

PROJECT FUNDED BY:



Scottish Government  
Riaghaltas na h-Alba

# TCEP

TAY CITIES ENGINEERING PARTNERSHIP

ENGINEERING TAYSIDE'S FUTURE

# ANNUAL REPORT 2026

## INTRODUCTION

Over the past year, Tay Cities Engineering Partnership (TCEP) and the Engineering Partnership Innovation Centre (EPIC) have continued to translate strategic ambition into measurable impact across education, industry engagement and skills development.

Building on the strong foundations established since launch, activity has evolved from initial engagement into sustained, repeatable programmes that are embedding engineering more deeply within the Tayside ecosystem.

EPIC has matured into a focal point for regional collaboration, operating not only as a facility, but as an active interface between education and industry. It enables the effective exchange of knowledge, tools and expertise, ensuring that both learners and businesses benefit from direct exposure to modern engineering practices and emerging technologies.

## MEET THE PARTNERS

UHI | PERTH



## OUR PURPOSE

### MISSION



At TCEP, our mission is to drive forward the growth and development of the local engineering and advanced manufacturing sector across the Tayside region.

### AMBITION



Our ambition is to encourage the people of Tayside to embrace engineering. As a growing sector, engineering is full of exciting opportunities that are waiting to be discovered.

### GOAL



Ultimately, our goal is to make this ground-breaking industry as appealing and easily accessible to individuals and businesses as we can.

Whether that's supporting young people to choose engineering as their career path through hands-on experiences, helping businesses to adopt new technologies and upskill their staff to improve efficiency, or providing technical support to enterprises during their research and development stages.

[FIND OUT MORE HERE >](#)

## PROGRESS TOWARDS 2030 TARGETS

- **600M<sup>2</sup> ENGINEERING & ADVANCED MANUFACTURING CENTRE (EPIC) DELIVERED & FULLY EQUIPPED**
- **PRODUCT INNOVATION LAB (PIL) CREATED, WITH TWO COMPANIES ENGAGED TO DELIVER PROJECTS (MAY 2026)**
- **10,000 PUPILS ENGAGED TARGET ACHIEVED**
- **50 COMPANIES ACCESSING DEMONSTRATOR SPACE BY 2030 TARGET ACHIEVED**
- **SCOTTISH MANUFACTURING ADVISORY SERVICE CONTINUOUS IMPROVEMENT WORKSHOPS DELIVERED IN ARBROATH AND PERTH**
- **5 JOBS CREATED THROUGH TCEP TARGET ACHIEVED**
- **10 NEW INDUSTRY-SPECIFIC COURSES  
7 OF 10 DELIVERED, ON TRACK FOR COMPLETION BY 2030**
- **£500,000 IN-KIND SUPPORT SECURED  
OVER 73% ACHIEVED**
- **3% TURNOVER INCREASE FOR COMPANIES ENGAGING WITH TCEP  
ON TRACK FOR DELIVERY BY 2027**
- **MOBILE ENGINEERING UNIT SCHEDULED FOR DELIVERY SEPTEMBER 2026**
- **15% INCREASE IN FEMALE PARTICIPATION IN D&A ENGINEERING COURSES  
FIVE TARGETED ENGAGEMENT EVENTS DELIVERED DURING 2025/26  
SEPTEMBER 2026**





## NEW COURSE DEVELOPMENT

**Working with partners, we have created and launched:**

- Intro to Automation and Cobots
- Intro to CAD and 3D Printing
- Intro to CNC Machining
- PDA in Advanced Manufacturing
- Composites Course
- Additive Manufacturing

These courses have been designed to align closely with industry requirements, equipping learners with practical, transferable skills in key areas such as automation, digital manufacturing and advanced production techniques.

# EPIC – ENGINEERING PARTNERSHIP INNOVATION CENTRE

Hosted by Dundee & Angus College at the Arbroath Campus, EPIC continues to play a central role in supporting collaboration between education and industry across the region.

More than a physical space, EPIC operates as a dynamic environment where learners, educators and businesses can engage directly with modern engineering technologies and practices.

## At EPIC, users benefit from:

- Workforce development and training support
- Modern engineering equipment
- Hands on learning experiences
- State of the art facilities
- Industry collaboration and expertise



## EVENTS

### PRIMARY & STEM OUTREACH

#### **STEM EXPO 2026 – DUNDEE SCIENCE CENTRE (FEBRUARY 2026)**

STEM Expo welcomed approximately 500 primary and secondary pupils from Dundee and Angus, providing an engaging introduction to science, technology, engineering and maths through hands-on activities and interactive exhibits.

#### **UHI PERTH & GOODLYBURN PRIMARY COLLABORATION (JUNE 2025)**

A collaborative STEM placement enabled a Perth High School student to design and deliver a Lego-based engineering activity for primary pupils, promoting early engagement and hands-on learning.

### SECONDARY SCHOOLS & STUDENT ENGAGEMENT

#### **ANGUS TRAINING GROUP STEM EVENT (FEBRUARY 2026)**

Pupils from Blairgowrie High School took part in practical STEM activities designed to build awareness of engineering pathways and career opportunities.

#### **D&A LEGO LEAGUE TOURNAMENT (MARCH 2026)**

Seventeen schools from across Scotland participated in this global STEM programme for young people aged 9–16. The event encouraged creativity, teamwork and problem-solving through real-world engineering challenges.

## EVENTS

### INDUSTRY ENGAGEMENT & TRAINING

#### **COBOT TRAINING – RAMSAY’S LADDERS & THE WHEEL GROUP (SEPTEMBER 2025)**

Nine attendees participated in training focused on improving productivity through automation.

#### **COBOT TRAINING – ABBOTT LABORATORIES (DECEMBER 2025)**

Nine staff members received training to support the integration of automation technologies.

#### **COBOT WELDING TRAINING – D&A STAFF (JANUARY 2026)**

Seven staff members completed specialist training to support delivery of advanced manufacturing education.

#### **UHI PERTH CEED EVENT (FEBRUARY 2026)**

Cobot technology was demonstrated to over 50 local businesses, with more than 200 attendees exploring the benefits of automation in modern manufacturing.

#### **ABBOTT LABORATORIES ENGAGEMENT (MARCH 2026)**

TCEP worked with Abbott Laboratories to explore bespoke training solutions aimed at improving operational efficiency and workforce capability.

### BUSINESS COLLABORATION & PROJECTS

#### **TOLL HOUSE SPIRITS (NOVEMBER 2025 – ONGOING)**

Engineering solutions are being developed to improve production processes and operational efficiency, with direct input from students and staff.

#### **LISLE DESIGN (NOVEMBER 2025)**

Engagement focused on identifying opportunities for automation and continuous professional development to enhance workforce efficiency.

# EVENTS



## BUSINESS EVENTS

### Scottish Manufacturing Advisory Service Continuous Improvement Workshops

Delivered in Arbroath and Perth, these workshops supported business leaders in improving productivity, efficiency and operational performance within a fast-paced manufacturing environment.

## IMPACT HIGHLIGHTS

TCEP's collaborative approach continues to deliver measurable benefits for both industry and education.

- **Ramsay's Ladders:** Introduction of cobot welding technology to improve efficiency and productivity
- **Abbott Laboratories:** Exploration and integration of robotics and automation to enhance operational performance and safety
- **Toll House Spirits:** Student-led engineering solutions delivering real-world improvements in production capability

These examples demonstrate the value of applied learning, where education and industry work together to deliver practical, results-driven outcomes.



## TIMELINE

- **September 2025** – Cobot training delivered to Ramsay’s Ladders and The Wheel Group
- **November 2025** – Toll House Spirits project begins
- **November 2025** – Lisle Design engagement on automation and CPD
- **December 2025** – Cobot training delivered to Abbott Laboratories
- **January 2026** – Cobot welding training delivered to D&A staff
- **February 2026** – STEM Expo and UHI Perth CEED event
- **March 2026** – LEGO League Tournament and Abbott Laboratories visit
- **June 2026** – UHI Perth STEM placement and school collaboration

## LOOKING AHEAD

**Building on the progress made this year, TCEP will continue to strengthen its role as a driver of regional growth & skills development.**

Key priorities include:

- Scaling industry collaboration across the region
- Increasing the number of live project opportunities for learners
- Further developing EPIC as a demonstrator environment for advanced manufacturing and automation
- Expanding engagement with schools and communities

In addition, a new Mobile Engineering Unit will be introduced in September 2026. This will extend TCEP’s reach into local communities, providing greater access to engineering experiences and showcasing opportunities available through TCEP and EPIC.

robot

**TCEP**

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**TO LEARN MORE ABOUT TCEP, EPIC, AND  
HOW TO GET INVOLVED: VISIT: [TCEP.SCOT](http://TCEP.SCOT)**

**INFO@TCEP.SCOT | 01241 432614**