

In the company of...

# SOLVERS



**Business area:** Infrastructure

**Requirements:** A minimum of a 2.1 Bachelor's or 2.2 Master's/MEng degree

## Our teams and what they do

### Social Value & Stakeholder Engagement

Locations: Bristol, London

Degree Disciplines: Economics, Anthropology, Social Science, Human Geography, HR and Human Behaviour, Marketing and Communications, Politics, Social Impact

Here at AtkinsRéalis our work helps clients deliver their projects in sustainable ways, leading to better social, economic and environmental outcomes for clients, projects and communities. Our growing Social Value and Stakeholder Engagement team supports engagement with clients and the communities we work within. As a result, our team members gain experience of some of the world's largest and most challenging projects, working with a diverse range of clients and communities in different countries, and across many sectors including water, oil and gas, power, renewables, infrastructure and the built environment.

AtkinsRéalis are looking to appoint a **Social Value & Stakeholder Graduate** to support the team within our UK & Europe business. We are flexible about the qualification you have gained as it is more important to us that your skills and motivation comes from wanting to create better communities for everyone, in environments that we all want to live in and be a part of.

### Responsibilities and Accountabilities

- Fully committed to upholding the principles and values of social value and stakeholder engagement.
- Understanding the reasons behind social challenges (local, regional and national) and empathising with individuals, businesses and community groups should be of the utmost importance.
- Experience planning, organising and coordinating events linked to social, economic and environmental measures and synergising with AtkinsRéalis corporate value.
- Managing stakeholder databases in accordance with GDPR guidelines. This will include ensuring that all processes for collecting and analysing information and data are appropriate.
- Conduct desk research on community groups and stakeholders based in the local geographical areas of the infrastructure projects we are assisting in building.
- Support the management team in conducting in-person thorough and informative stakeholder interviews. Providing professional and effective assistance, ensuring that the interviews are carried out smoothly and efficiently.
- Evaluating survey responses, ensuring that we are providing relevant and responsive services.
- Assist the social value team in setting up and conducting local needs assessments for communities through desk-based research and a customised digital research tool.
- Awareness of the National TOMS or other social value calculators and ability to input, run and produce social impact reports.

## Core Activities

- Delivering social value activities including workshop facilitation and delivery to different audiences for example school students/ job seekers/ community groups.
- Builds and maintains good relationship with collaborating with a range of stakeholders.
- Demonstrates a natural communicator helping to achieve outcomes with a variety of people across multiple disciplines or settings and at all levels of seniority.
- Has a flair for writing case studies and bid/tender responses. Understanding the benefits of great storytelling and different ways of presenting data and outcomes.
- Co-ordinate partnership working activities and internal / external working groups that helps to influence individual's decisions.
- Relevant information / data are managed efficiently and accurately.
- Practical, effective solutions are developed and delivered in accordance with legislative requirements and good practice guidelines and address any relevant issues.

## Sustainable Land and Resource Management

Locations: Epsom, Glasgow, London

Degree disciplines: Contaminated Land, Hydrogeology, Earth Science, Soil Sciences, Environmental Sciences, Environmental Engineering, Environmental Management, Environmental Impact Assessment, Geography, Geology, Waste Management, Civil Engineering, and others.

Our Sustainable Land and Resource Management team is a combined environmental and engineering practice delivering a wide variety of projects for a diverse range of UK and international clients across market sectors including water, energy, regeneration and redevelopment, waste management and the circular economy, and the road and rail sectors. Our team is proud to support and promote sustainability, net zero, and nature-based solutions, taking a digital first approach to collaborating with clients to positively contribute to the net zero agenda and biodiversity and climate emergencies. Our team members have the opportunity to use and develop a full range of office and site-based skills, working on multi-disciplinary projects as well as providing innovative solutions to engineering and environmental challenges. As part of our team, you could be involved in a variety of exciting and challenging projects which entail:

- the investigation, assessment, remediation and sustainable development of land (this will include a mix of both office and site-based roles),
- hydrogeological modelling and groundwater management,
- agricultural land assessments and soil health,
- the sustainable use of soils and materials,
- waste resource management and the circular economy, and
- environmental impact assessments, and much more.

We positively encourage pushing boundaries, promoting innovation, knowledge sharing and ensure staff have time allocated to get involved in our technical networks and innovations. Join us, and be supported by a highly skilled, award-winning team, that will set you in good stead for a fulfilling future career.

## Water Management Consultancy

Locations: Locations: Birmingham, Bristol, Epsom (Surrey), Glasgow, Leeds, Peterborough, Swansea, Warrington

Degree disciplines: Environmental Science, Environmental Economics, Environmental Engineering, Geography, GIS, Hydrology, Hydrogeology, Maths, Physics, Civil Engineering, Aquatic Ecology, Marine Sciences, Water Management

Operating at the interface between people and the water environment, we work with our clients in the UK and around the world in providing innovative design solutions, research and advisory services for a sustainable future.

Our key services include: water resources and water quality planning; hydrogeology and groundwater management; flood risk management; natural capital and environmental economic appraisal; hydrology; hydraulic and coastal flood modelling and flood risk scheme appraisal; coastal and marine environmental appraisal; integrated catchment management; hydromorphology; river restoration, aquatic ecology, natural flood management and nature-based solutions; environmental, hydraulic and civil engineering; regulation and assurance; strategic asset management; and data analytics.

Day to day activities include:

- contribute to projects with a water management focus, particularly alongside one of our key services, as well as a wide variety of projects across the environment business.
- Field/survey work in support of projects
- provide input to the development and refinement of new and existing digital tools that quantify and illustrate environmental impacts and the value of nature to people in a clear and visual way
- wider data analysis and report writing as part of project work, including creation and presentation of information in GIS
- involvement in supporting business development through our win work/ bidding process, in addition to the successful delivery of key tasks on projects
- the role is focused on achieving and delivering technical excellence

## **Networks and Drainage Engineering**

Our multi-disciplinary team is one of the largest in the UK, providing Water and Wastewater Infrastructure services alongside Drainage Design and Surface Water Management. We work across a wide variety of clients, both within the UK and internationally, including water companies, local authorities, highways /rail authorities, and developers.

We offer two career pathways. Please state in your application which role is your preferred option:

### **Graduate Civil Engineer**

Locations: Belfast, Birmingham, Bristol, Cardiff, Derby, Edinburgh, Epsom (Surrey), Glasgow, Peterborough, Warrington

Degree disciplines: Civil engineering or environmental engineering

You will work alongside industry-leading experts on diverse projects that allow you to improve the environment around us, and find innovative, low-carbon solutions to maintain and enhance critical water-based infrastructure, both within the UK and around the world. Examples of some of our typical projects you may get involved in (although this will vary by local team workload/expertise) are:

- Sustainable Drainage (SuDS) Design / Surface Water Management Planning to manage surface water runoff sustainably within our communities.
- Conceptual, Outline, and Detailed Design of Drainage for large-scale, Development/Transportation and Energy Projects.
- Conceptual, Outline, and Detailed Design for new and replacement water mains and wastewater infrastructure.

Our Graduate Civil Engineers will be involved in the following (although experience in these areas will be beneficial, they are not pre-requisites for joining us):

- Producing Design Calculations (both simple “hand-calculations” & Hydraulic Models using QGIS / Microdrainage / Causeway Flow).
- Drawing and 3D BIM Model Creation (using AutoCAD / Civils 3D / Microstation) to aid multi-discipline coordination and construction.
- Report writing (using Microsoft Office applications) to inform clients / key stakeholders of our proposed technical solutions.
- Presentation of solutions as part of internal and client meetings.

### **Graduate Modeller**

Locations: Belfast, Bristol, Edinburgh, Glasgow, Peterborough, Warrington

Degree disciplines: Civil Engineering, Environmental Engineering, Science-based Geography

- 1D and 2D Hydraulic Modelling of water and wastewater networks to understand operational issues, optimisation, and new infrastructure needs.
- Optimisation of existing water and wastewater networks to improve their performance and efficiency.
- Development of large-scale water infrastructure solutions, including utility masterplanning for new developments both in the UK and abroad (using our innovative digital tools)
- Surface Water Management Planning to help manage surface water runoff sustainably within our communities.

We expect our Graduate Modellers to be involved in the following:

- Catchment analysis and surface water planning (utilising GIS and ICM packages)
- Water / wastewater modelling utilising Infoworks / Infowater Packages, and bespoke in-house software (e.g., NetCreate)
- Data analysis and development of new digital tools (using coding packages such as Python, Excel / VBA, and presentation tool such as Power BI)
- Report writing (using Microsoft Office applications) to inform clients / key stakeholders of our proposed technical solutions.
- Presentation of solutions as part of internal and client meetings.

### **Planning, Environmental Consenting and Communities**

Locations: Belfast, Birmingham, Bristol, Epsom, London, Warrington, York

Degree disciplines: Environmental, Environmental Impact Assessment, Environmental Science, Environmental Engineering, Sustainability, Planning, Geography, Climate related, Civil Engineering, Waste Management,

As a Graduate Environmental Consultant you will be a part of our vibrant Planning, Environmental Consenting and Communities (PECC) team. The PECC team is an expanding multidisciplinary team, home to our environment assessment and management, planning and stakeholder engagement teams. We're the gateway to planning, urban design and Environmental Impact Assessment within the organisation, comprising a vibrant network of people providing world class consultancy and advisory services.

We're committed to providing the best outcomes for our clients, always with sustainability in mind. We share our understanding of the unprecedented challenges they face – climate change, rapid urbanisation, consumerisation, economic uncertainty, security threats and technology-driven change – to create a better future. The work we do is important and influential, it shapes the way our clients think, enables them to make better informed choices and deliver their projects effectively in a world of disruption and change.

As a graduate, you'll have plenty of opportunity to be involved in a variety of projects, ranging from rail, highways, energy, water management, international projects, planning and stakeholder engagement.

Day to day duties include:

- Supporting with the coordination of Environmental Impact Assessments (EIAs) and other non-statutory environmental appraisals
- Coordinating a multi-disciplinary team of environmental specialists inputting to environmental assessments and environmental design inputs
- Conducting field surveys and collect and analyse data
- Carrying out desk-based baseline constraints studies and appraisals
- Writing reports and sharing findings with multi-disciplinary colleagues, clients, sub-contractors and/or regulators
- Advising on best courses of action based on industry standards and assessment conclusions
- Managing legislative issues for clients and maintain an awareness of how legislation impacts projects.

**To apply, please return to the main job specification**