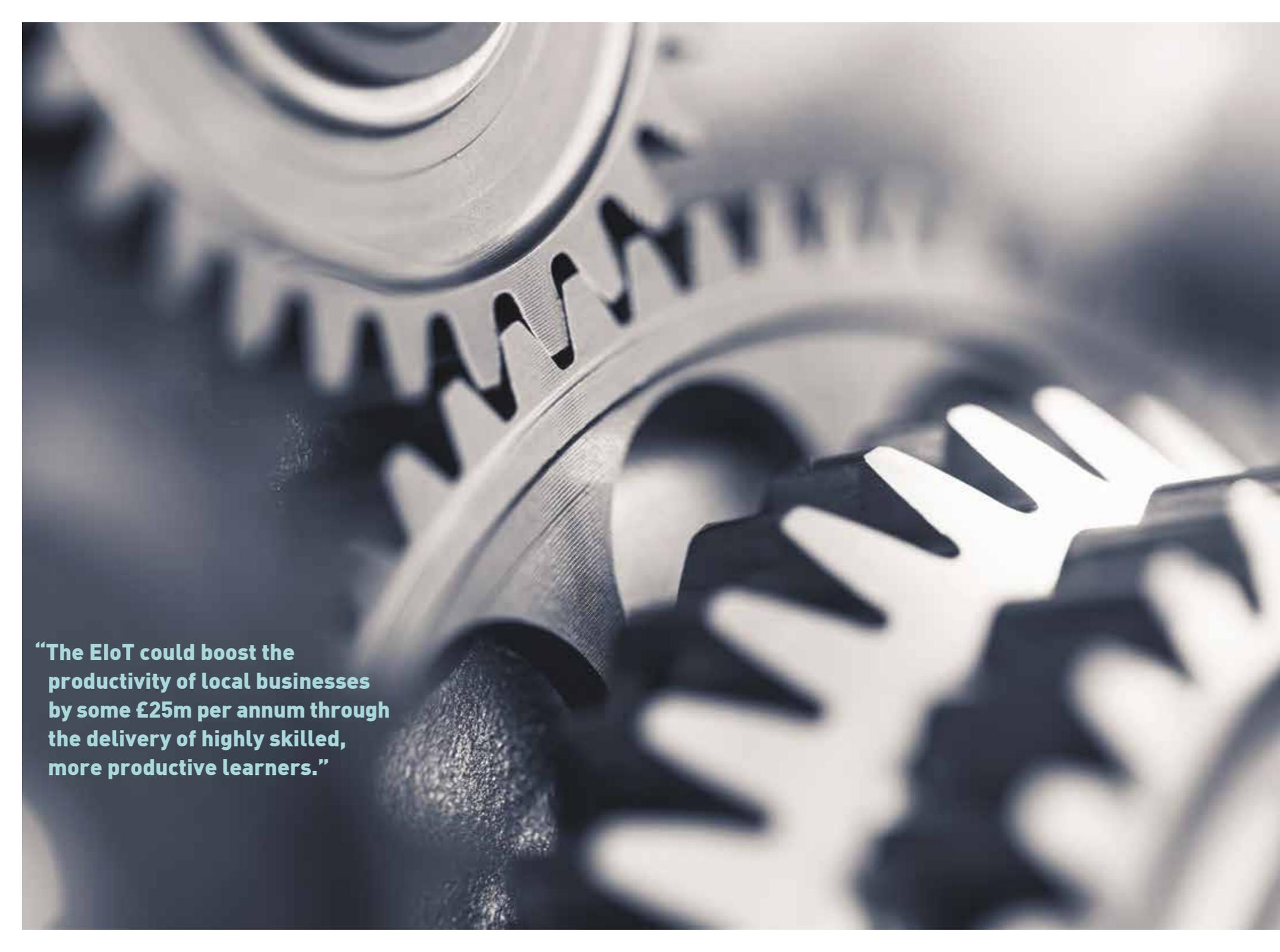




# EIOT

**EASTERN INSTITUTE  
OF TECHNOLOGY**

Training a region fit for the future



**“The EloT could boost the productivity of local businesses by some £25m per annum through the delivery of highly skilled, more productive learners.”**

## **What is the Eastern Institute of Technology?**

### **Training a region fit for the future.**

The bid to establish the Eastern Institute of Technology (EloT) is a visionary and prestigious project. It is led by West Suffolk College and New Anglia Local Enterprise Partnership (LEP), in close collaboration with further and higher education providers and employers from the Eastern region (as listed on page 4). It is part of a government competition process to establish new Institutes of Technology across the UK, to help meet productivity challenges and increase efficiency as set out in the Government’s Industrial Strategy.

The EloT will create a skills pipeline, drawing local people into higher level technical careers through the offer of attractive and aspirational career pathways and help with social mobility through unlocking and enabling potential. This will provide the East’s higher-value advanced manufacturing, agri-tech, engineering, energy, science and digital businesses with a reliable and sustainable supply of technical professionals.

The bid builds on the strengths of the East’s competitive clusters and addresses the identified skills requirements for business in these sectors.

The East is one of the UK’s fastest growing economies with global strengths in areas that are essential for national growth, including energy, ICT/digital, science and agri-tech. All of these sectors are expanding very fast but do not currently have the skilled staff available to support this growth. Therefore, to address this skills gap, the EloT will be developed to ensure that it meets the needs of employers and the identified skills gaps in future provision.

This will be achieved through the rigorous development of theoretical knowledge required of higher skilled professionals and the practical, employment skills needed for graduates to step into the workplace and be immediately effective professionals.

Achievement will be through innovative learning in real-work environments, supported by the use of latest technology industry standard equipment and resources.

## We are very proud to confirm the following businesses and education partner supporters:

### Lead

West Suffolk College

### Founding Colleges

The College of West Anglia

Easton & Otley College

### Anchor Colleges

Suffolk New College

West Suffolk College

### Universities

University of East Anglia

University of Suffolk

### College specialisms

**West Suffolk College** - digital technology, energy, construction, engineering, agri-tech, life sciences and biotech

**College of West Anglia** - engineering, manufacturing and agri-tech

**Suffolk New College** - cyber, digital and electronic engineering

**Eastern and Otley College** - agri-tech, construction and engineering

### Significant Partners

New Anglia Local Enterprise Partnership

Cambridgeshire and Peterborough Combined Authority

Norfolk County Council

Suffolk County Council

### Anchor Employers

ARM

Autodesk

Bosch Rexroth

BT

CEFAS

Cranswick Foods

Dayle Bayliss Associates

EDF Energy

Lintott Control Systems

Morgan Sindall

Pearson

Treatt

University of Cambridge ICE

Vitec Group

Warren Services

\* Correct at time of print October 2018. See our website for the very latest information



“The EIoT is expected to have a **£370m net economic benefit for the region by supporting learners into high-skilled work.**”

## What will it mean for employers?

The bid has been developed in partnership with key national and international employers from across our key sectors, including ICT, digital, science and agri-tech industries. It addresses their specific needs for higher level technical skills, now and in the future. It is an ambitious model for success, which puts businesses at the heart of it. EIoT will address chronic skills shortages in our IT industries and provide highly trained people in the skills employers need and want. It is a win, win. Employers will shape, lead and support delivery of the training offered by the EIoT.

The EIoT will serve an economy, that spans across Norfolk, Suffolk and Cambridgeshire through a unique model that will enable delivery in rural and hard-to-reach communities. The employer led curriculum will be flexible and responsive to future needs, building on the existing excellent track record of provision. The LEP Sector Skills Plans have played a vital role in helping to shape the EIoT proposal ensuring that it is built on identified clear skills needs of the sectors.

The EIoT will specialise in providing high quality, high level collaborative training. It will capitalise on the foundations laid through investment in infrastructure and provision, including:

- £8million in an advanced innovation and engineering centre at West Suffolk College, Bury St Edmunds
- the recent £540,000 investment in state-of-the-art engineering and welding facilities at Suffolk New College, Ipswich
- £5.8m in Engineering at The College of West Anglia, King's Lynn.

In addition, the University of Cambridge, the University of East Anglia and the University of Suffolk, the leading universities in the region, are all on board.

## What will it mean for prospective students?

The EloT will enable students to access high quality technical education and training without needing to leave the region. This will be achieved by delivering high quality technical training in both urban and rural areas. In areas across the region with high levels of unemployment and deprivation, this will be transformational.

The EloT will open up real opportunities for local people to be offered jobs with clear career routes into rewarding and exciting careers. As the EloT curriculum will be shaped by employers, the learning experience will entirely be rooted in industry like no other educational offering and be on par with academic routes.

The training that will be offered will be post 16 education, including part and full time degrees, higher national certificates, diplomas and higher apprenticeships. The employer focused curriculum will ensure students have access to excellent local job opportunities, workplace learning and high quality, higher level training in skills that industries critically need, using high-end, industry-specification resources and facilities.

**“Learners entering the EloT can expect to earn up to 18% more – currently equivalent to an additional £100 per week – than peers who do not pursue a similar qualification.”**



## What will it mean for people of this region?

The EloT is being created in partnership with businesses from energy, ICT/digital, engineering, advanced manufacturing, agri-tech, construction and leading education providers, the collaborative nature of the project is its strength. Ours is the only bid from the Eastern Region.

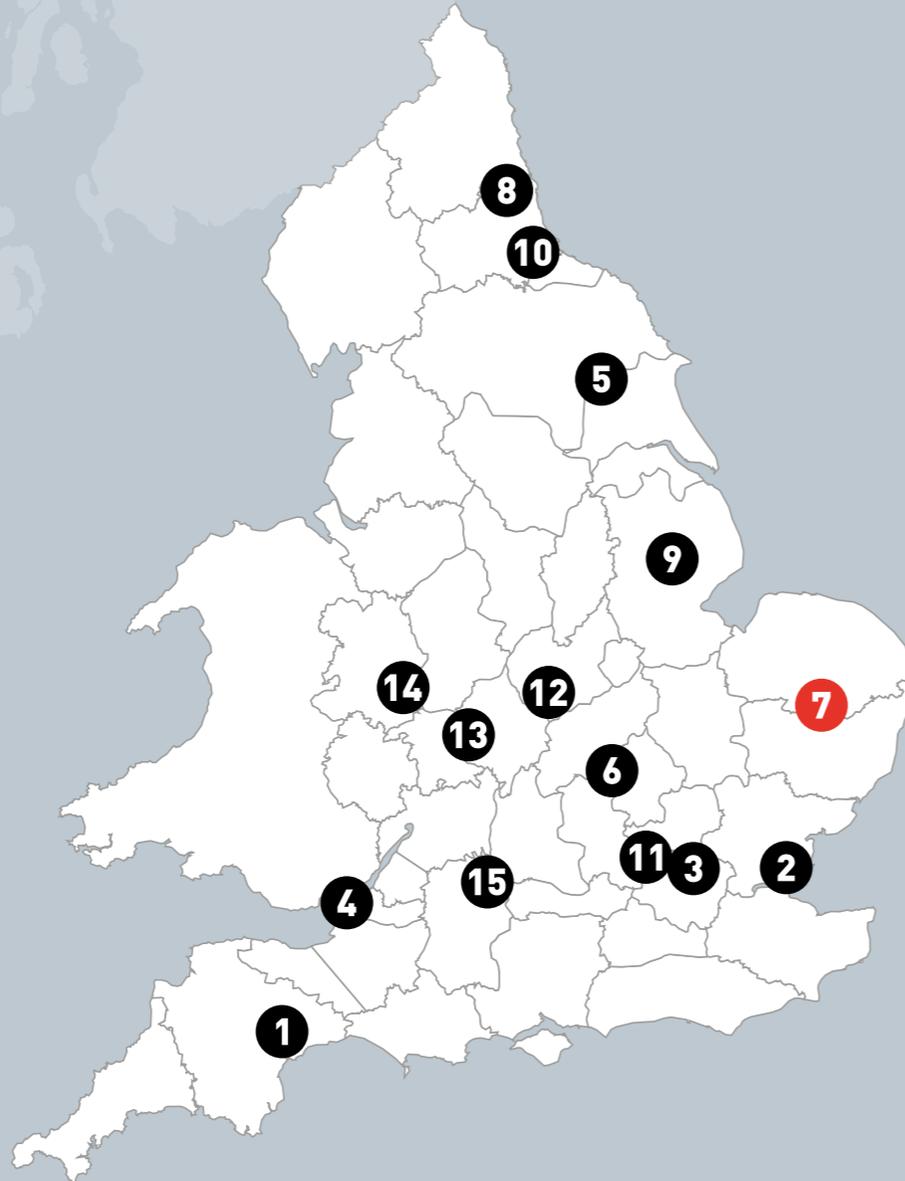
It is an ambitious model for success, which will address chronic skills shortages in our industries and will provide trained people skilled in the skills employers need and want.

Employers will shape, lead and support delivery of the training offered by the EloT and be at the heart of the project and work within the partners in their own communities.

**“Ours is the only bid from the Eastern Region.”**

## IoT Bid Locations

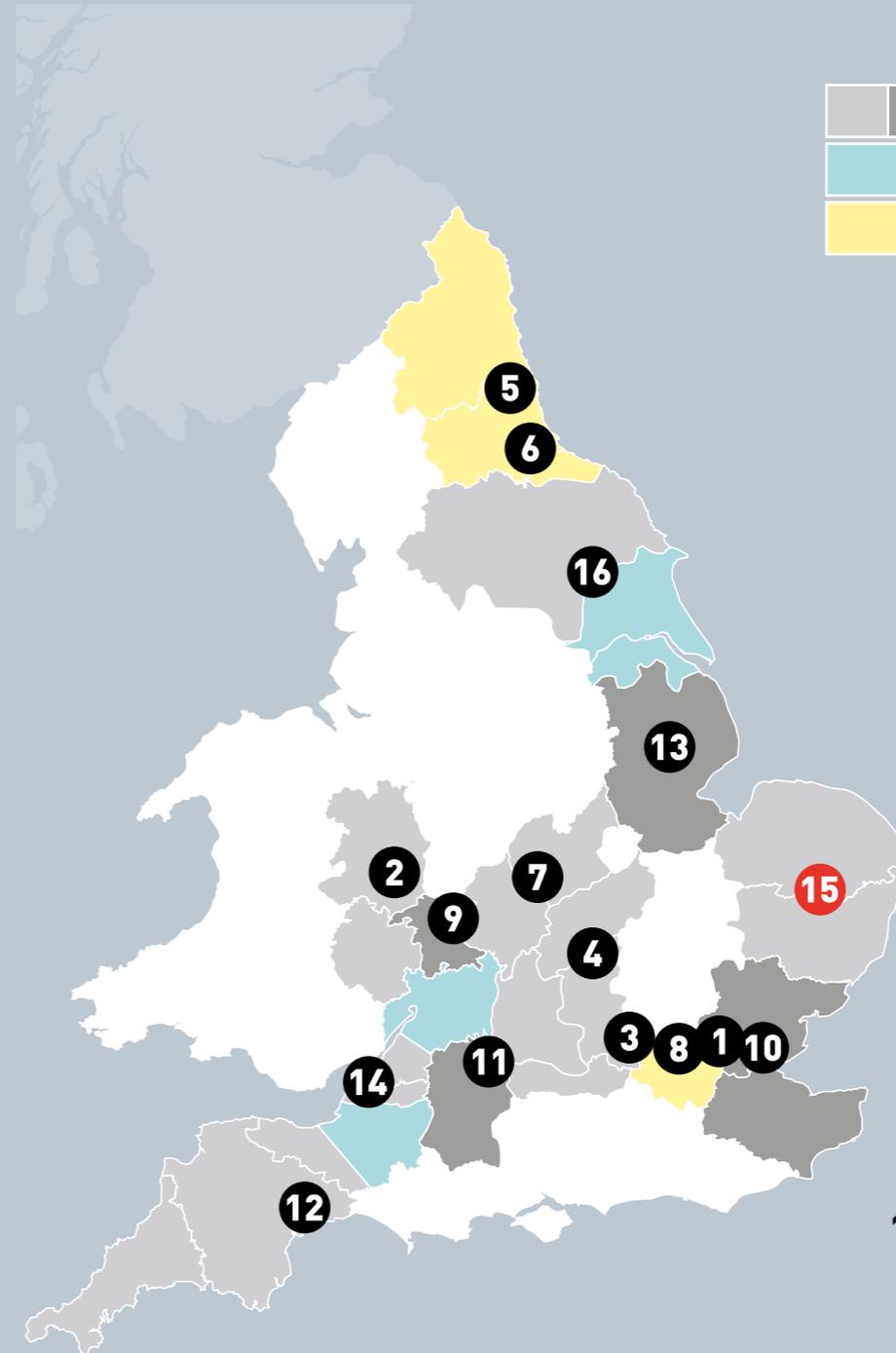
- 1 University of Exeter
- 2 South Essex College of Further & Higher Education
- 3 Queen Mary University London
- 4 Weston College of Further and Higher Education
- 5 York College
- 6 Milton Keynes College
- 7 West Suffolk College**
- 8 Newcastle College Group
- 9 University of Lincoln
- 10 New College, Durham
- 11 Harrow & Uxbridge Colleges
- 12 North Warwickshire & South Leicestershire College
- 13 Solihull College
- 14 Dudley College of Technology
- 15 Swindon College



-   Proposals have contiguous borders
-  Extent of overlapping proposals
-  Proposals cover same LEP area

## IoT Proposals and LEP Areas

- 1 Barking & Dagenham College
- 2 Dudley College of Technology
- 3 Harrow & Uxbridge Colleges
- 4 Milton Keynes College
- 5 New College Group
- 6 New College Durham
- 7 North Warwickshire and South Leicestershire College
- 8 Queen Mary University of London
- 9 Solihull College
- 10 South Essex College of Further & Higher Education
- 11 Swindon College
- 12 University of Exeter
- 13 University of Lincoln
- 14 Weston College of Further and Higher Education
- 15 West Suffolk College**
- 16 York College



## How will the project raise aspirations for this region?

This project will make it possible for people across our region to be trained and educated in industries that need their skills.

To increase levels of aspiration and attainment the EloT will support educational development across the region through projects such as the West Suffolk College's Escalator project 'Aspire to STEM' (Science, Technology, Engineering and Mathematics).

Through this the EloT's model will engage young people at all stages of education, from early years and primary education to secondary education and beyond. This will reinforce STEM skills throughout the school pipeline and address the perceptions and low aspirations of progressing to higher education across some areas of the region.

In addition, the EloT will work in collaboration with a range of partners for the purposes of outreach and community engagement. This is an important strategy in supporting students (particularly from non-standard entry backgrounds) to understand the benefits of higher education and to support them during their decision-making process.

The collaborative nature of the EloT will provide a basis for initiatives to overcome barriers to learning that particularly impact those from low income backgrounds such as rurality and consequent transport challenges. Focused, adaptable and flexible approaches across all of the partner sites to learning will create opportunities for students to engage in their own communities with more diverse student groups. It will also deliver a high level of pastoral support and improve student welfare. This will ensure individual students' experiences are positive, thus strengthening likelihood of success.

**“The EloT's model will engage young people at all stages of education, from early years and primary education to secondary education and beyond.”**





## How you can get involved

For more information and to register your support please contact:

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[www.newanglia.co.uk/EIOT](http://www.newanglia.co.uk/EIOT)

