

Closing the skills gaps in engineering and manufacturing

The world is undergoing unprecedented industrial transformation. Digitalisation, electrification, and sustainability challenges demand a new generation of skilled workers equipped for tomorrow's economy.

Enginuity and EAL stand as trusted partners at the intersection of industry, skills, and policy.

Enginuity



Data-Driven Skills Excellence

Enginuity

- Data-driven skills charity for UK engineering and manufacturing. We harness the power of data, skills, and partnerships to solve industry's workforce challenges.
- Renowned for foresight, innovation, and linking employers with education and policy makers across the sector

Enginuity[®]



Part of the
Enginuity Group

EAL

- Specialist Awarding Organisation for engineering, manufacturing, building services and related sectors. Developed to the highest technical standards, our qualifications reflect ever-changing industry and regulatory needs.
- Delivering rigorous quality, industry-designed qualifications with international recognition.

For the
benefit of



Industry
Bodies



Educators



SME's



Government



Learners



Employers



Our Mission

To ensure that people have the right engineering skills, at the right time, to keep up with changing industry needs and the net-zero transition.

Impact Through Partnership

Representing employers in policy discussions around technical education, and working collaboratively with them to create and review apprenticeship standards, qualifications and training programmes.

Sustainability Focus

Striving to provide service excellence and support to educators, training providers, employers and engineers by placing them at the heart of everything we do.

Innovation Leadership

Evidencing the skills delivered by courses, apprenticeships and training programmes; through recognition services designed and maintained by industry and assessment experts.

Equity and Access

Ensuring opportunities for diverse talent across the UK and international markets.



Delivering Impact for the Sector



£262m

Salaries

Enginuity has certificated over 13k apprentices over the last 4 years and developed the NOS and frameworks to support, helping create £262m in salaries.

185k+

Individuals Supported

185,000 people have used our digital tools, with **75%** gaining a clearer understanding of careers in the sector — helping attract new talent and supporting upskilling and reskilling.

29M+

Trusted Partners

Reinvested through our parent charity Enginuity over the last 20 years, to find new solutions to skills gaps faced by employers and sectors

1.3M+

Learners Supported

Through industry-leading qualifications and skills programmes over the last 10 years

Our data insights power skills mapping for government and industry through Enginuity's Labour Market Intelligence, whilst EAL qualifications shape careers across engineering, manufacturing, building services manufacturing, rail and cross sector skills.

Solutions

Enginuity[®]



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Case Study: Supporting the Net-Zero Skills Transition

We're at the forefront of developing skills for the green economy, focusing on critical areas that will define the future of sustainable industry.



Electrification

Supporting the transition to electric transport and industrial systems with specialised training programmes.



Battery Manufacturing

Developing workforce capabilities for the rapidly expanding battery and energy storage sectors.



Renewable Energy

Building expertise in wind, solar, and other renewable energy technologies and maintenance.

Case Study: UKBIC Partnership Success

The Challenge

The UK battery industry is projected to need **500,000** skilled workers by **2040** to support the electric vehicle revolution and gigafactory development.

Our Response

EAL partnered with the UK Battery Industrialisation Centre (UKBIC) to create the Level 2 Award in Battery Manufacturing—a hands-on, industry-led curriculum.

The Impact

- Created pathways for young people entering the sector
- Enabled reskilling of existing manufacturing employees
- Supported EV and gigafactory sector growth
- Backed by both government and industry leaders



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Enginuity Group



This collaboration demonstrates how the Enginuity Group responds rapidly to critical industrial needs, delivering future-ready skills at scale.

Enginuity

Case Study: OMAN

The Challenge

The Omani government aims to create a sustainable world-class system to train and develop home-grown talent in the oil and gas sector.

Our Response

International collaboration with the Omani government, OPAL and Industry to develop a world class skills strategy and a suite of National Occupational Standards and qualifications.

The Impact

“The investment has provided the catalyst for change – by working with their Omani peers sharing experience and first class on the ground support we have made progress beyond our initial expectations.”

Our partners:



الجمعية العمانية للخدمات النفطية
Oman Society for Petroleum Services





Join Us in Shaping Tomorrow

We connect industry, government, and global partners to deliver skills for the future economy. Our track record speaks for itself: trusted, evidence-based, and internationally relevant.

Partner With Us



Collaborate on skills development initiatives

Scale Your Impact



Leverage our expertise and networks

Go Global



Expand internationally with proven solutions



Join us in shaping a skilled, sustainable, and competitive workforce—for the UK and the world.

Thank you!

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EAL Further information



Enginuity Further information