



Role Title: Principal/Senior Consultant Aviation

Salary: Competitive salary dependent upon individual's skills, experience and hours + attractive benefits.

Location: AEA has main offices in London and Harwell (Oxfordshire), and other sites around the UK (Warrington, Cardiff and Glasgow). Home and agile working also considered, but the role will require an ability to travel.

Ref: AEA

Company Information

AEA is a world leading transformational consultancy delivering visionary, integrated environmental, IT and knowledge management solutions worldwide. With unrivalled sector insight and a reputation for producing innovative solutions, we offer a stimulating and rewarding environment in which to work.

We have a truly global perspective and presence, operating throughout Europe, North America, the Middle East, and Asia. We offer independent and authoritative research, advisory, and consultancy services to government and private sector clients. We are internationally recognised for our expertise in climate change, environmental analysis, management, and policy support.

Aviation at AEA

Our work in the aviation sector includes high-level strategic policy development, research, analysis and modelling for UK Government, the European Commission, the US Transportation Research Board, as well as analysis and modelling for private sector clients.

Our solutions allow organisations, including airports and airlines, to measure and control their pollutant emissions and comply with regulations. We enable local, national and international governments to develop effective policies and monitor progress. We produce the official emissions estimates for the aviation sector as part of both the UK National Atmospheric Emissions Inventory (NAEI) and US National Emissions Inventory (NEI). Emissions forecasting and scenario modelling expertise is unrivalled and underpins governments' understanding of current and future environmental challenges. Our expertise covers carbon emissions and air quality, alternative vehicle technologies (e.g. electric vehicles, hydrogen fuel cell technology, etc), biofuels, cost-benefit analysis, life-cycle assessments and policy evaluation.

AEA's core aviation team is small and tends to concentrate on air quality and climate change, but experienced and widely-respected, with a time-tested record of stakeholder trust and client confidence, and a strong mix of science, policy, and project expertise. We frequently draw on AEA's wider pool of experienced consultants in biodiversity, energy, transport, waste, water, international development, economics, knowledge transfer, IT etc to create the most effective project teams to meet individual client needs.

We are now looking to expand the team and our capability through additional (and complementary) expertise and experience to offer greater depth to our aviation offerings. We are looking to challenge and enhance our existing ways of working, by integrating new skills and approaches. We are seeking a highly experienced consultant to make a significant contribution to AEA's existing portfolio of aviation projects primarily in the UK and Europe. We are expanding our joint activities with our sister companies in the US and anticipate increasing our aviation services in the US market. We are reshaping our business strategy for AEA's aviation work in the wider international context, and this includes the opportunity for the right person to influence strongly our plans and ambitions for international aviation services.

Making a difference through our work

Role purpose

The successful recruit will have the opportunity to shape the role to align most effectively with his/her unique combination of expertise and client experience, and indeed to influence AEA's business strategy in aviation. The role will likely include:

1. Building and maintaining client relationships in the private and public sector to expand AEA's work in aviation.
2. Winning work in the area of aviation related environmental issues, primarily through leading (and developing the content for) complex proposals to airports, airlines, UK Government, the European Commission (e.g. EASA), US TRB and other public sector customers.
3. Delivering high quality project work through technical, and managerial, contributions to AEA's consultancy services in aviation for a range of clients, in the UK and further afield (as appropriate to the person).
4. Providing leading expertise in aviation, in its environmental context, to guarantee the quality of AEA's work, to raise the profile of AEA's aviation services (e.g. at conferences and technical meetings), and to mentor and develop other staff.

The Person

- Effective and proactive team worker, capable of supporting and developing peers and subordinates.
- Able to work effectively on own initiative and to contribute to multiple work streams at any one time.
- Excellent presentation skills.
- Excellent oral and written communication skills, including report-writing.
- Numerate, logical and analytical.
- Degree and preferably a postgraduate qualification in a relevant discipline (e.g. pure science/engineering/mathematics).

Successful candidates will demonstrate the following skills:

- Excellent customer focus, experienced in business development, client liaison and wider stakeholder engagement.
- Proven project management experience of leading multi-disciplinary technical project teams, managing complex projects and proposals.
- Delivery of technical research and/or consultancy studies to the private and/or public sector and/or related agencies and institutions (in the UK, Europe or internationally).
- Thorough working knowledge of concepts and approaches to a key environmental area within the aviation field.
- Comprehensive understanding of (or at least familiarity with) relevant current government policy contexts (and key policy issues) for key aviation field in the UK (and Europe).
- Demonstrable specific expertise in *at least one of* the following areas:
 - Aircraft performance and emissions analyses;
 - Aviation emission calculations;
 - Airport emission calculations;
 - Dispersion modelling of air pollution at airports;
 - Aircraft noise modelling and assessments;
 - Aviation operations such as ATC and GTC;
 - Economics of aviation;
 - Aviation sector risk management;
 - Developing aviation client relationships; or
 - Aviation related environmental policy contexts (EU and/or international).



Successful candidates may also offer some of the following:

- Existing relevant client networks and relationships.
- Experience in knowledge transfer and/or professional facilitation.
- Relevant professional memberships and/or qualifications (e.g. chartered status).
- IT skills related to model development and application.

This is a fast-paced and challenging environment offering you the opportunity to make your mark; you will have support from the wider business for your own career development into a wide range of future opportunities within AEA.

In return for your commitment, drive and enthusiasm, we offer an attractive remuneration and benefits package, a personal development plan, and the opportunity to make a difference in a challenging and rewarding field. To express your interest in joining our prestigious organisation please visit our career pages at www.aeat.com, and submit your application using our on line process.

The AEA group strives to be an equal opportunities employer

Making a difference through our work