



**OPPORTUNITY**

Where change  
gets real.



**Reference: 0031-25**

**Salary: £38,000 to £40,000, per annum, depending on experience**

**Contract Type: Fixed Term (24 Months)**

**Basis: Full Time**

## Job description

This 24-month project takes the form of a [Knowledge Transfer Partnership](#) (KTP), which provides you with practical and formal training and the availability of support from experienced mentors from [Metal Assemblies Ltd \(MAL\)](#), [Aston University](#) and [Innovate UK Business Connect](#).

### Job Purpose:

This Knowledge Transfer Partnership (KTP) project aims to transform manufacturing processes with a focus on energy efficiency and carbon content transparency. Utilising advanced data collection, analytics and visualisation techniques Metal Assemblies will become a leading carbon-conscious automotive supplier, driving growth, and supporting customers to make sustainable choices. Metal Assemblies Ltd (MAL) produces press metal parts, machined components and welded assemblies for the automotive supply chain with over 60 years' experience in the sector.

The project will focus on collecting, analysing and interpreting energy data that is directly related to specific machine centres and products. This will provide a systematic, rigorous approach for specifying the carbon content of MAL's work on any given component to satisfy the EU's Carbon Border Adjustment Mechanism (CBAM). Assessing carbon footprint at the component level is a novel approach which will differentiate MAL in the market.

**Candidate Profile:** Qualified to MSc level, ideally a first degree in either Production Engineering or Business & Computing; followed by an MSc or MBA focused on Business Sustainability / Operations Management with modules in IT.

We are looking for an individual who has autonomy and leadership skills to manage and deliver a multi-disciplinary project.

### Essential skills/ experience required include:

- Experience of working in manufacturing companies and addressing complex and ambitious goals.
- Experience in managing small/medium projects.
- Some technical understanding in the areas of sustainable manufacturing (environmental/quality management systems, life-cycle analysis, performance measurement, etc).
- Practical experience in working with multi-disciplinary teams.

### Desirable:

- Prior knowledge of manufacturing strategy, business sustainability, or performance measurements.
- Understanding of how businesses operate.

### Main Duties/Responsibilities:

- Understand EU's Carbon Border Adjustment Mechanism (CBAM).
- Evaluation of data-capture technology and Digitalisation of energy consumption.
- Energy / Carbon Data Visualisation and Analysis.
- Commercialisation of results and understanding markets.
- Sustainable Innovation and life-cycle analysis.

### **Additional responsibilities**

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff and students.
- ▶ Carry out duties in a way which promotes fairness in all matters and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

## Person specification

	Essential	Method of assessment
<b>Education and qualifications</b>	<ul style="list-style-type: none"> <li>▶ Qualified to MSc level, ideally a first degree in either Production Engineering or Business &amp; Computing; followed by an MSc or MBA focused on Business Sustainability / Operations Management with modules in IT and Strategy.</li> </ul>	Application form and interview
<b>Experience</b>	<ul style="list-style-type: none"> <li>▶ Experience of working in manufacturing companies and addressing complex and ambitious goals.</li> <li>▶ Experience in managing small/medium projects.</li> <li>▶ Practical experience in working with multi-disciplinary teams.</li> </ul>	Application form and interview
<b>Aptitude and skills</b>	<ul style="list-style-type: none"> <li>▶ Some technical understanding in the areas of sustainable manufacturing (environmental/quality management systems, life-cycle analysis, performance measurement, etc).</li> <li>▶ Ability to acquire and apply new knowledge quickly</li> <li>▶ Autonomy and leadership to manage and deliver multi-disciplinary projects</li> </ul>	Application form and interview

	Desirable	Method of assessment
<b>Aptitude and Skills</b>	<ul style="list-style-type: none"> <li>▶ Prior knowledge of manufacturing strategy, business sustainability, or performance measurements.</li> <li>▶ Understanding of how businesses operate.</li> </ul>	Application form and interview

## University values

All staff are expected to demonstrate/promote the University's values and expectations, which are an integral part of our strategy and underpin the culture of the University. In addition, our leaders are expected to be accountable, help to execute strategic visions of the University and share and set clear expectations that inspire those around them.

**Values + Behaviours**

				
<b>Innovation</b>	<b>Collaboration</b>	<b>Ambition</b>	<b>Inclusion</b>	<b>Integrity</b>
We strive for excellence within ourselves and others, providing solutions to new and existing challenges.	We work best when we are collaborative, working together to contribute to the Aston community.	We strive together for improvement and innovation looking ahead to see the bigger picture.	We treat everyone in our community equally and how they would like to be treated.	We are open, honest and fair. We take ownership of the way we work and how we treat each other.

## How to apply

You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by 23.59 on the advertised closing date.  
All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form, then please contact the Recruitment Team via [recruitment@aston.ac.uk](mailto:recruitment@aston.ac.uk).

## Contact information

### Enquiries about the vacancy:

Name: Dr Breno Nunes, Aston Business School

Email: [b.nunes@aston.ac.uk](mailto:b.nunes@aston.ac.uk)

### Enquiries about the application process, shortlisting or interviews:

Recruitment Team via [recruitment@aston.ac.uk](mailto:recruitment@aston.ac.uk) or 0121 204 4500.

## Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy.

**Salary scales:** <https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index>

**Benefits:** [Benefits and Rewards | Aston University](#)

**Working in Birmingham:** <https://www2.aston.ac.uk/birmingham>

**Employment of Ex-Offenders:** Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they applying for is listed an exception under the act.

### **Eligibility to work in the UK:**

Non-UK/Irish nationals will require a visa or immigration permission that allows them to work in the UK.

The most common work visas are the [Skilled Worker](#), [Global Talent](#) and [Graduate](#) immigration routes. You can find more information about these visa categories on our [web page for candidates](#). The [UKVI website](#) provides further detail about different work visas and the eligibility criteria for each.

### **Academic Technology Approval Scheme (ATAS):**

If you will conduct research in your role and you apply for a Skilled Worker or Temporary Worker GAE visa, you may need to apply for and obtain ATAS clearance before Aston can issue a Certificate of Sponsorship for your visa application.

This process can take at least 6 weeks to process, and Aston will consider this when confirming your expected start date. Processing times will increase between April and September and can longer to complete.

There is no fast-track option available. ATAS certificates will be processed in order of receipt.

You can find more information about ATAS on our candidate immigration page.

### **Before you start and Right to Work**

#### 90-day entry vignette

If you have applied for your visa outside of the UK, you will receive a vignette in your passport which is usually valid for 90 days. Please make sure to travel to the UK within the 'valid from' and 'valid to' dates on this visa. If you entered the UK before or after these dates, you would not 'activate' the visa and you would need to leave and re-enter the country.

You will also receive a decision letter confirming details about your immigration permission and where to collect your Biometric Residence Permit.

#### Cost of Living - Estate and Letting Agents

There are numerous Estate and Letting Agents in and around Birmingham that can help you find suitable accommodation. The Midland Landlord Accreditation Scheme provides a list of professional agencies and landlords who have applied with them for accreditation.



Whilst accreditation is not a guarantee of quality, it provides some reassurance about the standard of the service they provide.

You can also use property search websites such as Rightmove or Zoopla.

### **Equal Opportunities**

Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national and international level.

The University will endeavour not to discriminate unfairly or illegally, directly or indirectly, against student or potential students, staff or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

### **Data Protection**

Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) ("GDPR"). The University's Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

Aston University  
Birmingham  
B4 7ET, UK.  
+44 (0)121 204 3000

[www.aston.ac.uk](http://www.aston.ac.uk)