

The Innovation Centres: developing Scotland's skills base

From MScs to industry training to bootcamps



“IBioIC has taken the outstanding academic expertise in Scottish universities and linked it with the ground-breaking biotechnology industry. The next generation of highly-skilled and ambitious scientists will be recruited by companies, universities, forge new partnerships and set up new businesses.”

**Prof Dominic Campopiano, School of Chemistry,
University of Edinburgh**

Scotland's eight Innovation Centres (ICs) are committed to helping our economy and people to flourish and prosper. One way we do this is skills development.

In our diverse sectors, we work with industry, universities, colleges and skills bodies to fill skills gaps, develop industry-ready talent and help businesses achieve their growth ambitions.

Results include:

- custom-built HN, MSc, PhD and EngD programmes
- MSc scholarships, attracting the best and brightest to industry-relevant courses
- industry placements and projects
- internships
- training for those already in our sectors – from data science bootcamps to aquaculture management training.

And much else besides – all with the aim of helping businesses to innovate and grow, and boosting Scotland's success in key sectors.

Scotland's eight Innovation Centres operate across key sectors where Scotland can be world-leading. Their common aim is to help businesses large and small to increase the pace of innovation – and in turn to help Scotland's economy and people to prosper.

The programme is funded by the Scottish Funding Council, with support from Scottish Enterprise and Highlands & Islands Enterprise.

For more information, or to find out if we could help you innovate, visit <http://www.innovationcentres.scot>

Skills Development in Action



Industry first for new managers

Skilled, motivated staff are integral to the continued growth of the Scottish aquaculture sector.

So when leading producers identified a need to better support first-time managers, the Scottish Aquaculture Innovation Centre (SAIC) worked with industry to appoint training provider Fife College and, together, tailor a course.

Covering six key themes over two days, 'Managing and Leading the Team' launched in 2016, sharing techniques and approaches that first-time managers can immediately put into practice in the workplace to help them deal with day-to-day operations.

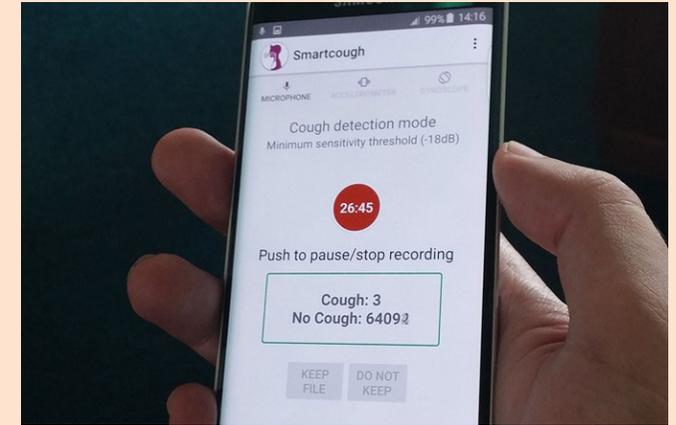


Creating a nation of data scientists

Scotland needs many more people with the skills to manipulate and analyse data. The Data Lab has created a wide-ranging skills programme to train these new generations of data scientists.

As well as funding MSc, PhD and EngD places across a number of Scottish universities, and organising industry placements for students, it delivered a three-week Data Science Boot Camp in 2016.

This upskilled attendees from businesses and other organisations into bona fide data scientists – able to use data analysis to drive insight and decision-making across Scottish industry, and feed into business growth.



Improving digital literacy in health and care

The Digital Health & Care Institute's skills development model is aimed at improving the digital literacy of the health & care workforce in Scotland. This will allow for speedier and more successful adoption of digital technologies.

The Innovation Centre's initial three-year period saw 5,000 patients, carers and clinicians upskilled in the use of digital technologies as part of its portfolio of 105 innovation projects.

This has ranged from hundreds of paramedics being trained in the use of point of care digital blood analysers, to citizens being equipped and trained to use lifestyle wearables to help detect early signs of frailty.