



## South Gloucestershire Partnership Partners' Conference

Education & skills: developing skills for a modern economy  
12 September 2017



@adam\_powell

@westofenglandca

**Adam Powell**

West of England Combined Authority

# Tackling our local skills gaps

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- Data and delivery: local and national perspectives
- Devolution: West of England Combined Authority

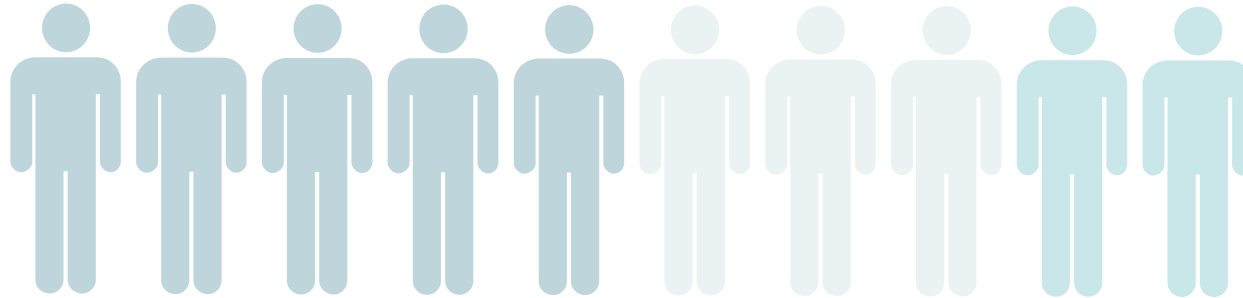
## 1/ Skills – Data and delivery

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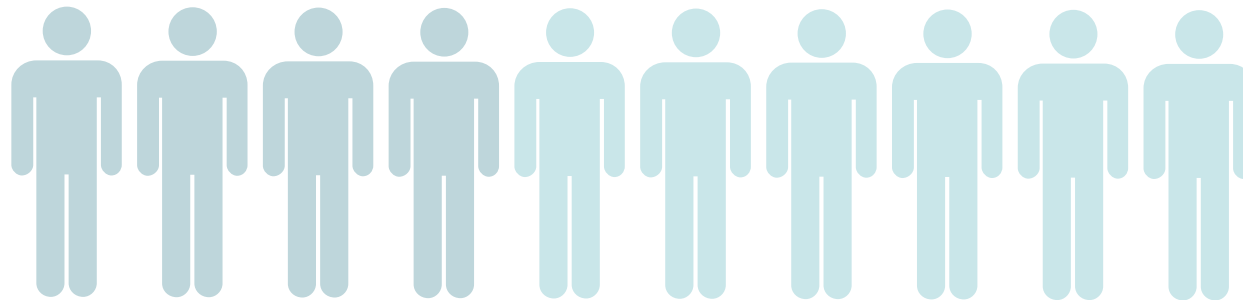
# A highly educated resident population

Percentage of population with NVQ4 or above/at least degree level qualifications

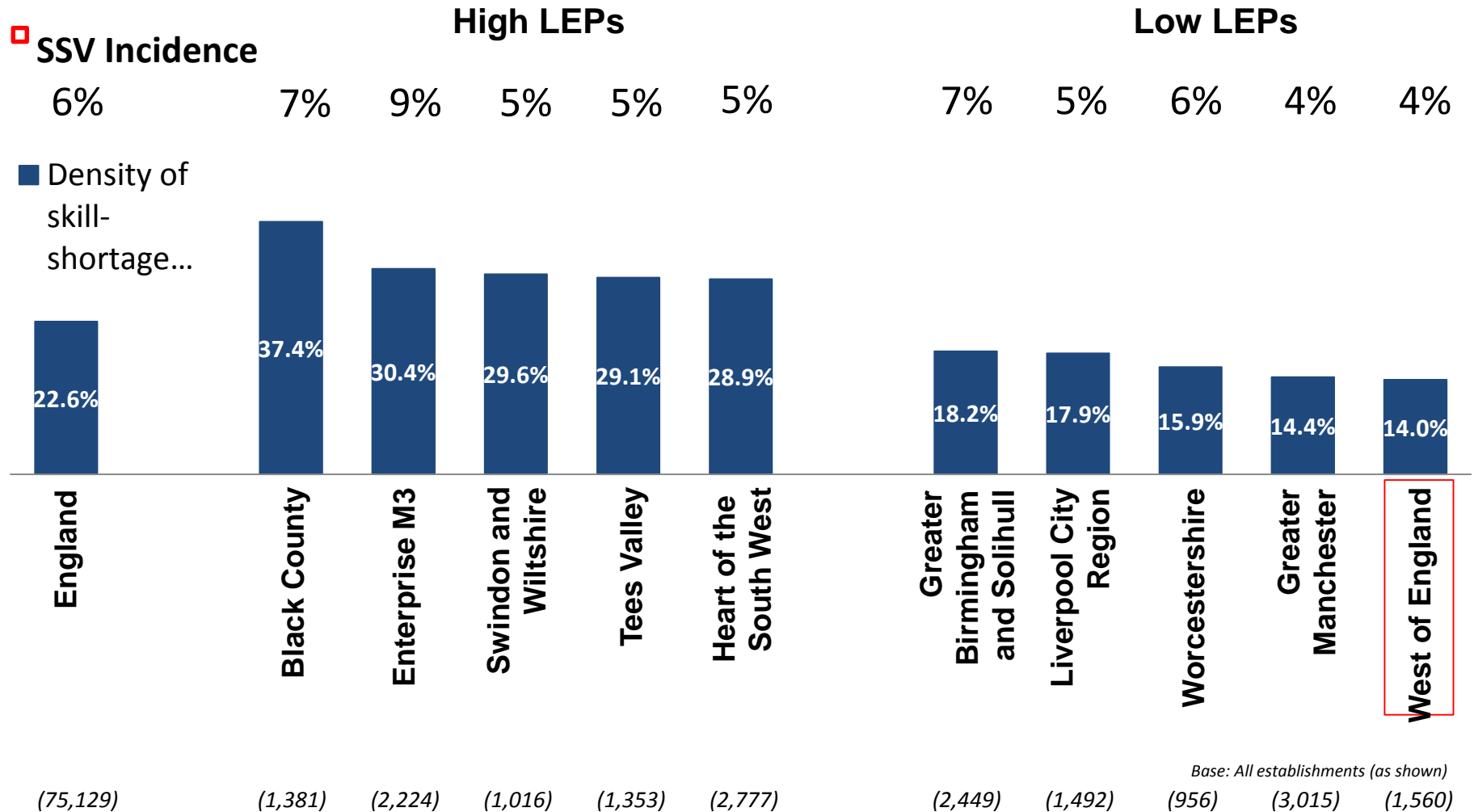
West of England 43.6%



England 36.8%



# Fewest skill-shortage vacancies in England (2015)



# Strong local education and training providers

## Local Education and Training Providers

With locations across the City Region and learning clusters around Bristol and Bath you're never far from a centre of learning. This map shows you the locations of some of our key education and training providers.

### FURTHER EDUCATION COLLEGES

#### Bath College

- City Centre Campus
- Somer Valley Campus
- 01225 312 191
- [www.bathcollege.ac.uk](http://www.bathcollege.ac.uk)

#### City of Bristol College

- Advanced Engineering Centre
- Ashley Down Centre
- College Green Centre
- South Bristol Skills Academy
- 0117 312 5000
- [www.cityofbristol.ac.uk/contact-us](http://www.cityofbristol.ac.uk/contact-us)
- [www.cityofbristol.ac.uk](http://www.cityofbristol.ac.uk)

#### South Gloucestershire and Stroud College

- SGS Filton Campus
- SGS WISE Campus
- 0800 0547 253
- [www.sgscot.ac.uk](http://www.sgscot.ac.uk)

#### Weston College

- Knightstone Campus
- South West Skills Campus
- University Campus
- 01934 411 411
- [www.weston.ac.uk](http://www.weston.ac.uk)

### UNIVERSITY LOCATIONS

#### Bath Spa University

- Bath Spa University Fashion
- Newton Park Campus
- Rush Hill Campus
- Sion Hill Campus
- 01225 875 875
- [www.bathspa.ac.uk](http://www.bathspa.ac.uk)

#### University of Bath

- 01225 388 388
- [www.bath.ac.uk](http://www.bath.ac.uk)

#### University of Bristol

- 0117 328 9000
- [www.bristol.ac.uk](http://www.bristol.ac.uk)

#### University of the West of England

- City Campus
- Frenchay Campus
- Glenside Campus
- 0117 965 6261
- [www.uwe.ac.uk](http://www.uwe.ac.uk)

### UNIVERSITY TECHNICAL COLLEGE

- Bristol Technology and Engineering Academy
- 0117 963 8080
- [www.bteacademy.co.uk](http://www.bteacademy.co.uk)

### STUDIO SCHOOLS

#### Digitech Studio School

- 0117 992 7100
- [www.digitechstudioschool.co.uk](http://www.digitechstudioschool.co.uk)

#### IKB Studio School

- 0117 916 1025
- [www.theikbstudioschool.org.uk](http://www.theikbstudioschool.org.uk)

#### The Mendip Studio School

- 01225 875 875
- [www.bathspa.ac.uk](http://www.bathspa.ac.uk)

#### The Bath Studio School

- 01225 831 933
- [www.thebathstudioschool.org.uk](http://www.thebathstudioschool.org.uk)

### TECHNOLOGY COLLEGE

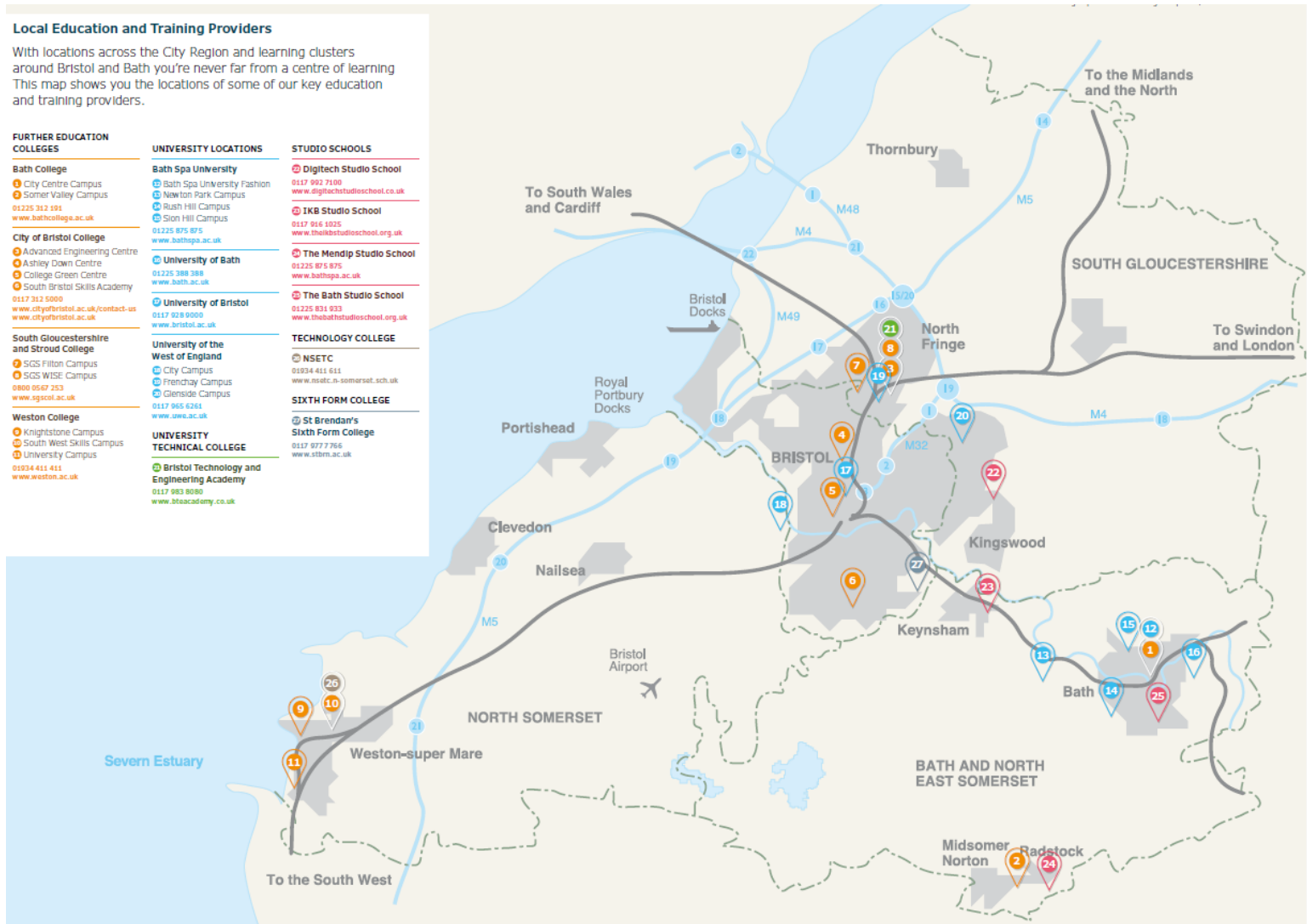
#### NSETC

- 01834 411 611
- [www.nsetc.co.uk](http://www.nsetc.co.uk)

### SIXTH FORM COLLEGE

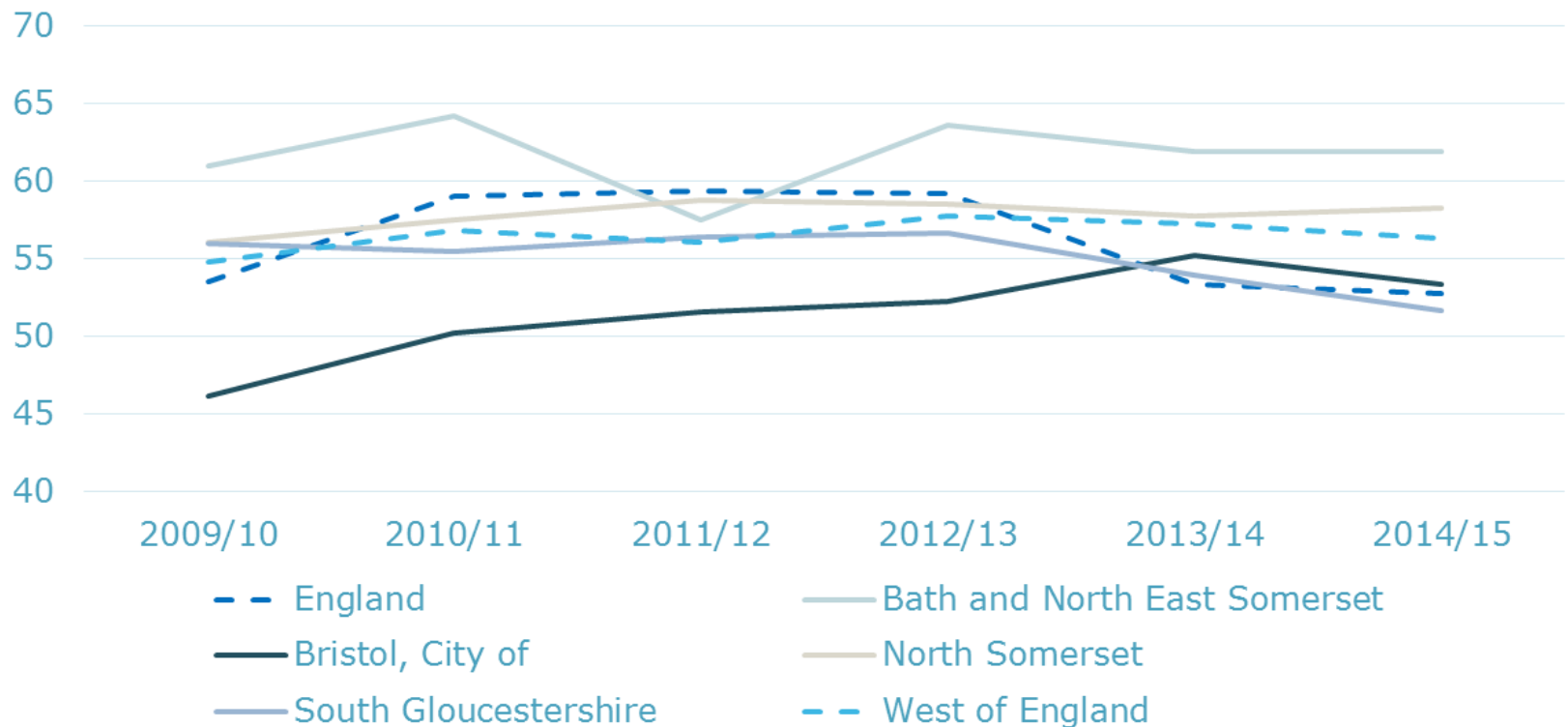
#### St Brendan's Sixth Form College

- 0117 977 766
- [www.stbrn.ac.uk](http://www.stbrn.ac.uk)



# GCSE attainment varies across UAs

Percentage of Pupils with 5 A-C at GCSE inc English & Maths



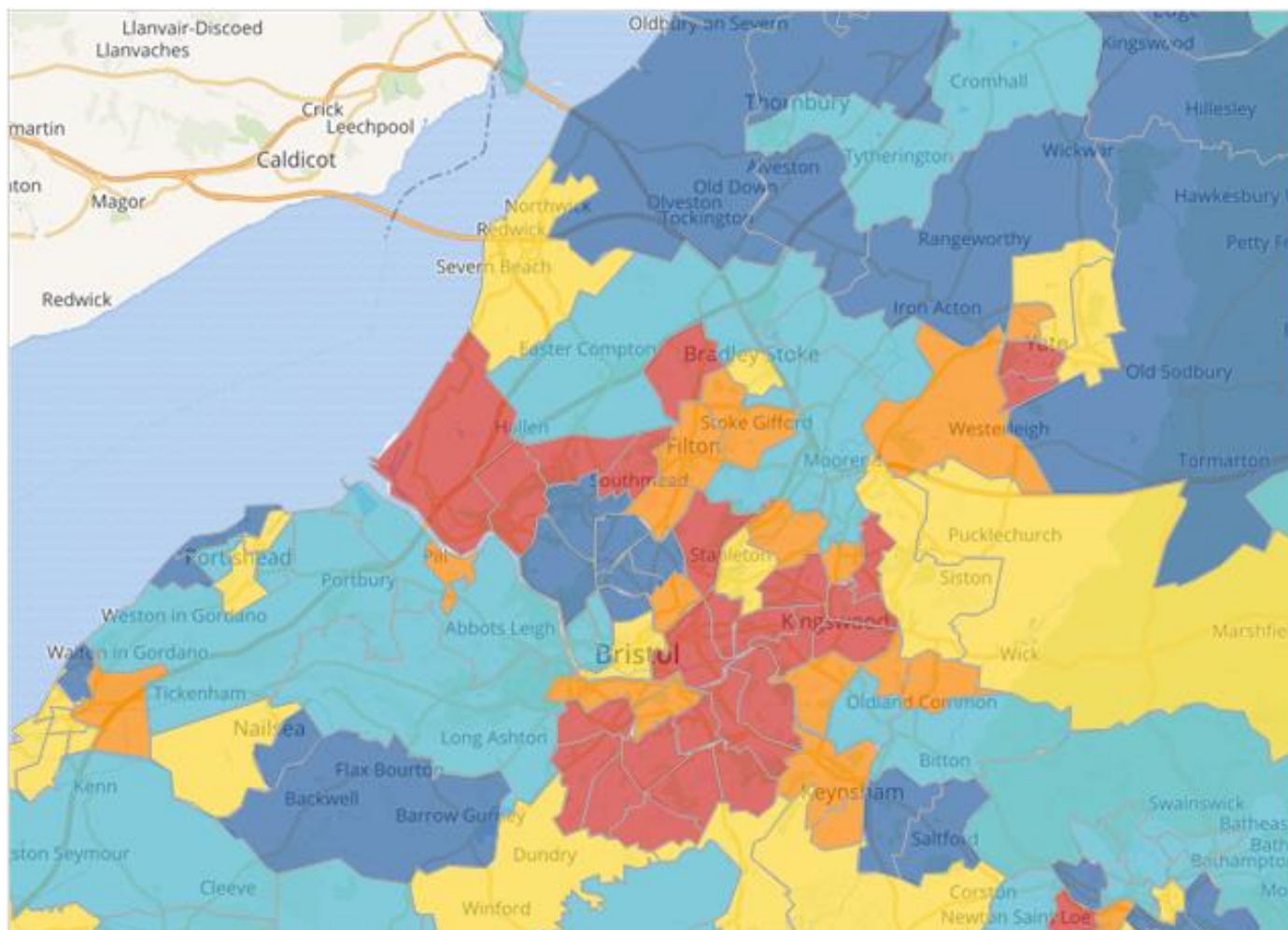
# Young people's participation in higher education by age 19

## Key:

- quintile 5
- quintile 4
- quintile 3
- quintile 2
- quintile 1
- (no quintile)

**5 = Positive gap**  
**1 = Negative gap**

**HEFCE POLAR3**





# Participation in STEM Education varies

## Participation

- Nationally, more young people took Triple Science, as well as Core Science and Additional Science at GCSE last year;
- But a decrease in entries to science A levels for a second year running;
- Locally, 23.1% (2,336) of KS4 pupils entered for Biology, Chemistry & Physics in line with national average (23.2%);
- However, LA differences exist
  - B&NES 27.5% (556) St Marks 59%, Wellsway 55%, St Gregs 54%
  - Bristol 23.6% (741) St Bede's 72%, Bristol Free 63%, Redland Gn 60%
  - **S Glos 20.4% (565) BTEA 72%, Marlwood 32%, Chipping S 30%**
  - N Som 21.8% (474) St Katherine's 45%, Backwell 34%, Nailsea 33%

## Gender

- Engineering Apprenticeships: Only 4% of advanced apprentice were girls.
- A Levels: Only 1 in 5 entries to Physics 1 in 10 to Computing were girls.

# Though STEM participation in HE is strong

**Table 15 Percentage of undergraduate students on STEM courses: 2012/13 to 2014/15**

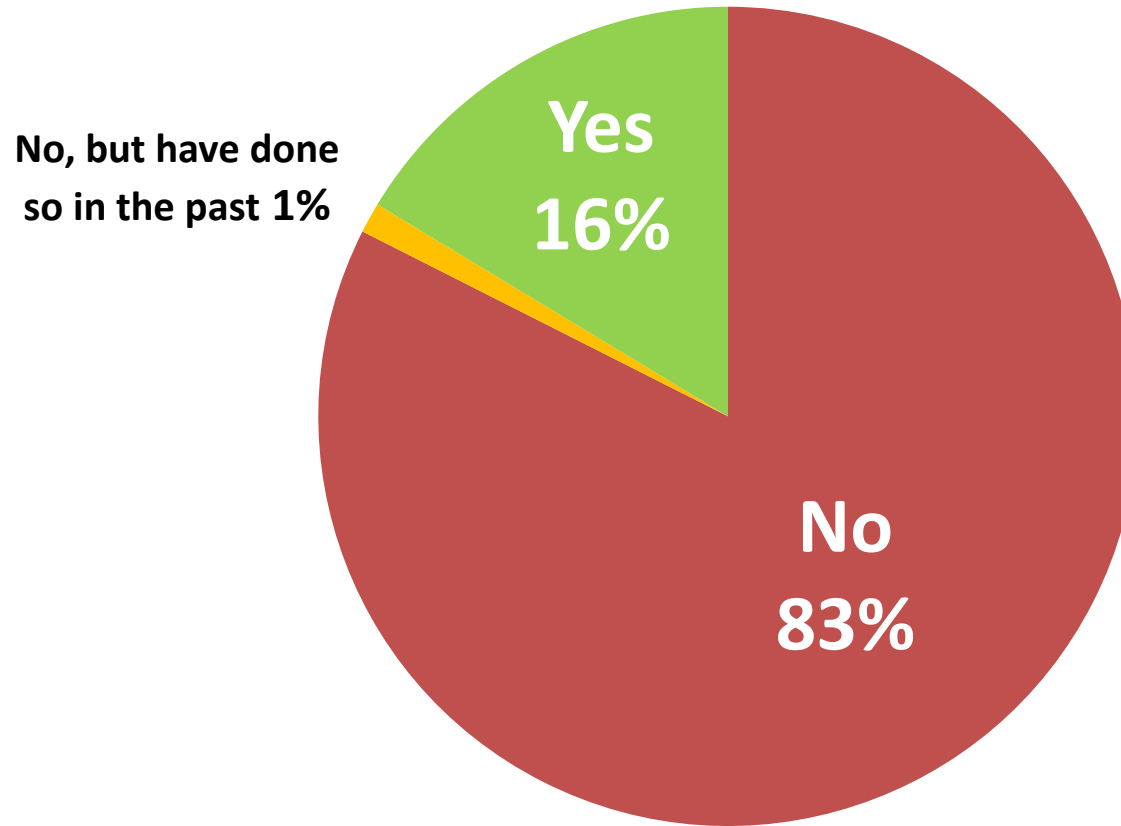
	Cornwall & Isles of Scilly	Gloucestershire	Heart of the South West	South East Wales	West of England	Consortia area (total)	England & Wales (total)
2012/13	14.9%	34.2%	46.2%	46.8%	52.5%	46.9%	43.9%
2013/14	17.6%	36.0%	47.6%	47.0%	52.8%	47.6%	44.7%
2014/15	20.0%	36.0%	47.0%	48.4%	53.1%	48.0%	45.7%

*Source: HESA 2012/13, 2013/14 and 2014/15 Student Returns*

South West England and South East Wales Science and Innovation Audit (2017)

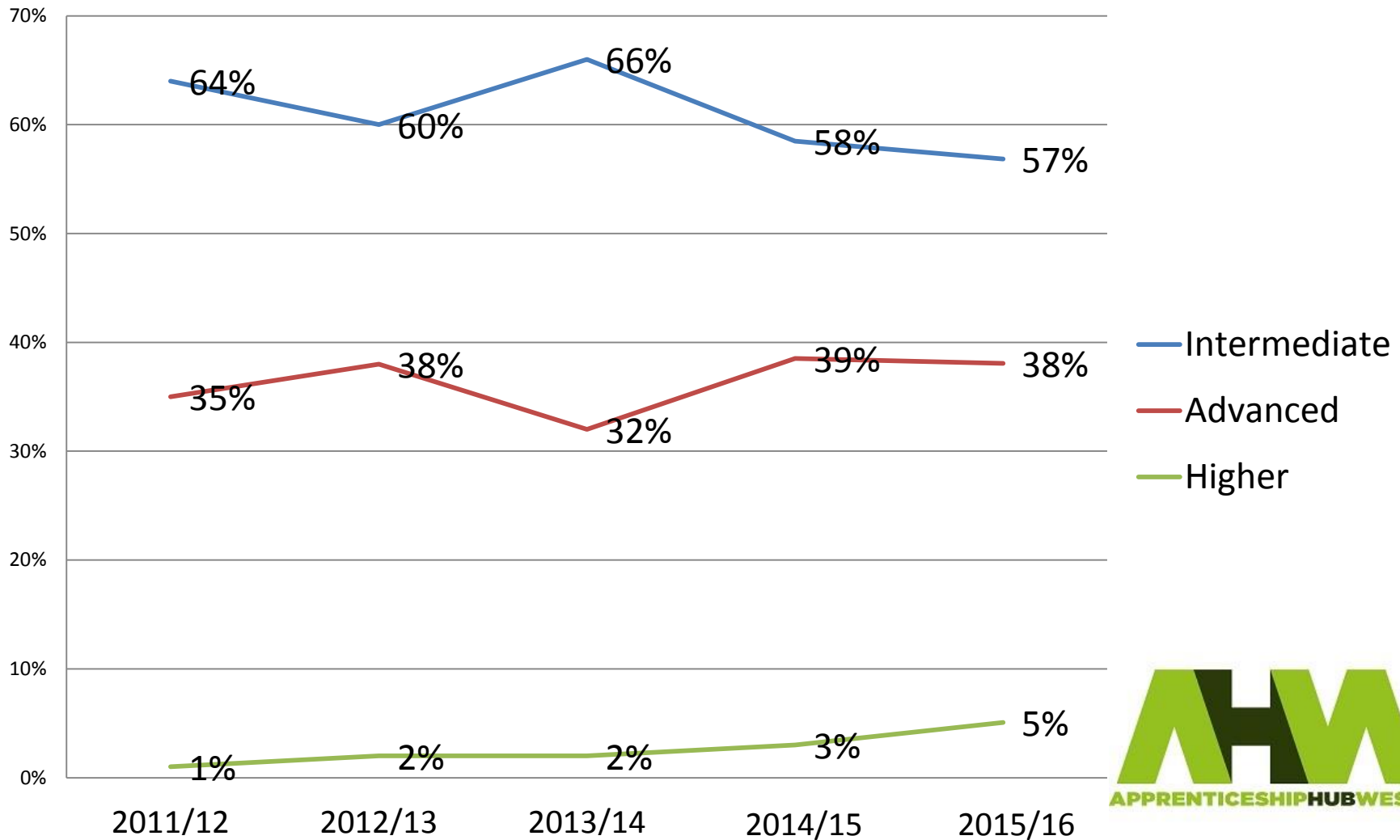
# And apprenticeships are still underrepresented

We asked 1400+ employers based in the West of England last year : "Do You Currently Employ Any Apprentices?"

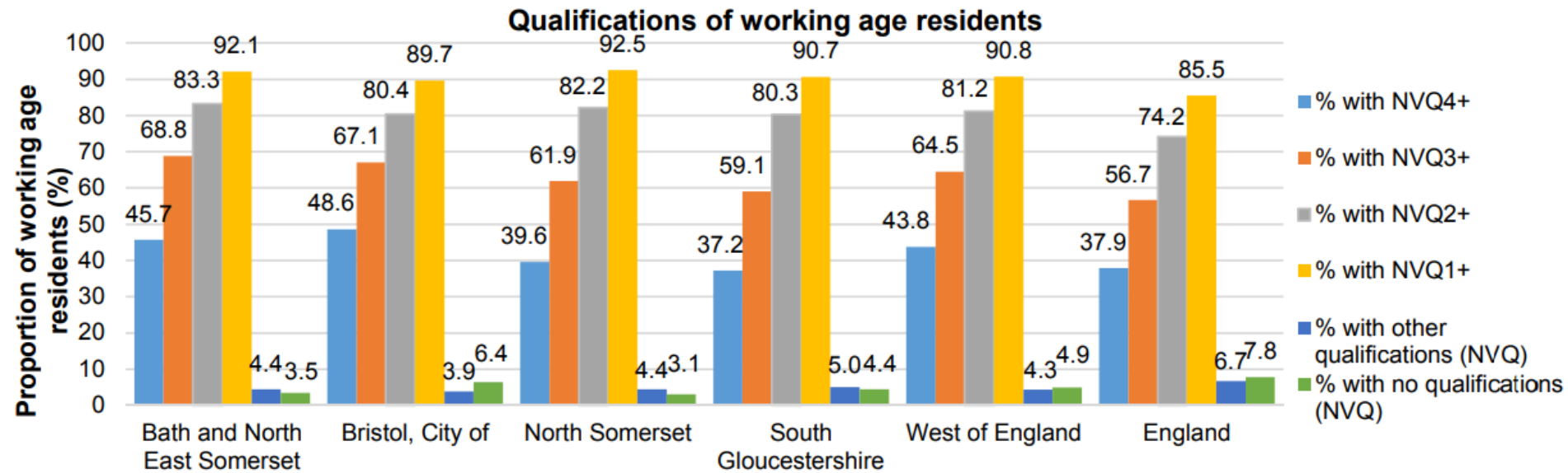


Base: 1419

# Local apprenticeship starts by level

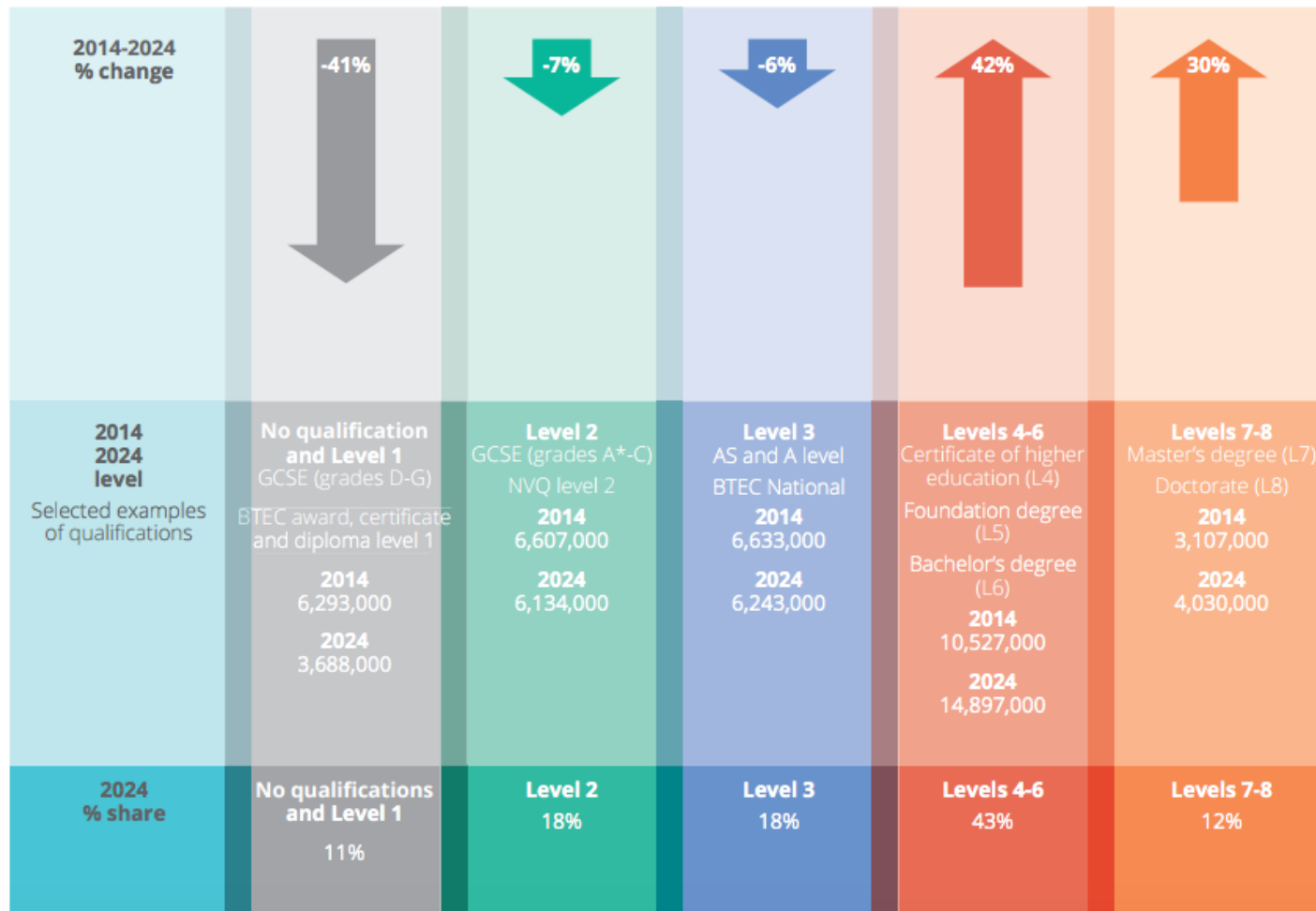


# Resident qualification levels



Source: ONS Annual Population Survey (via NOMIS)

# Future proofing our talent pipeline



# Business engagement with schools

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**Last year, we surveyed 1509 business across the West of England**

- 410 (27%) reported working with schools, colleges and universities to support the development of employability in young people.
- Of those employers not working in this area, over one-third would like to do so, with greatest barriers being time/capacity, not knowing who to contact or lacking support to engage
- Over two thirds reported offering work experience opportunities, with careers talks, workplace visits and mentoring being next most popular activities

# With which schools do employers work?

We asked with which schools employers engaged.

The top ten were:

- Clevedon Community School (13)
- Churchill Academy (11)
- Gordano School (10)
- Norton Hill (10)
- Wellsway School (8)
- **Castle School (7)**
- Cotham School(7)
- **Mangotsfield Secondary School (7)**
- **Marlewood School (7)**
- Merchants Academy (7)

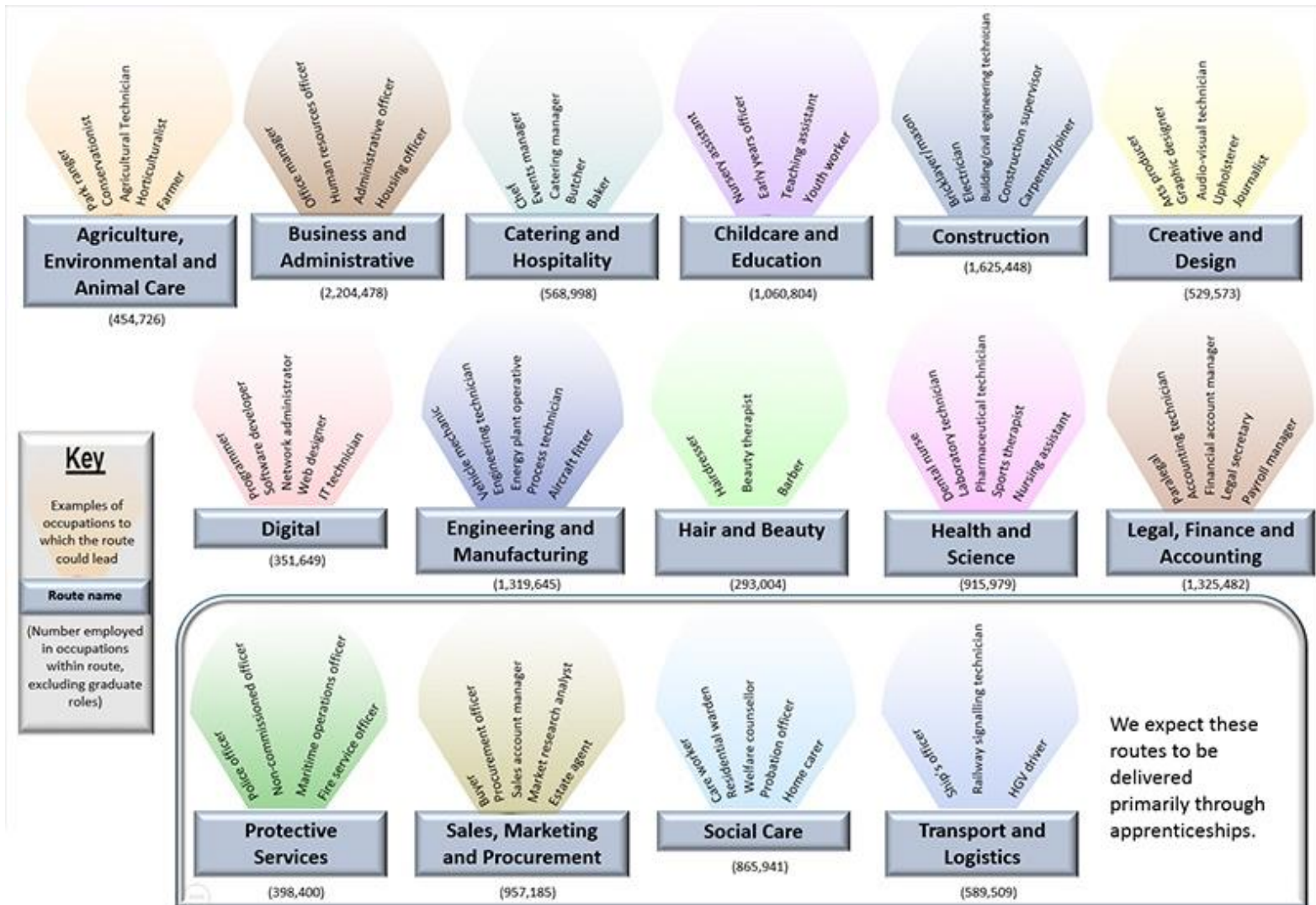


# Careers & Enterprise Company in South Glos

*“In a very short space of time, our Enterprise Adviser has brought expertise and external challenge to provide the best possible careers provision for all our students. We’re now able to provide a greater number of students with more meaningful experiences of employer engagement. In particular, we’ve begun working with students much earlier with more focus on career related learning in the classroom.”* **Deputy Headteacher, Mangotsfield School (June 2017)**



# Technical education pathways



# Existing local programmes underway

Non-devolution activities currently underway include:

- West of England construction workforce needs analysis
- Avonmouth/Sevenside Distribution & Logistics skills needs
- Supporting BME communities into apprenticeships
- Supporting area-wide Post-16 planning and co-ordination
- West of England Digital Strategy including skills

And supporting delivery and co-ordination of

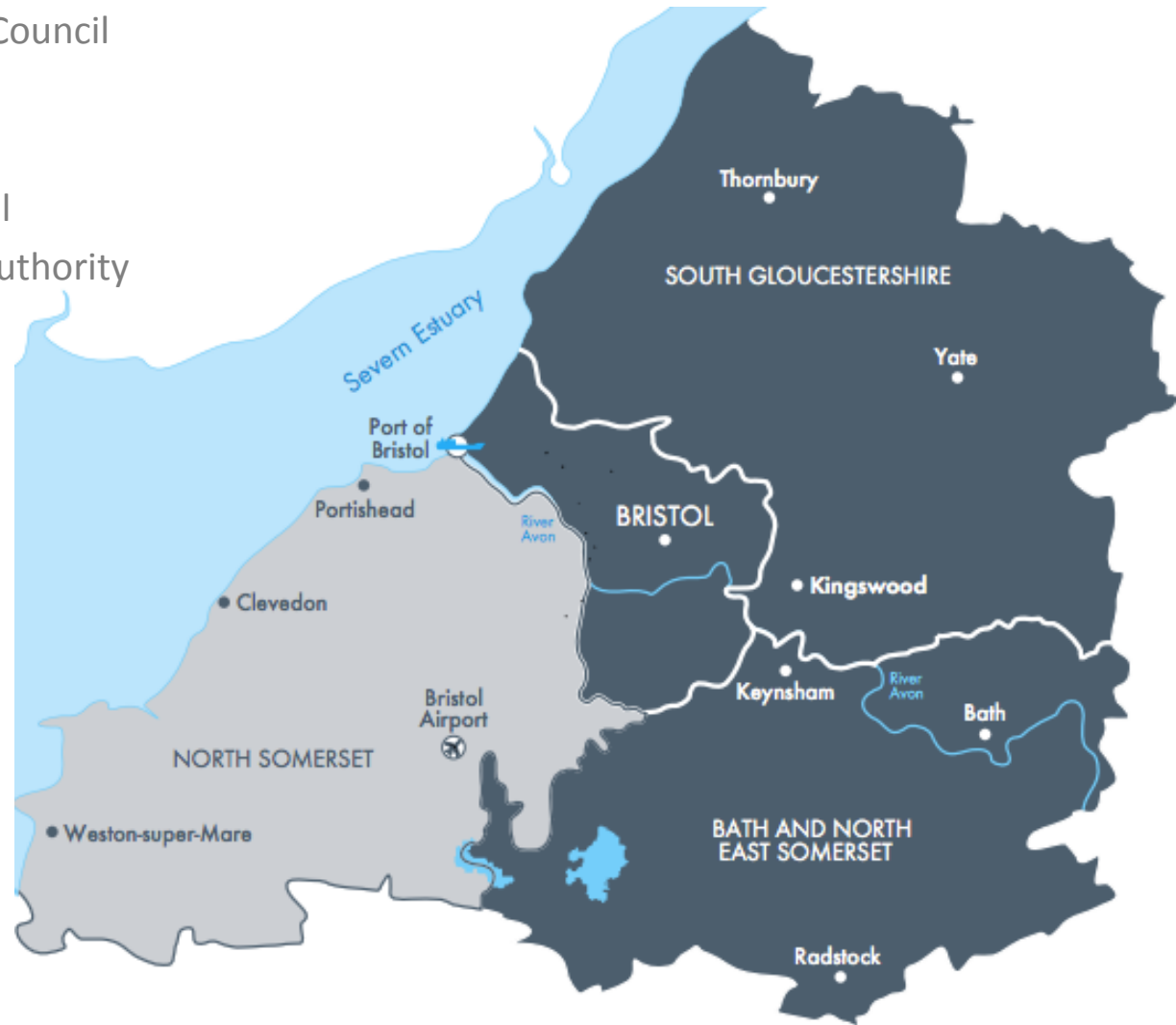
- Skills West and other related programmes (European Social Fund)
- West of England Works (Big Lottery Fund)
- Futurequest (HEFCE)
- National Careers Service (ESFA)

## 2/ Skills – Devolution

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# West of England's five authorities

- Bath & North East Somerset Council
- Bristol City Council
- North Somerset Council
- South Gloucestershire Council
- West of England Combined Authority



# West of England Combined Authority

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- West of England Combined Authority
  - A statutory body, established on 1 February 2017
  - One of 6 Mayoral Combined Authorities
  - Builds on the partnership working that already existed in the region
  - Enables the delivery of devolved powers
  - Single office supporting WECA, Joint Committee and LEP

# Devolution deal: Employment and Skills

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- Local control of **Adult Education Budget**
- **Apprenticeship Grant for Employers (2016/17)**
- Co-commissioning of national **Work and Health Programme**
- Development of an **Employment Support Innovation Pilot**
- Improved strategic co-ordination of **Careers Education, Information, Advice and Guidance**
- And the opportunity to continue building an ambitious and inspiring system-wide employment and skills strategy, driving local growth and boosting productivity whilst improving outcomes for local people.

# World-class skills for employment - objectives

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## **We will focus on:**

- Improving alignment of knowledge and skills supply with existing and future employer demands to enable individuals to succeed and businesses to grow
- Developing an integrated employment, education and skills system that is engaged and responsive to employer needs and provides clear routes into employment and to more sustainable and rewarding careers
- Supporting and stimulating business, including SMEs, to attract and develop the talent they need to improve productivity
- Developing innovative ways to provide local people with appropriate support, information, advice and guidance to unlock their career potential and thrive in a modern economy.



# World-class skills for employment - objectives

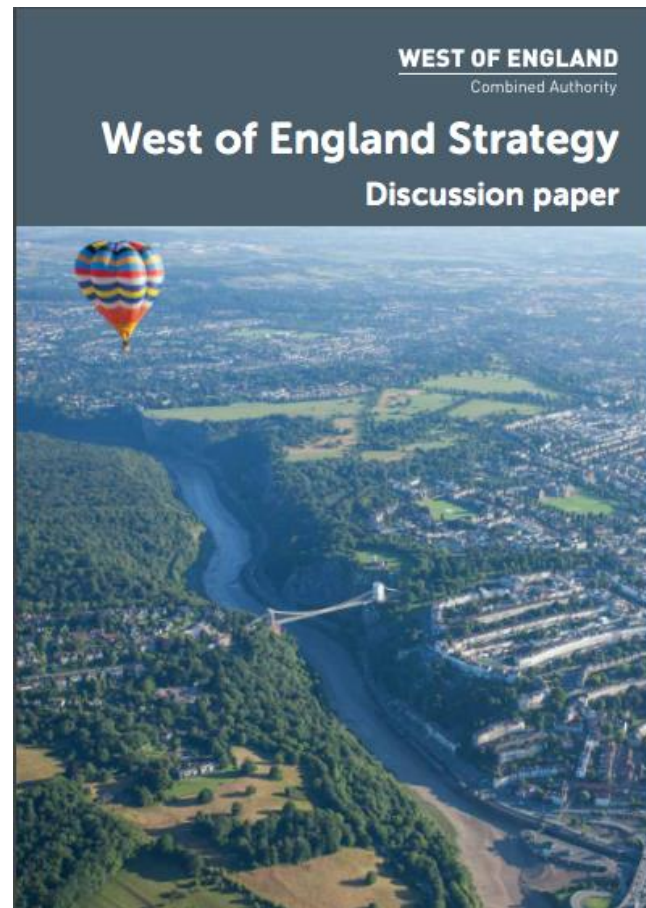
The West of England strategy discussion paper has details about the proposed vision and strategy.

It sets out high-level plans for delivering economic growth for all, under three pillars:

- Businesses that succeed
- World class skills for employment
- Infrastructure fit for the future

We want businesses, organisations and others to engage with this strategy and give us views on how we can improve it to ensure we can drive economic growth and improve the quality of life for all.

**Please give us your views by 27 September 2017**  
at [www.westofengland-ca.org.uk](http://www.westofengland-ca.org.uk)





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**Thank you.**