

Scottish Funding Council Annexe A

"If we collaborate for change – colleges, universities, students, employers and key interests - in an iterative way, we firmly believe we will bring forward better options for the future..."

- SFC Review of Coherent Provision

UNIVERSITIES

contribute **£1.94BN** through the export of education, research and commercialization, **EQUATING TO A 2.4% SHARE OF SCOTLAND'S EXPORTS.**



COLLEGES boost productivity for the economy by an estimated **£55,000 FOR EACH OF OUR 53,000 FULL-TIME COLLEGE GRADUATES** over the long-term.



9 OUT OF 10 students are **SATISFIED** with their **FURTHER EDUCATION EXPERIENCE.**



93% of graduates from Scotland's universities go on to **POSITIVE DESTINATIONS** in either work or study.

UNIVERSITIES ARE ON TRACK in achieving Scottish Government's **WIDENING ACCESS** targets.



57% of 16 year olds are predicted to study at **HIGHER EDUCATION** level by the age of 30.



£17M of funding allows employers to **ACCESS TRAINING AND DEVELOPMENT IN COLLEGES** to fill identified skills gaps, upskill and retrain their workforce.



OVER 93,000 of **COLLEGE ENROLMENTS** are linked to industry, **81,000** of which are **STUDYING AS PART OF THEIR OCCUPATION.**



UNIVERSITIES AND COLLEGES employ **62,000** people directly.

20,000 employers worked with **SCOTTISH UNIVERSITIES** through **KNOWLEDGE TRANSFER PARTNERSHIPS** in 2017/18.



100% of **SCOTLAND'S UNIVERSITIES** offered short, **BESPOKE COURSES** on campus before the pandemic.

In 2018-19, there were **1,239 ACTIVE SPIN OUT COMPANIES** from Scottish universities generating an **ESTIMATED TURNOVER OF £613M**, which is **19% OF THE UK TOTAL.**



In 2020-21 **OVER 850 EMPLOYERS AND 1050 SMES** were engaged via colleges, and **330 SMES** via the Open University in Scotland.

Graduate Apprenticeships are delivered by **14 UNIVERSITIES** to **OVER 1,100 STUDENTS.**

COLLEGES ARE THE BIGGEST DELIVERY agent of Modern Apprenticeships, **SUPPORTING 11,013 STUDENTS.**

94% of Scotland's universities had an **ENQUIRY POINT FOR SMES**



Number of employers accessing the Flexible Workforce Development Fund each year

Year	Number of employers
Year 1: 2017-18	687
Year 2: 2018-19	750
Year 3: 2019-20	737
Year 4: 2020-21	
Levy payers	693
SME (college)	772
SME (OUiS)	114

Annex A: Case Studies

Adult social care

To address workforce shortages in adult social care, SFC worked with the College Development Network (CDN) and the Care Strategy Steering Group across all colleges to develop a proposal for a national [Introduction to a Career in Socialcare](#) programme, using National Transition Training Fund (NTTF) funding. This was approved by the working group of Scottish Government, SFC and SDS, and funding of £830k was granted and activity commenced in Nov 2021. This project delivers a rolling programme of 6 week online courses, which are endorsed by SSSC, the regulatory body for social care in Scotland. This approach to Skills alignment was only possible through **SFC's participation in the SSSC workforce planning group with CDN and others from FE and HE**. The project will run for the duration of AY 2021/22 and aims to reach **1650-1800 individuals aged 25+ to provide them with the underpinning knowledge to enter the workforce as an adult social care assistant or undertake further study in college in this area**. Participants are also being supported with career guidance by college staff and will have the opportunity to progress directly into employment as employers have supported the programme nationally. Early indications are that there is significant interest from across the college sector in this approach and the Minister for Higher Education and Further Education, Youth Employment and Training, Jamie Hepburn, has highlighted and praised the joined up approach which could be replicated elsewhere in other sectors. There has also been interest from younger people aged under 25 for which colleges are utilising their Core Credits or YPG allocations to deliver the same content.

SRUC – Digital / innovation

In South-West Scotland, a digital dairy project led by SRUC is expected to generate an additional £60m a year for the region and aims to create 600 new jobs. Globally, the dairy industry produces around 3 per cent of greenhouse gases related to human activity. Funded through UKRI, the **Digital Dairy Value-Chain** will help decarbonise the industry, as well as helping to develop and retain a skilled and innovative workforce in the area to create new products and new ways of working. These will be special to the region but also globally relevant in best practices and changing the perception of dairy as a high-value product.

Working with partners operating in the region, including the University of Strathclyde, University of the West of Scotland, CENSIS, First Milk, Lactalis UK & Ireland, Kendal Nutricare, Cows & Co Group, National Milk Records and SmartSTEMS, the project will provide a platform for research and business innovation in advanced, high-value production and processing.

Bespoke upskilling and reskilling programmes

The University of Strathclyde has developed an approach to designing and developing bespoke programmes in collaboration with its industry and business partners to better meet their upskilling and reskilling needs. **FlexED** is an employer-

centred approach with a focus on flexibility. The programmes use Strathclyde's existing expertise across a range of disciplines and tailor them to the needs of individual employees, with learning outcome related to relevant professional body competencies. Programmes can be delivered online, blended, face-to-face on campus or in the workplace to suit the needs of employees and employers.

Regional collaboration to support economic growth

Regional collaboration in Ayrshire is a typical example of how our colleges and universities have been working together to support economic growth, civic responsibility and inclusion. The University of the West of Scotland (UWS) and Ayrshire College are strategic partners in the Ayrshire Growth Deal, supporting investment of over £251m in the economic infrastructure of the region. As part the growth deal they are also partners, with Glasgow and Strathclyde universities, in the new **Aerospace and Space Innovation Centre (ASIC)** created to drive new technologies and skills, positioning Ayrshire and Scotland as a hub of aerospace and space technology. The two institutions are also lead members of the Ayrshire Skills Group – together with SFC, SDS and the regions local authorities and employer groups – working in partnership to identify the current and long-term skills needs of the region and jointly develop and implement a regional skills investment plan. Building on their strong articulation links, the university and college are exploring immediate, medium and long-term skills needs in the region and, given the adjacent locations of each campus, have explored opportunities for effective sharing of space to maximise the impact for students in the region. The partnership approach extends beyond academia and onto the sports field. The ambitious collaboration between UWS, Ayr Rugby and the Ayr Community Rugby Trust sees the club further strengthen its relationship with the university enabling both parties to focus resources across a number of high priority areas including education, research, squad development, coaching and community inclusion. The University is partnering South Ayrshire Council in development of new sports facilities adjacent to the campus and has worked with the Council over recent years to facilitate development of the new Ayr Academy.

Dundee & Angus College & SFC's College Innovation Fund - the project at Dundee & Angus College will begin the journey of creating a Scotland wide fully functioning Electric Vehicle and Hybrid Training Centre (Centre of Excellence). The Training Centre will deliver high quality, innovative, industry standard accredited courses to ensure Scotland's Technicians and emerging Technicians are qualified to meet the needs of industry. It will influence wider Scottish Government priorities such as climate change, health and well-being and business sustainability.

The project will focus on the following:

- Informing the development of a Scotland wide Centre of Excellence;
- Creating a work-based training centre in partnership with industry and key stakeholders;
- Exploring and developing diverse learning and teaching approaches to suit fully qualified technicians, apprentices and core students;
- Designing, developing and piloting Hybrid and EV curriculum through IMI; and

- Developing a training pilot – training and assessing new and existing generation of auto technicians to become familiar with electric drive vehicles.

The team at Dundee & Angus College have been working closely with the Scottish Fire Service and have fully developed the Level 2 course for Emergency services and will be delivering this course to a possible 100 candidates. Staff delivering this project have also been invited to take part in the Scottish Fire Services training courses on approaches to vehicle collisions and the College will look to combine their electric vehicle course with this to offer a package.

Low Carbon Learning training programme - funded by SFC as part of the National Training Transition Fund (NTTF). Low Carbon Learning is delivered by the Construction Scotland Innovation Centre (CSIC) to help industry learn the construction skills of the future. It offers hands-on practical training, live webinars and online modules to gain in-demand skills in Passivhaus (a leading international design standard, reducing energy use from buildings and delivering high standards of comfort and health) and Retrofit and help businesses secure better contracts, mitigate redundancy and futureproof their skillset. It has supported over 500 people online and 100 face to face to upskill or reskill. P In October SFC expanded on the success of the programme with an additional £420k investment in Passivhaus training to cover retrofit systems.

Annex B: YPG and NTTF Sector Projects

Delivery partner	Project name	Cost £
NTTF activity		
Universities	Micro credentials	2m
Colleges	Skills Boost and Fast Track HNC	4.6m
CSIC – Napier University	Green construction and engineering skills - online	422,749
ESP – Dundee and Angus College	Net Zero construction and engineering	151,750
Strathclyde University and SRPE	Supporting Skills 4.0 - Aircraft decommissioning and electrification	280,000
NMIS - Strathclyde University	Supporting Skills 4.0 - Advanced Manufacturing	1.98m
SULSA - University of Glasgow	Life Science Lab Skills	190,286
Open University in Scotland	Adult social care career boost	93,060
CDN/CSSG	Introduction to adult social care	756,000
Total		10,473,845
YPG activity		
Colleges	Skills Boost and Fast Track HNC	9,117,000
Universities	Universities Graduate intern programme	3,500,000
University of Edinburgh	Universities Digital placements	135,000
Total		12,902,000