

UPDATE



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ADVANCED MANUFACTURE CONFERENCE

On 31st January ESP held an Advanced Manufacture conference at Forth Valley College in Stirling which was attended by a wide array of college staff and technology partners and included workshops and presentations on Industry 4.0 technology and also areas including BIM and Robotics as well as other topics.



TRANSPORT SCOTLAND
CÒMHDHAIL ALBA

ESP have been successful in securing funding of £54,600 from Transport Scotland to work with the Automotive Training Network to establish a Ultra Low Emission Vehicles (ULEV) training across Scotland.

The funding will be used to establish a programme of college staff CPD to support government priorities and develop appropriate learning and teaching resources/courses to support industry's skills needs. ESP will support Transport Scotland in their promotion ULEV technologies with a focus on Independent Garages.

Plug-in-Electric/Hybrid vehicles, simulators (including Cloud based learning) and a range of ULEV component parts and tools will also be purchased and strategically placed at colleges around Scotland to be used as shared resources training for colleges.

SWITCHED ON SCOTLAND

ULEV INNOVATION & APPLICATION IN SCOTLAND

Join Energy Saving Trust and other experts at Dynamic Earth, Edinburgh on 13 March 2019 for Switched on Scotland Forum

supported by Transport Scotland. This free conference will bring together a diverse agenda of individuals and organisations leading the charge towards greener transport in Scotland.

The day will celebrate Scotland's achievements in electrifying transport, and provide a view into the future for electric vehicles and the wider transport industry.

Register at: <https://www.energysavingtrust.org.uk/scotland/businesses-organisations/transport/switched-on-scotland#anchor-point-register-form>

ADVANCED MANUFACTURE TRAINING NETWORK



Jamie Hepburn, Minister for Business, Fair Work and Skills launched the Advanced Manufacture Training Network (AMTN) that was established by ESP and its college members in response to the priorities identified by the Engineering and Construction Strategy Groups and following the publication of the Manufacturing Action Plan (MAP).

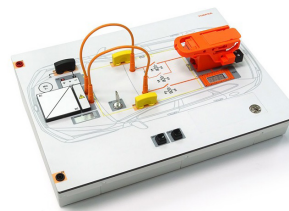
ADVANCED MANUFACTURE COLLEGE CPD DAY

On 1st February an Advanced Manufacture CPD day was held for college staff. Companies including AECOM, Keppie Design, OMRON, FARO and Mechatronics Ltd held workshops and demonstrated some of the technology being used today in advanced manufacturing and Industry 4.0.

The day proved to be a great success and proved to be very useful and informative for the 52 college staff from 13 colleges who attended the workshops.

ELECTUDE

ESP have purchased 8 Electude High Voltage Safety Interlock Trainer Modules. These modules offer the opportunity to practice the manufacturer procedures required by law to safely isolate ULEV vehicles.



The Modules will be placed in colleges as a shared resource for all thirteen colleges with Automotive departments across the regions.

Electric & Hybrid vehicle refresher training

ESP in partnership with Glasgow Clyde College and West College Scotland held an electric & hybrid vehicle refresher training event on 1st March for staff with an existing L2 or L3 Electric Vehicle Qualification. The training was attended by staff from 6 different colleges.

Safe Working with Electric Vehicles Events

Safe Working with Electric Vehicles (SWEV) events are also being scheduled with the first taking place on 28 March, at Edinburgh College. This will be followed up by a wider launch event in Dundee, which has the proposed date of 9 May 2019.

A FOCUS ON CONSTRUCTION SVQ DELIVERY



On 13th February ESP invited college lecturers that are involved in the delivery of adult construction modern apprentices completing June 2019 to attend a workshop on external verification requirements. This was held due to Colleges requesting additional guidance and an opportunity to discuss external verification. John Carr from South Lanarkshire College kindly agreed to run the informal workshop which was attended by 36 college staff.

IET The Institution of Engineering and Technology



The national IET FIRST® LEGO® League UK and Ireland final took place in Bristol on 16th February with more than 150 school pupils taking part.

The event was the largest ever final where teams were tasked to explore, design, build and program an autonomous LEGO® Mindstorm robot to solve a series of space missions and to research a real life problem and come up with a solution, while demonstrating FIRST® core values such as teamwork and inclusion.

6 Scottish Teams attended the final with Stewarton Academy STEM Stormers from Ayrshire College's regional tournament ranking 1st in core values allowing them to now compete in the International finals in Turkey in May. Team GLIC from Wallace Hall Academy in Dumfries & Galloway, and West Lothian College's regional champion, also had success winning the Judges Award and highest scoring Scottish team and will travel to Detroit to represent Scotland in the FIRST® Championship.

A special mention goes to Linciate School, Lews Castle College regional champion, who travelled from Isle of Benbecula in the Outer Hebrides to participate in the Bristol event and despite some travel delays managed to attend and had a fantastic experience competing along with all the teams.



STEM LEADS FORUM

ESP have had numerous requests from STEM Hub Leads to host a cross college planning meeting/workshop.

Based on this a STEM Hub meeting has been organised for 22nd March at Argyll Court, Stirling.

STEM leads have been contacted directly but queries should be directed to wendy.findlay@esp-scotland.ac.uk

LAUNCHED 7th MARCH OFFSHORE WIND SECTOR DEAL

ESP, Scottish Renewables, and RenewableUK have written (on behalf of the Sector Deal Skills Group) to Scottish Government offering industry's support to Scotland's objectives and ambitions for skills and people as part of the Offshore Wind Sector Deal.

The letter states that as skills is a fully devolved issue the sector is determined to ensure that they work alongside the Scottish Government to the implementation phase of the Sector Deal.

The letter recognises the principles and objectives stated within the Scottish Government Energy Strategy and acknowledge the importance of the Sector Deal and the requirement for the skills plan alignment.

WIND & MARITIME training network

In response to the Offshore Wind Sector Deal and the planned offshore wind developments in Scotland ESP is expanding its Wind and Marine Training Network and are hosting a strategic planning event on 25 April at Fife College.

Glasgow Kelvin College Innovation Centre



Glasgow Kelvin College was delighted to welcome the Deputy First Minister, John Swinney MSP, and ESP Scotland to its Springburn Campus this week to celebrate the launch of its new Kelvin Innovation Centre.

The new state-of-the-art centre's key purpose is to encourage project-based experimentation by students researching into advanced and sustainable technologies, equipping them with much more than high-quality vocational skills. It is intended to encourage the problem-solving, team working and project management skills which are very much in demand by today's employers.

The Deputy First Minister took time to chat with students and staff at the well-attended and successful event.

iHR ESP recently purchased additional Immersive Hybrid Reality (iHR) mobile units. These kits have now been allocated to our partner ORE Catapult, Ayrshire, Dumfries & Galloway, Fife, Dundee & Angus and North East Scotland colleges where the kits will be available for all colleges providing a more accessible and greatly improved geographic spread.

Contact details on how to book the kits will be made available to all colleges shortly.



Colleges Scotland, ESP and the practitioners group still have ongoing discussions regarding the CIBT contract for the delivery of the VQ element.

A meeting took place with Scottish Government, SDS and SFC on 4th March and an update will follow at the forthcoming Construction Strategy Group on 28 March.

energy saving trust



Scottish Government Riaghaltas na h-Alba gov.scot

ESP is working in collaboration with Energy Savings Trust and Scottish Government to develop a Skills Framework relating to energy efficiency. In February the Energy Efficient Scotland Quality and Skills Working Group was established to determine current and future Energy Efficiency skills needs through:

1. Reviewing current renewable and energy efficiency qualifications and mapping minimum competency standards.
2. Enhancing the uptake of renewable and energy efficiency qualifications.
3. Creating a wider provision of renewable and energy efficiency training within the college sector.
4. Identifying skills gaps and recommending changes as necessary.

EVENTS AND CONFERENCES

15 March 2019, Glasgow	ESP - Beckhoff, Introduction to PC's in Control & Industry 4.0 seminar
20-21 March 2019, Glasgow	Scotland Build
19-20 March 2019, Aviemore	Academy9 Conference: Building a Legacy
23 April 2019, Stirling	CDN, College Cyber Security Conference
30 April 2019, Fife College	Introduction to Additive Manufacture Technology with Angus 3D Solutions
15-16 May 2019, Glasgow	All Energy 2019
24 May 2019, Fife College	IET FIRST® LEGO® League JR EXPO

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