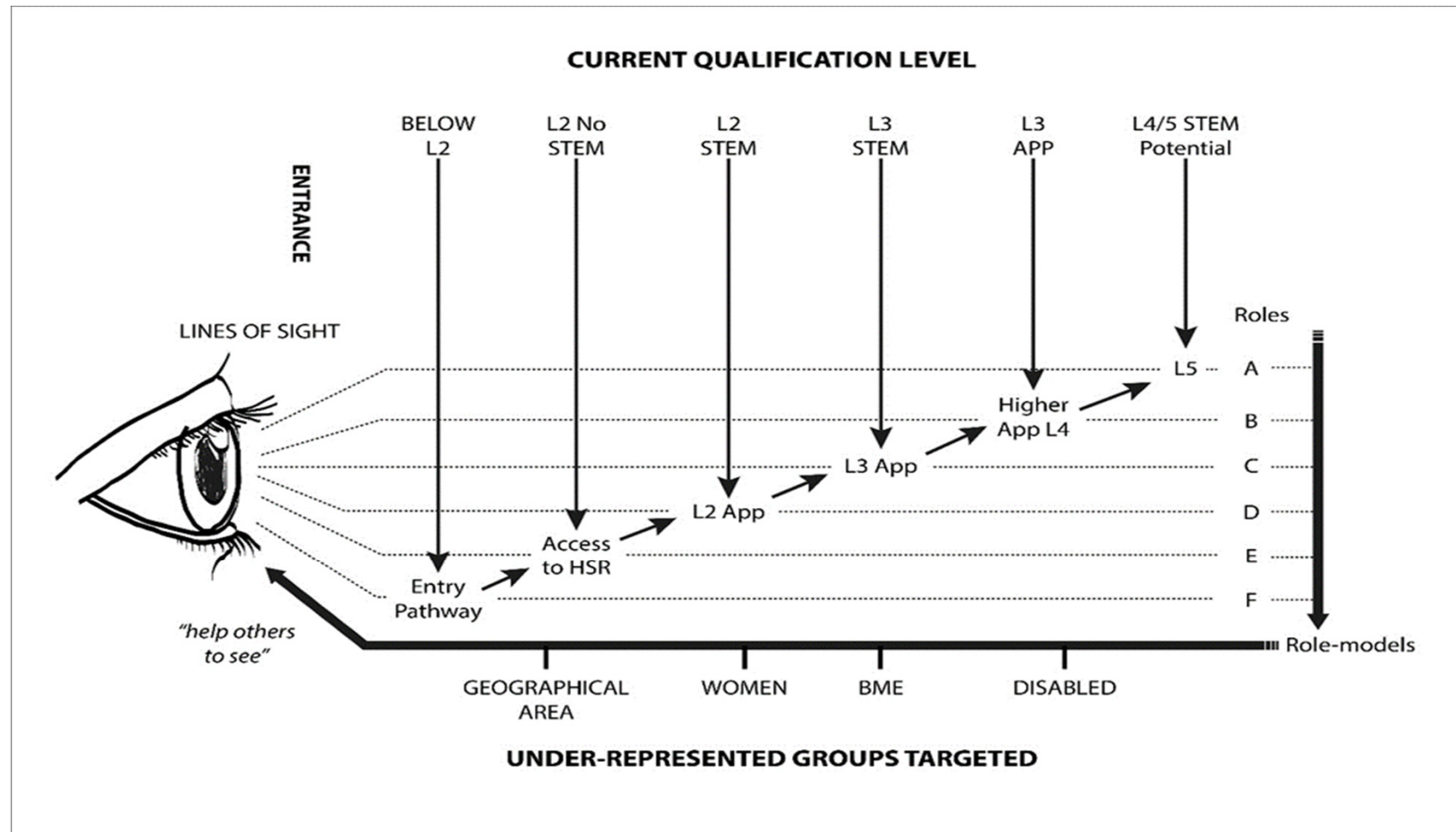
We will **re-tune** the skills of the adult workforce so that those who are out of work or employed in declining sectors, are able to re-train to access the jobs created as a result of HS2 and support further economic growth.

A STEM PROGRESSION PATHWAY

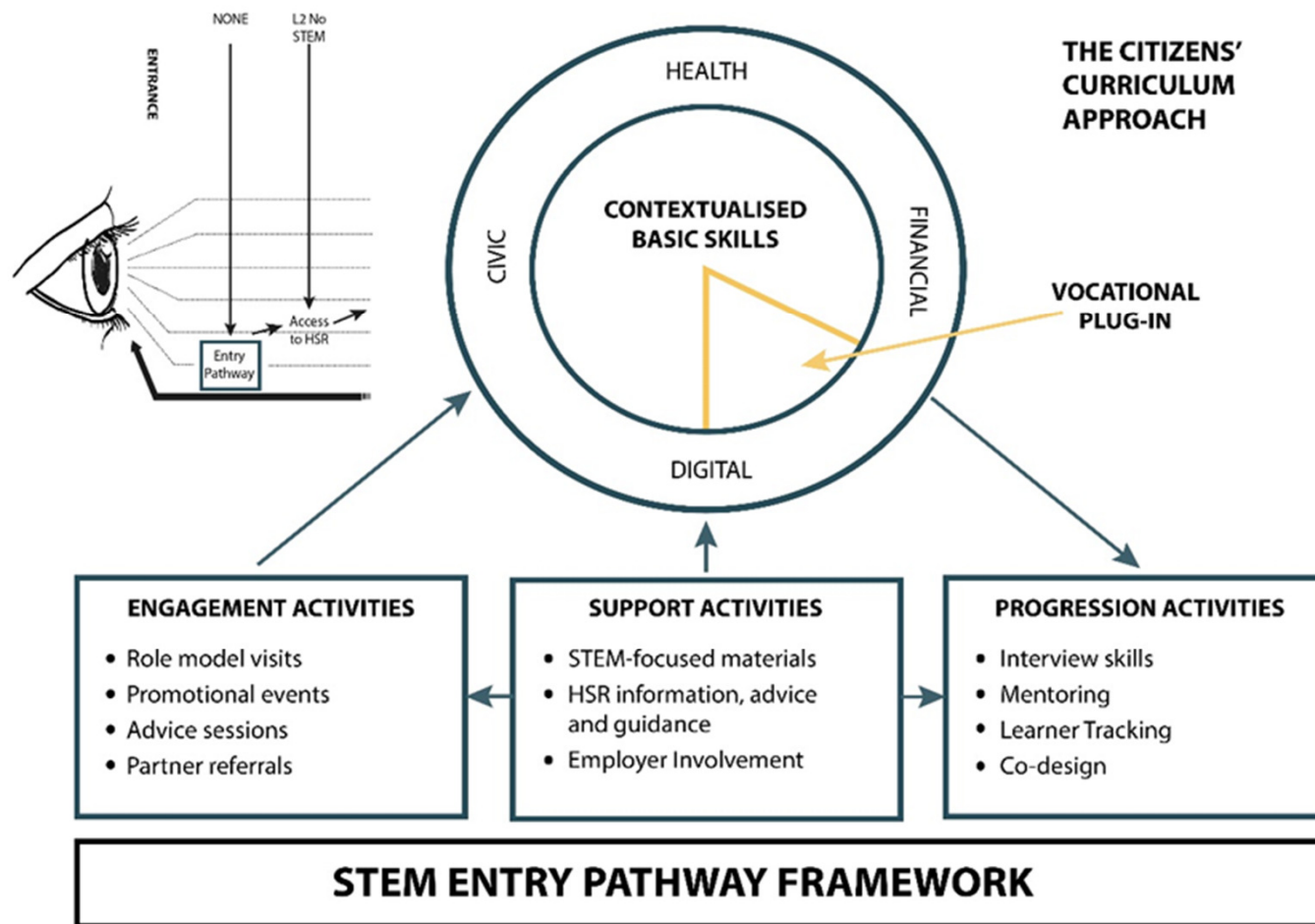
A strategy to enable the lowest-skilled and least-advantaged citizens in the region to progress towards high-skill, high-value jobs in STEM industries, which:

- illustrates the various routes into jobs in HSR and STEM-related industries at all levels;
- provides a “line of sight” to those jobs for people farthest from achieving them;
- includes an entry point to the pathway for those with the lowest skills and furthest to travel in terms of learning and qualifications.

THE PROPOSED MODEL



CITIZENS' CURRICULUM STEM ENTRY PATHWAY FRAMEWORK



KEY DESIGN FEATURES

1. A clear line of sight for learners to learning and work opportunities.
2. Strategic partnership co-ordination.
3. Robust progression infrastructure.
4. Tailored and targeted provision.
5. An holistic approach.
6. Employer involvement.
7. Outreach, promotion and engagement in communities.
8. Peer support and role models.

NEXT STEPS

- Establishing an underpinning infrastructure to ensure leadership, effective partnership working, and ongoing development and monitoring of the action plan
- Implementing the STEM Entry Pathway Curriculum
- Enabling learners to access and progress on the Pathway

CATALYST FOR CHANGE

