

Skills Capital – Overview of projects

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1. Selby College - Trailblazer

Due to the increasing complexity of automation deployed in both Food and Drink and Agri-tech industries there is an urgent demand for new and cutting-edge skills. This Trailblazer project will help meet this demand by delivering learning and skills on topics such as: strategy, maintenance management, information technology, mechanical engineering (and related technologies such as hydraulics, pneumatics and electronics). Trailblazer will also support the delivery of technical and higher-level skills and Apprenticeships.

2. Craven College - Electronics and Computing Laboratory

This project will provide a specialist workshop with the facilities, equipment and services required to deliver Electronic and Computing Engineering. It will be capable of delivering the curriculum at levels 2, 3 and 4 (HNC and Higher-level Apprenticeships) and will be a crucial factor with the College's delivery of Aviation Engineering at Leeds Bradford International Airport.

3. York College - Internet of Things

The 'Internet of Things' will help the College meet the growing demand for higher technical and professional skills in Information Technologies. It will enable delivery of the Foundation Degree in Computing Systems Design and Solutions plus the Apprenticeship standards in Software Development, Cyber Intrusion Analyst and Cyber Security Technologist.

4. Yorkshire Arboretum - Tree Health Centre

When operational the Tree Health Centre will up-skill the workforce on how to deal with critical tree health issues and deliver other urgently required skills such as agri-tech. There is an unprecedented increase in tree pests and diseases which need a rigorous and up-to-date legal Framework detailing competences and risk management. Not only will this important project put this into place it will also have a positive impact on all tree owners and stakeholders. Recent research confirms that there is a strong demand for specialised training in this area.

5. Derwent Training Association - RADAR2

RADAR2 (Responding to Apprenticeship Demand in our Area) is financially a small investment but it will have a significant impact. The project will allow the much used existing equipment and facilities to be updated and enhanced in order to provide excellent training by offering higher-level Apprenticeships and engineering NVQs at level 3.

6. Grimsby Institute of Further and Higher Education - ELITE Project

ELITE (Engineering, Logistics, Information Technologies and Enterprise) will provide vocationally specific accommodation to underpin the growth in high quality post-16 provision. This project will help service the needs of the 'opportunity coast' with both primary skills and further education. It will place a strong focus on key skills that are most in demand including: construction; engineering; manufacturing; cyber security; logistics; health and safety; hospitality; visitor economy; digital technology; creative and cultural; health and social care; childcare; and business skills.

7. East Riding College - Mechatronics

The facilities will be situated in Bridlington on the 'opportunity coast'; this specialised workshop will deliver training for urgently needed skills in engineering up to level 4. The workshop will also enable delivery of higher-level Apprenticeships. The College is a member of a unique partnership called 'HEAD into Engineering' that is tasked with developing a skills training pathway for students in school (Year 10) who wish to gain employment by achieving recognised College courses or Apprenticeships.

8. York College - Higher level Skills for Engineering

This skills training provision will help meet the growing demand for higher-level technical and professional skills in Engineering and Information Technologies. Not only will it revitalise training it will also add new programmes to the College's curricula such as - higher-level engineering, manufacturing, operations and maintenance. This skills offering will increase the take-up of higher-level Apprenticeships in these critical areas (at Levels 4 to 6).

9. Harrogate College – Facilities and New Building for Vocational Skills

The Harrogate Campus Consolidation Project is a critical scheme to safeguard the ability of Harrogate College to deliver high quality vocational education in the region. The project puts into place refurbishment and new facilities that will offer outstanding vocational pathways for approximately 1000 Learners per year along with provision for Apprenticeships. It is anticipated that the project will reduce local skills shortages and increase economic output in the Local Enterprise Partnership area.

10. Askham Bryan College – Agri-Engineering Centre

This is a state of the art engineering centre that provides high quality surroundings and facilities necessary for training provision and growth. It has given students the benefit of the latest technical developments. Because the facilities are of industry standards it helps ensure that Learners are also well informed on the future direction of their chosen specialisms. The centre will reduce local skill gaps in Advanced Engineering and assist Learners make the transition from training into employment.

11. Askham Bryan College – Agri-Tech Skills Centre

The project has constructed world class industry leading farm buildings that are at the cutting edge of agricultural technology practices. These facilities enable students on Agriculture, Animal Care & Countryside Management programmes to access to the latest farm management techniques and technologies. In turn, this enhances the student vocational experience and matches skills in line with employer requirements. Learners benefit at all levels from basic skills to higher education. The project has refurbished buildings to create a new Agri Tech Innovation Centre, built a National Beef Training Centre comprising of a Silage Clamp and also new Livestock Teaching buildings.

12. Selby College – Specialist Equipment

This project has provided specialist and industry standard equipment that ensures Selby College has the necessary resources to continue to train and develop Apprentices and students to the levels of expertise that employers demand. The equipment enables the delivery of technical and higher-level skills across the engineering and construction curricula, both of which are growing substantially in the Local Enterprise Partnership area.

13. Craven College – Animal Management Centre

With this project Craven College is extending its Aireville Campus to improve facilities and increase curriculum provision in Agriculture and Land-based studies. It will also further consolidate the College's accommodation to ensure that all students have access to the same services and support. Not only will this project benefit Learners and increase provision in specialised areas it will also serve to reduce costs and improve the long term financial sustainability of the College.

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