



Further Education SUSTAINABILITY SUMMIT

24 March
University of Leeds

Workshop 3: Workforce skills for sustainable development - Mapping Demand and Supply using College data

*Graham Whalley
RCU Limited*

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A partnership between



Association
of Colleges
Partnering, Empowering, Supporting

Project Outline



- AOC commissioned RCU to produce an analysis of learners on Sustainability / Renewable Energy courses;
- The project was to quantify the volume and proportion of learners on these courses;
- The analysis was split by:
 - Funding Model
 - Region
 - LEP
 - Level
 - Course Type.

Data Sources



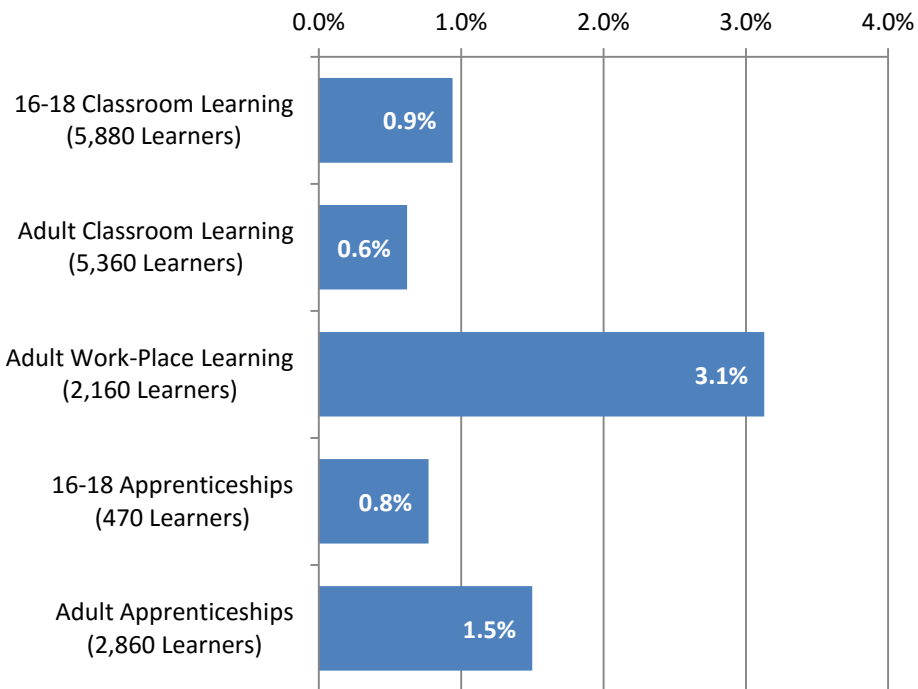
- No official definition of “Sustainability / Renewable Energy” on the Learner Record;
- Courses / Frameworks which have been included in the analysis have been filtered on the title for key words including:
 - ✓ ‘Sustainable’,
 - ✓ ‘Environmental’,
 - ✓ ‘Energy’,
 - ✓ ‘Renewable’

Overall Summary

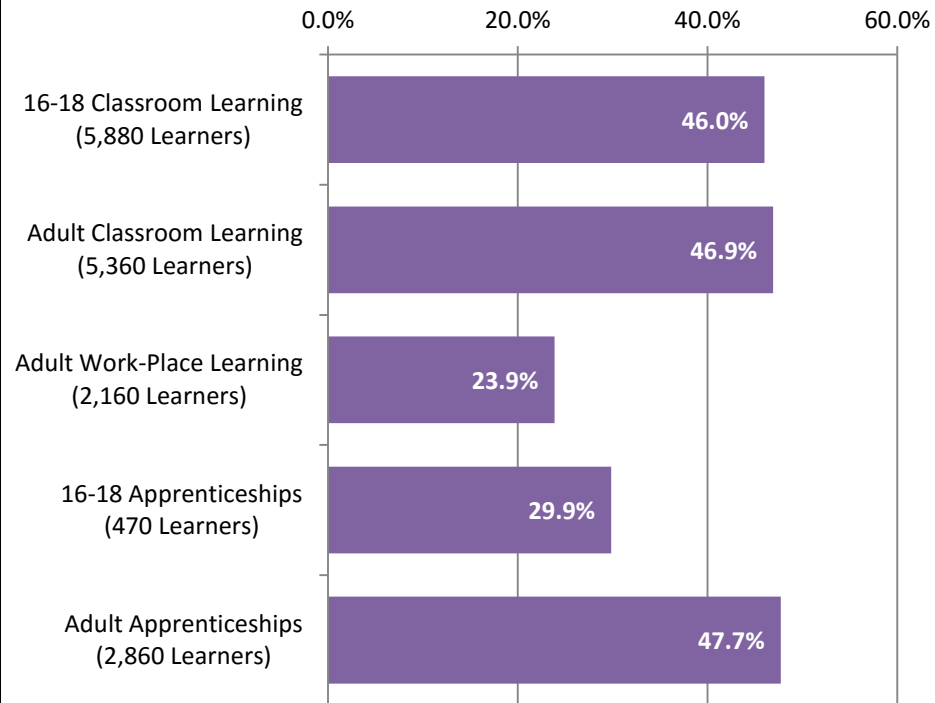


- A significant proportion of colleges in 2013/14 offered a 'Sustainability / Renewable Energy' course.

% of Learners on a S&RE Course



% of Colleges Offering a S&RE Course

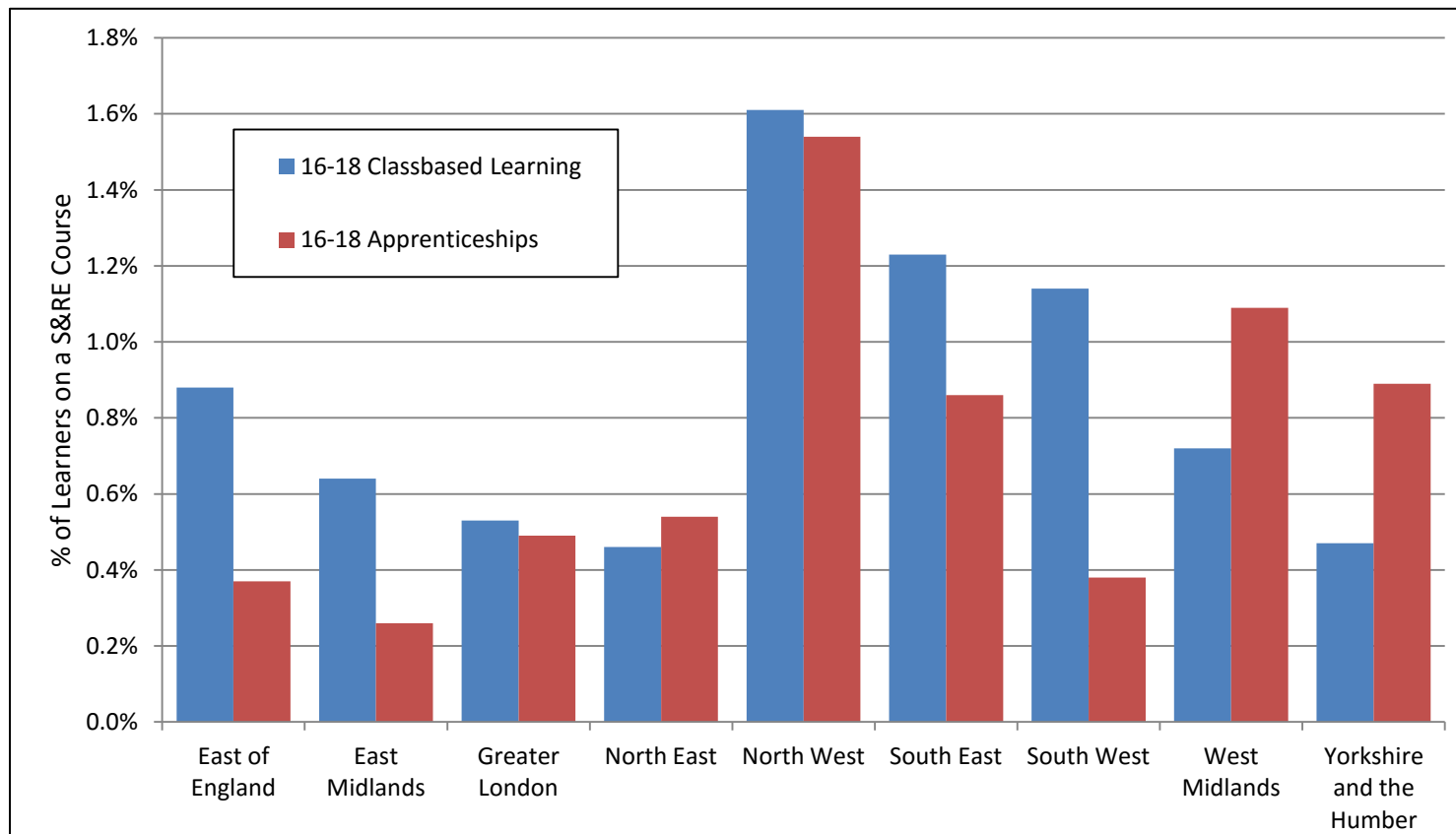


Regional Summary

16-18 Age Groups



- The North West Region had the highest proportion of learners.

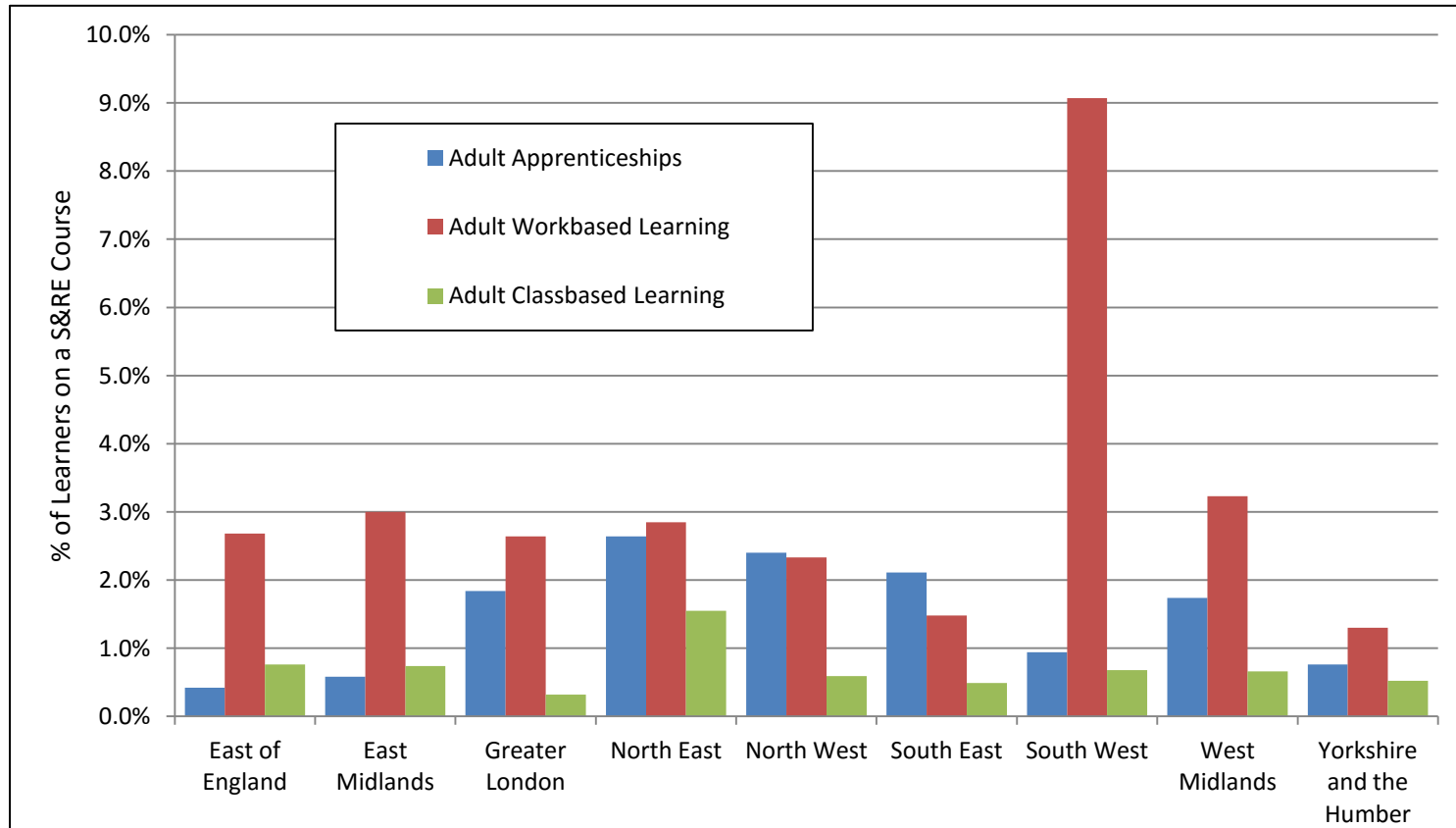


Regional Summary

Adult Age Groups



- South West had over 9% of Adult Workbased Learning learners on a Sustainability / Renewable Energy course.

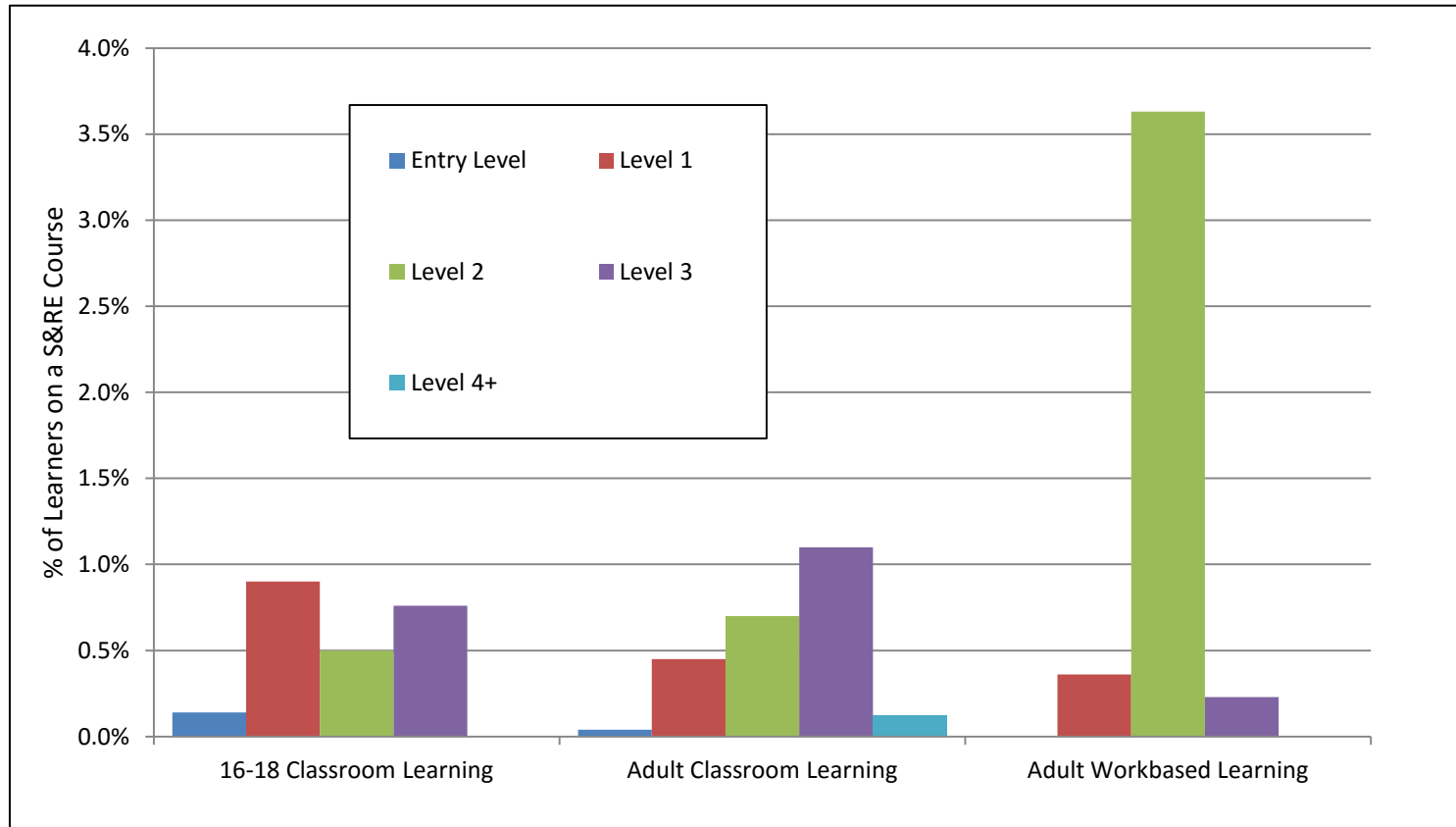


Level Summary

Classroom / Workbased Learning



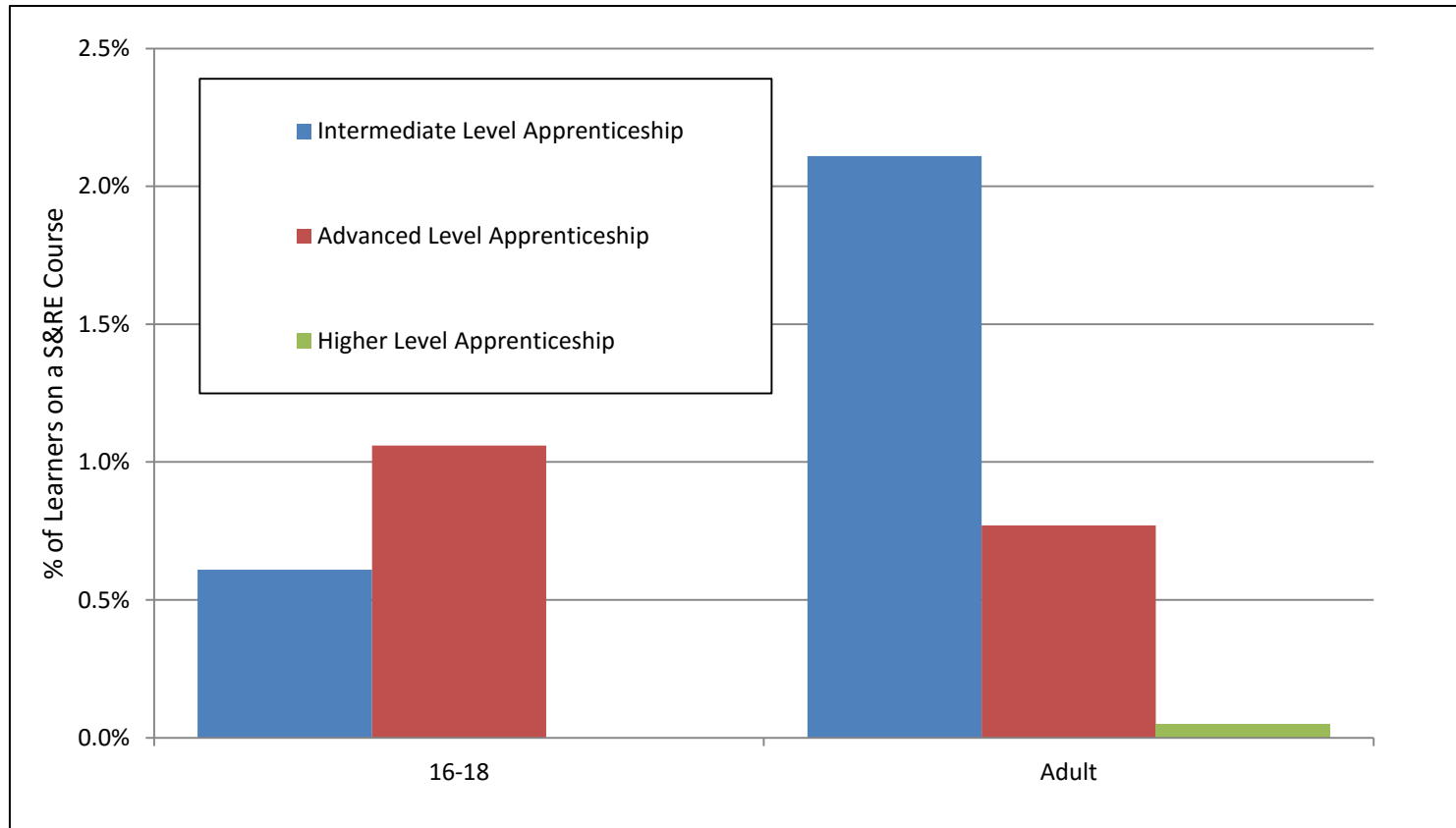
- Adult Workbased learning is dominated with Level 2 courses.



Level Summary Apprenticeships



- Adult Apprenticeships are primarily at Intermediate Level whereas 16-18 are at Advanced Level.

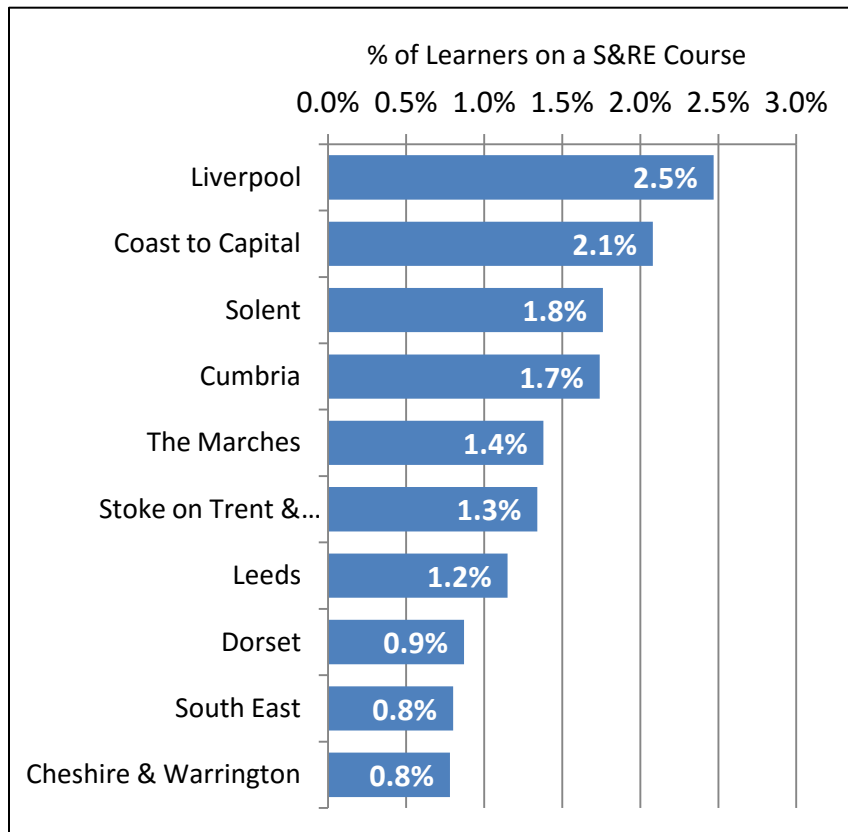


LEP Profile

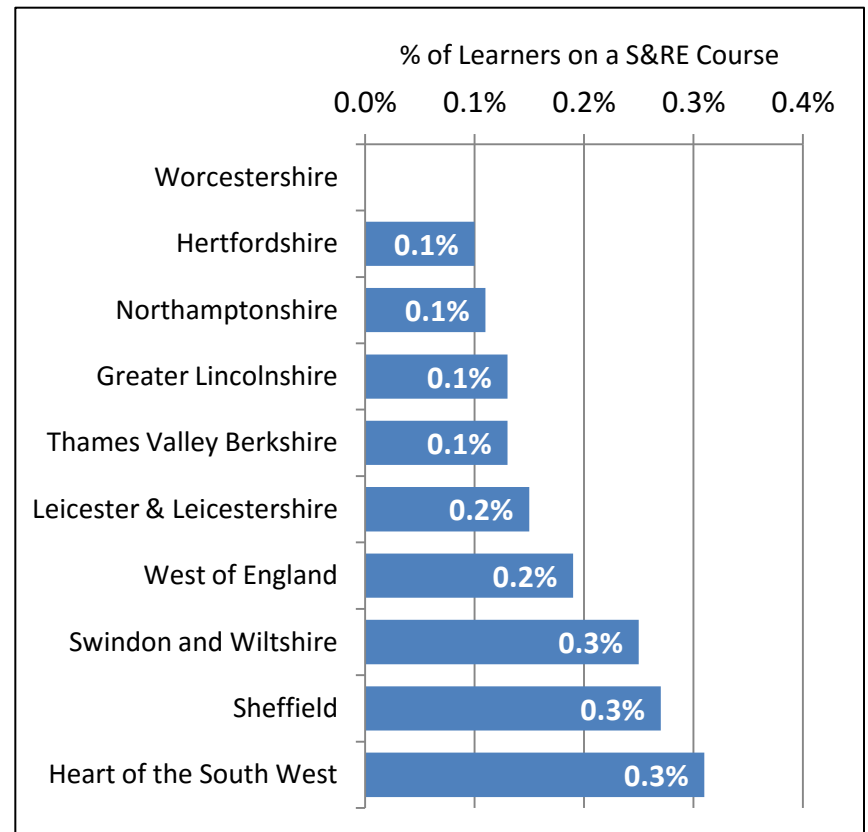
16-18 Apprenticeships



Top LEPs



Bottom LEPs

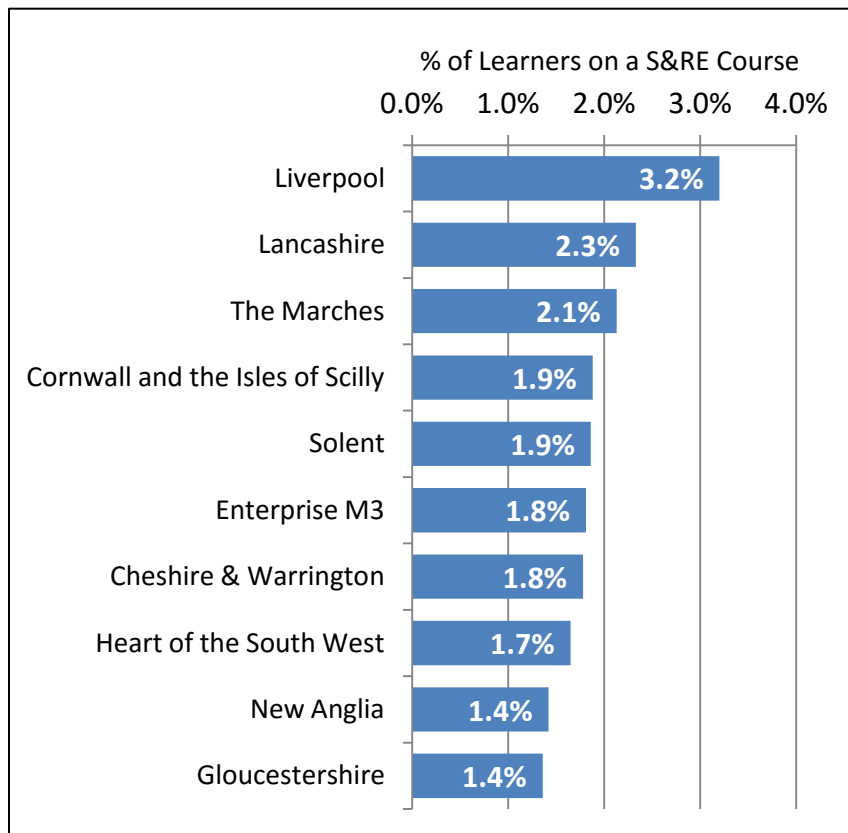


LEP Profile

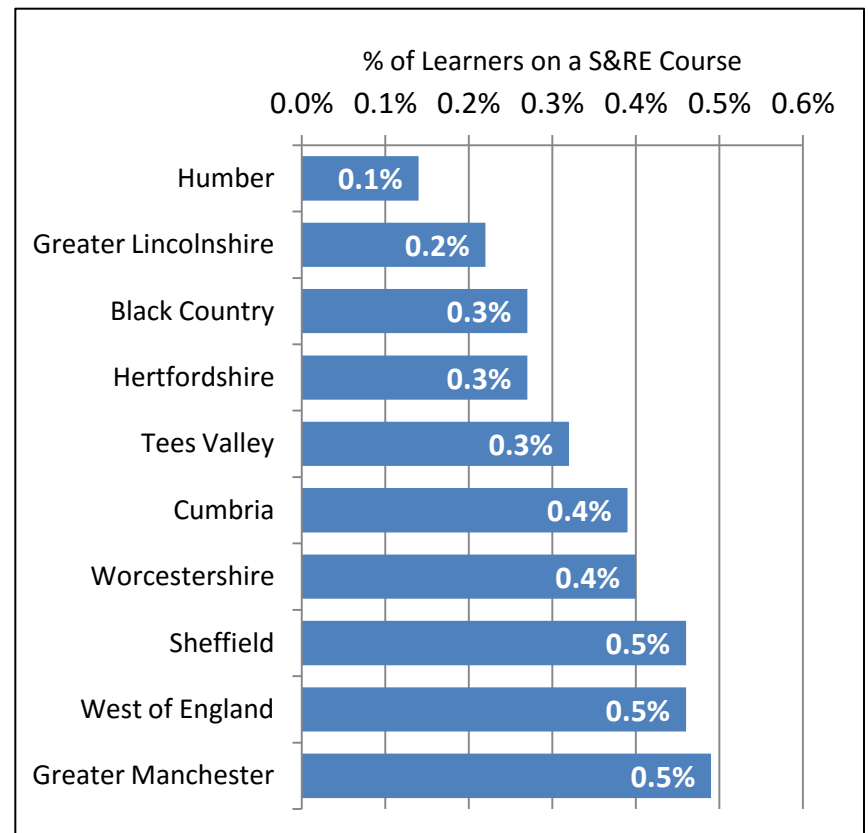
16-18 Classroom Based Learning



Top LEPs



Bottom LEPs

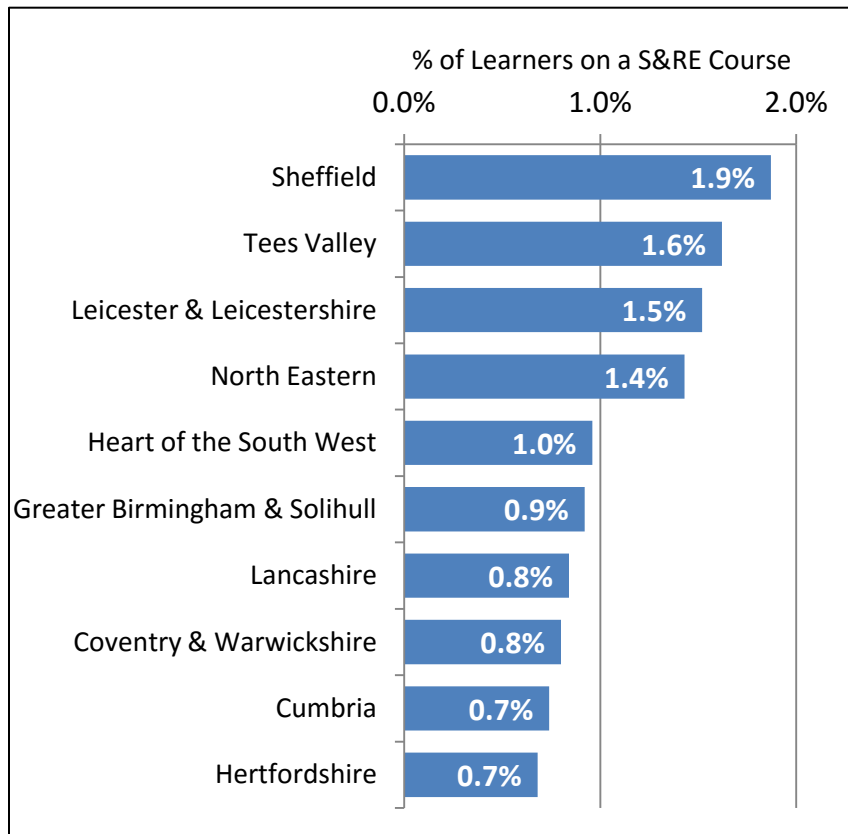


LEP Profile

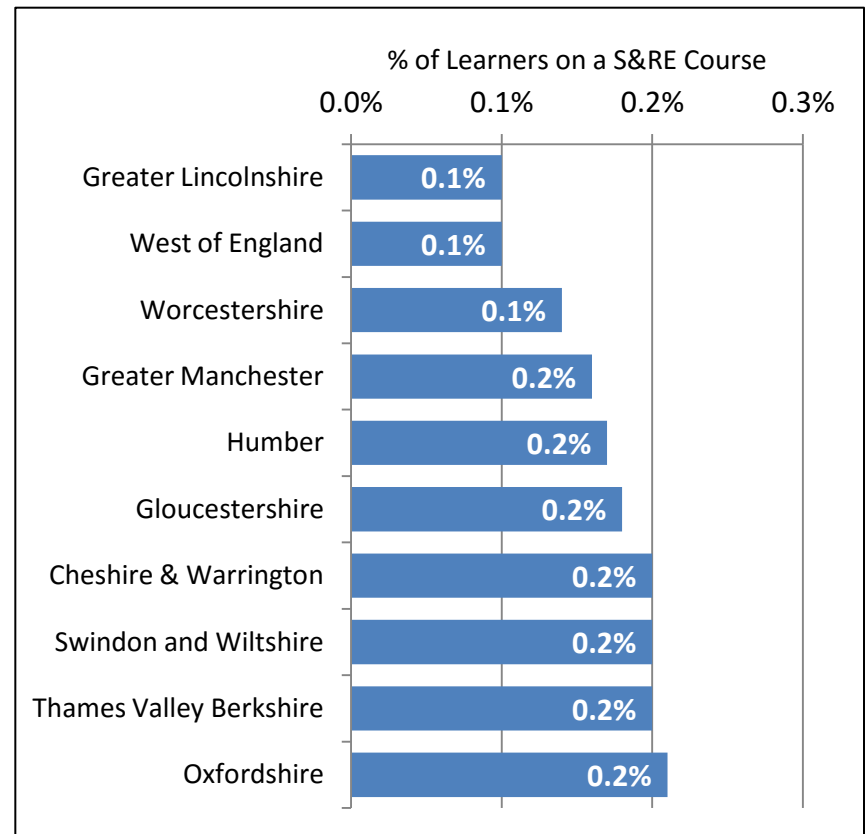
Adult Classroom Based Learning



Top LEPS



Bottom LEPS

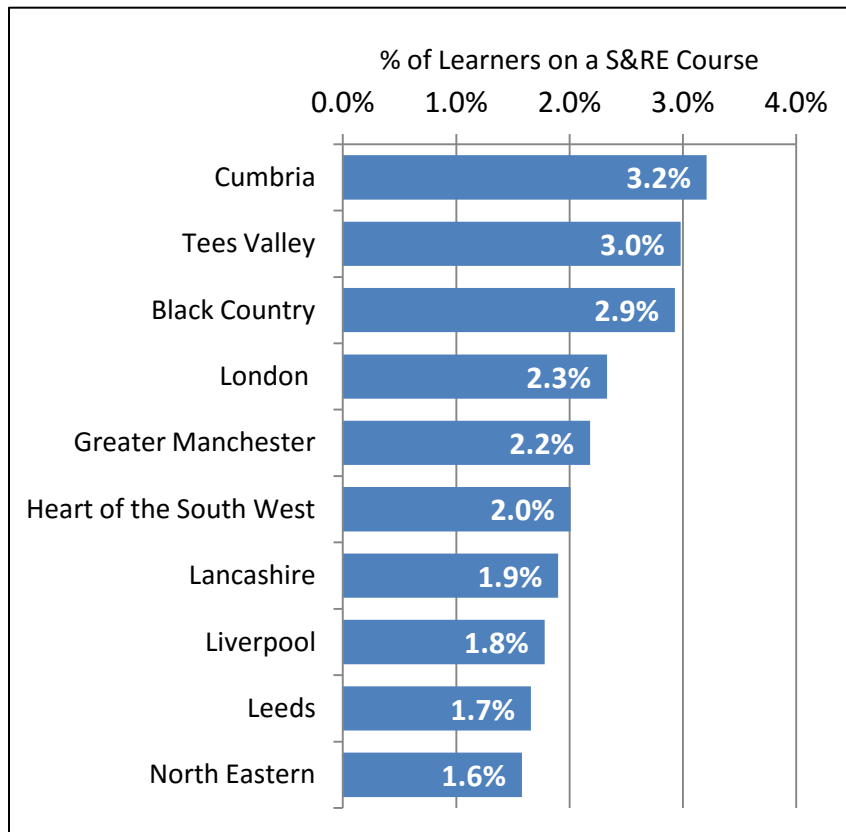


LEP Profile

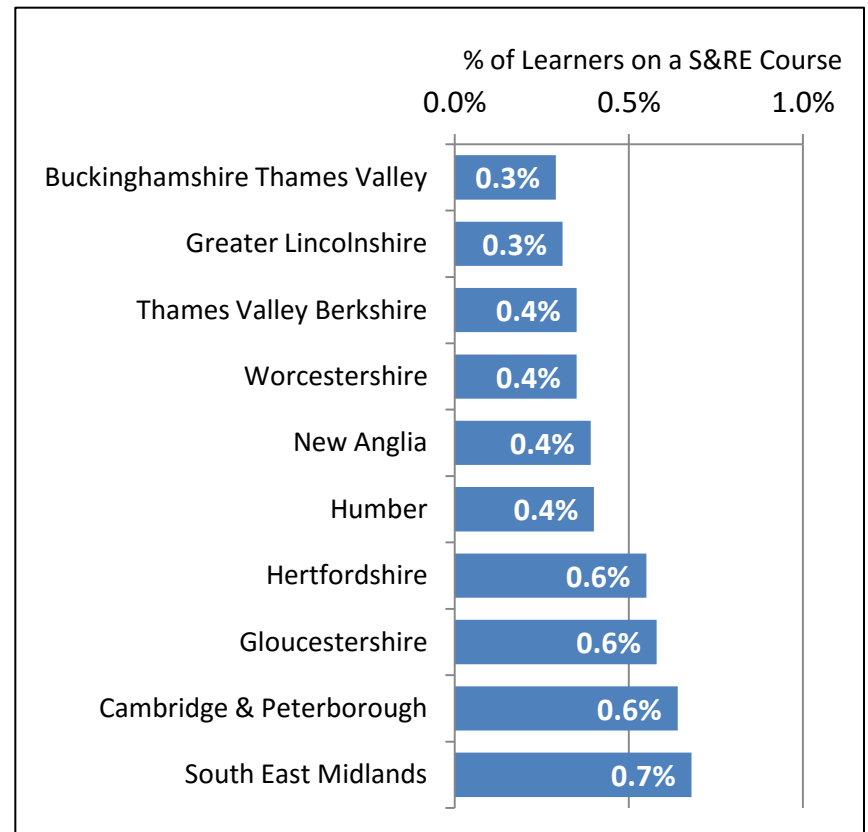
Adult Apprenticeships



Top LEPs



Bottom LEPs

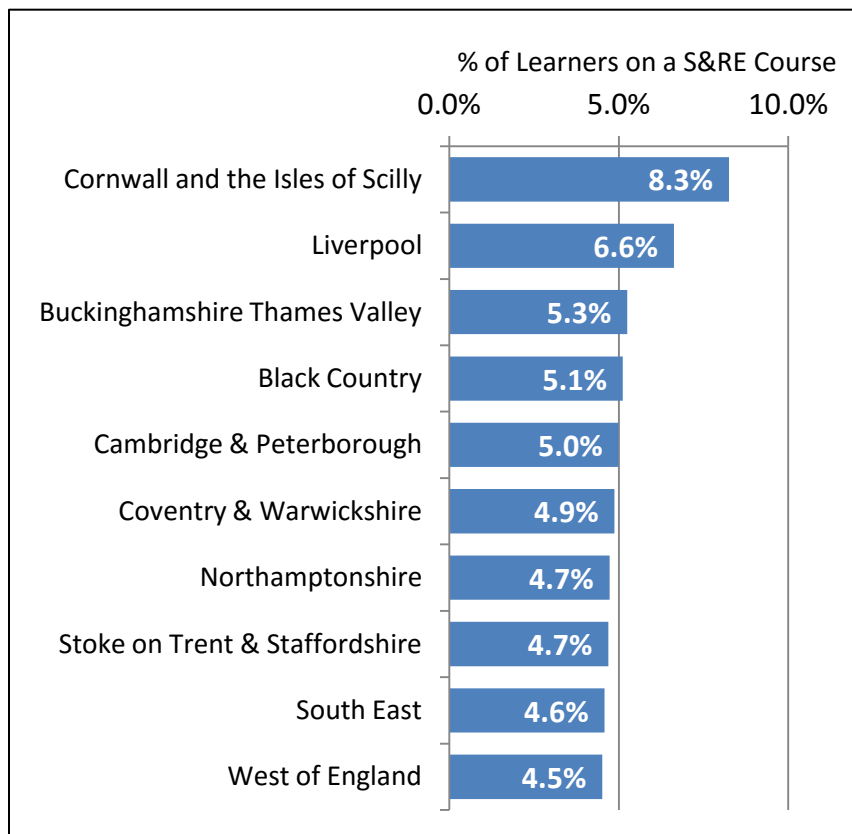


LEP Profile

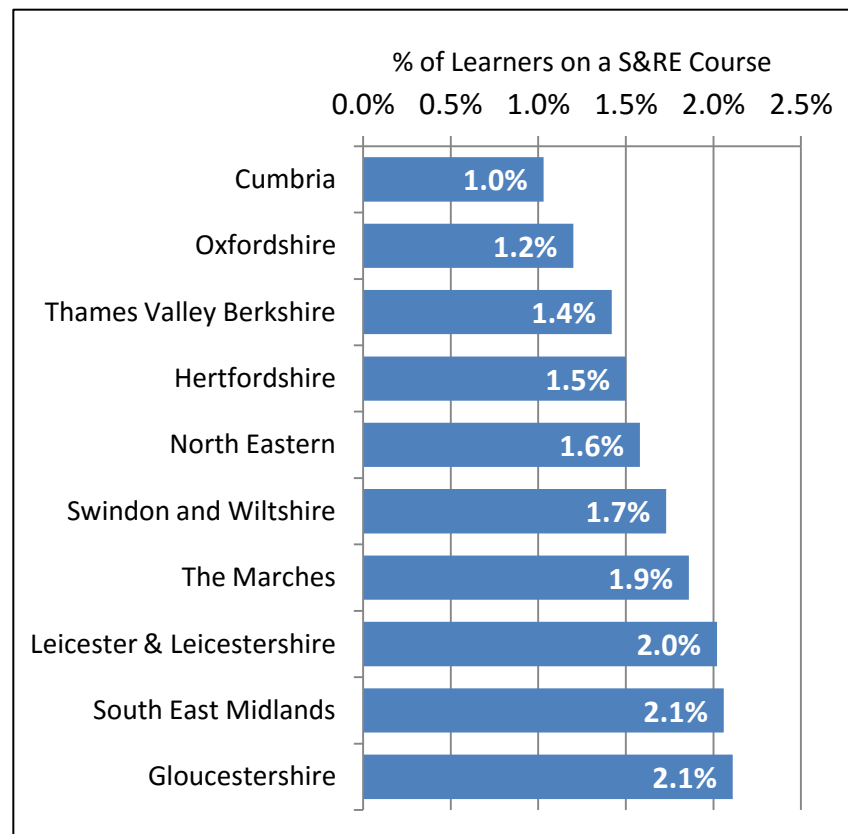
Adult Work Based Learning



Top LEPs



Bottom LEPs



Top Courses



16-18 Classbased Learning			
Level	Course Title	Number of Enrolments	Number of Colleges
Level 1	Award in Environmental Sustainability (QCF)	1460	16
Level 3	GCE AS Level in Environmental Studies	1220	43
Level 3	Extended Diploma in Countryside Management (QCF)	320	24
Level 3	GCE A2 Level in Environmental Studies	280	21
Level 3	GCE A2 Level Environmental Science	270	19
Adult Classbased Learning			
Level	Course Title	Number of Enrolments	Number of Colleges
Level 2	Diploma for Sustainable Recycling Activities (QCF)	590	6
Level 2	Certificate in Understand Insulation and Building Treatments	560	3
Level 1	Award in Sustainability Skills (QCF)	470	5
Level 1	Award in Environmental Sustainability (QCF)	460	21
Level 2	Award in Industrial Environment Awareness (QCF)	420	9

Top Courses



Adult Workbased Learning			
Level	Course Title	Number of Enrolments	Number of Colleges
Level 2	NVQ Diploma in Thermal Insulation - Fit Protection	390	4
Level 2	NVQ Certificate in Insulation and Building Treatments	280	8
Level 2	Diploma for Sustainable Recycling Activities	250	7
Level 2	Diploma for Sustainable Waste Management Operative	100	3
Level 2	Diploma for Sustainable Recycling Activities (QCF)	100	6

Top Frameworks



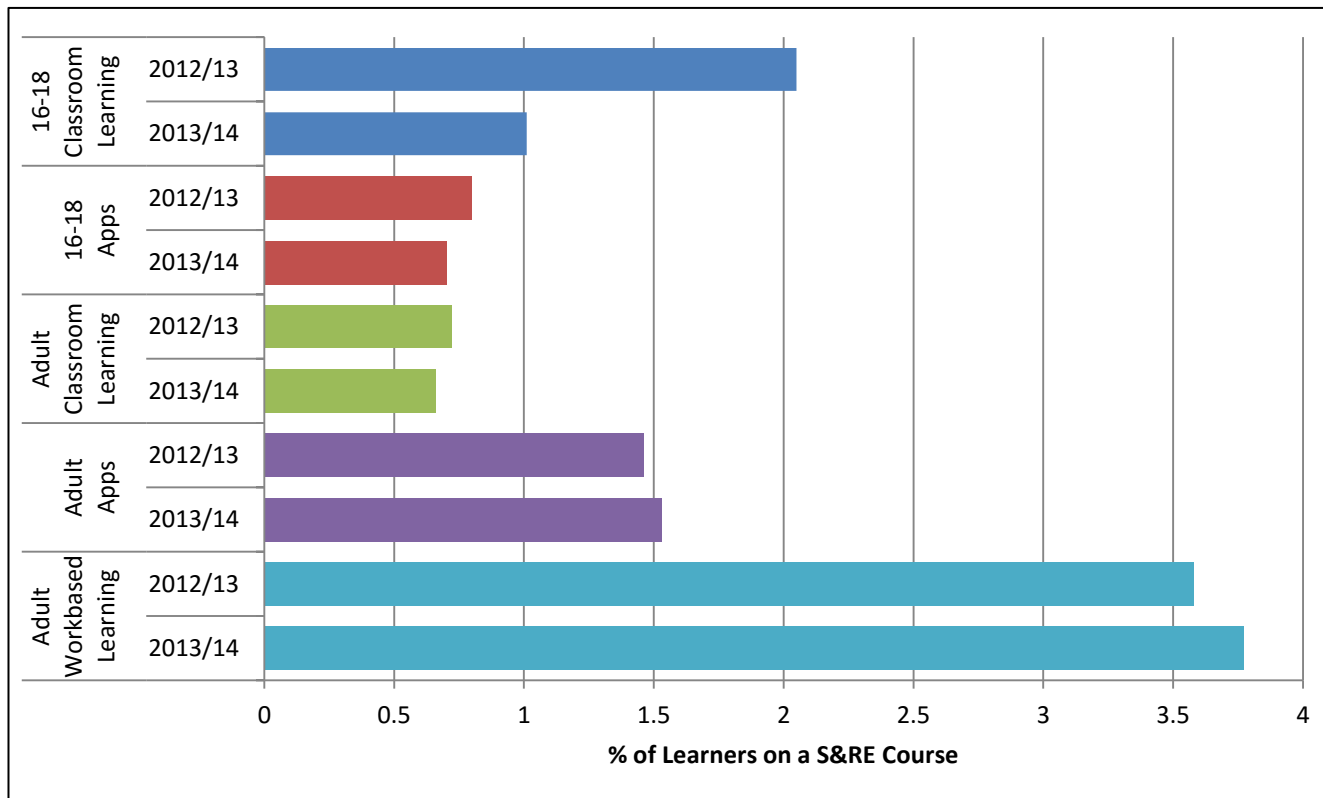
Adult Apprenticeships		
Framework Name	Apprenticeships	Number of Colleges
Cleaning and Environmental Services	4670	75
Sustainable Resource Management	3230	23
The Gas Industry	680	21
The Water Industry	480	2
The Power Industry	280	5

16-18 Apprenticeships		
Framework Name	Apprenticeships	Number of Colleges
The Gas Industry	440	17
Cleaning and Environmental Services	330	32
The Power Industry	170	4
Environmental Conservation	140	13
Sustainable Resource Management	80	14

Comparison between 2012/13 and 2013/14



- 244 Colleges have been included in the comparisons between 12/13 & 13/14.



Conclusion



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- There is a significant proportion of colleges offering 'Sustainability / Renewable Energy' courses.
 - There is a wide variety of courses at various levels.
 - The proportion of learners between 2012/13 and 2013/14 dropped for 16-18 year olds but increased for Adult Apprenticeships.