
STATEMENT OF EXPERTISE

This Environmental Impact Assessment Report (EIAR) has been prepared by competent experts, and the following statement outlines the relevant expertise and qualifications of the EIA Co-ordinator and the lead author of each technical chapter.

Environmental Impact Assessment Co-ordination

The EIAR has been prepared and co-ordinated by Lauren Williamson, BSc (Hons) MSc MRTPI, Associate Director at Wardell Armstrong LLP. Lauren has a BSc (Hons) in Natural Sciences from the University of Manchester and an MSc in Planning from the University of Manchester. Lauren has extensive experience in the co-ordination of EIAs and the preparation of EIARs for a range of developments, including several energy from waste (EfW) projects.

Neil Sutherland BA(Hons) DIP TP MRPTI, Director, is a professional town planner with over 20 years' experience. Neil has extensive experience of working within the Scottish planning system on a wide variety of complex EIAR developments (both in the public and private sector).

Wardell Armstrong LLP is a registrant of the IEMA EIA Quality Mark, demonstrating their commitment to excellence in their EIA activities. Lauren supports the management of Wardell Armstrong's registration to the EIA Quality Mark, ensuring the high standard of the scheme is adhered to.

Socio-Economics

The socio-economic Chapter has been prepared by David Watson (BA Hons Geography, MSc Urban Regeneration) of Hatch Associates Limited. David is an Associate Director at Hatch with 16 years' experience in economic development and regeneration. He specialises in socio-economic impact assessments for Environmental Statements. This includes assessments of energy projects, including energy from waste schemes. David has led on the preparation of ES chapters and socio-economic impact assessments for a number of energy and EfW schemes.

Traffic and Transport

The Traffic and Transport Chapter has been prepared by Iain Lamb (BEng Civil and Transportation Engineering) of Transport Planning. Iain has 25 years' experience in transport planning and is an experienced writer of EIA chapters for developments such as quarries, wind farms, materials recycling plants and homes.

Air Quality, Odour and Human Health

The Air Quality, Odour and Human Health Chapter has been prepared by Hannah Lederer (BSc AMIEnvSc) and reviewed by Rosalind Flavell (CEnv CSci MIAQM MIEnvSc PIEMA) of Fichtner Consulting Engineers Ltd. Hannah is an associate member of the Institute of Environmental Sciences (IES) and has previous experience undertaking air quality assessments for planning applications for Energy from Waste Facilities. Rosalind is a chartered member of the Institute of Air Quality Management (IAQM) and IES and a practitioner member of the Institute for Environmental Management and Assessment (IEMA). Rosalind has over fifteen years of experience of project management and undertaking air quality assessments for planning and permitting purposes for a wide range and scale of developments including Energy from Waste facilities across the UK.

Since starting its operations in the UK in 1991, Fichtner has established itself as a leading technical adviser and project manager in the UK and Irish energy sectors. Fichtner offers a range of bespoke environmental engineering services, with services tailored to enable us to provide quality work and professional advice for a wide range and scale of projects, from initial suitability studies to the detailed design and planning submission. This includes air quality and permitting services. Fichtner has extensive experience of assisting companies to obtain environmental authorisations for a number of energy generation projects, including waste incineration and co-incineration facilities. Over the last ten years, Fichtner has successfully prepared and submitted over 50 PPC and EP Applications, including the air quality support for waste incineration and combustion plants, and for many of these projects Fichtner has also provided support to the planning application.

Noise

The Noise Chapter has been prepared by Emily Forster (TechIOA), reviewed by Richard Calvert (MIOA) and technically reviewed by Simon Urquhart (MIOA), all of Wardell Armstrong. All authors are members of the Institute of Acoustics (IOA), the professional body for those working in acoustics, noise, sound and vibration.

Over her time at Wardell Armstrong, Emily has carried out noise assessments to accompany a variety of planning applications, including residential, commercial and industrial developments. She has experience of monitoring, modelling and assessing road traffic noise, railway noise and industrial noise, with knowledge and experience of the applicable guidance.

Richard (BSc (Hons), MIOA) is an associate director in acoustics with over 15 years' experience in the fields of environmental, architectural and building acoustics.

Landscape and Visual

The LVIA Chapter has been prepared by Lucy Green BSc (Hons) DipLA CMLI of Wardell Armstrong LLP. Lucy is a Chartered member of the Landscape Institute and has 20 years' experience, 18 of which have been with Wardell Armstrong. During this time, she has carried out many LVIA's for a wide range of developments throughout the UK, including minerals and waste, residential, commercial and industrial, and renewable energy developments. Key examples include waste processing and landfill sites, numerous wind farm, wind turbine, and solar projects across the country.

Water Resources and Flood Risk

The Water Resources chapter has been prepared by Rachel Graham (BSc (Hons), MSc, MCIWEM, MIEEnvSc) and reviewed by Vera Langer (BSc (Hons), MSc, PhD, CEng, C.WEM, MCIWEM) of Wardell Armstrong LLP.

Rachel Graham is a Senior Environmental Scientist with over eight year's experience working within the environmental and planning consultancy sector. Rachel is a member of the Chartered Institute of Water and Environmental Management (MCIWEM), Institution of Environmental Sciences (MIEEnvSc) and the British Hydrological Society. Rachel's EIA experience included projects across the UK including residential and mixed used developments, minerals, renewable energy and nationally significant linear infrastructure.

Vera Langer, is Technical Director and leads a dedicated team of water environment scientists and hydrogeologists. She is a Chartered Engineer and Chartered Water Environmental Manager with over 25 years' experience in the energy, water, contaminated land, and environmental industries (UK and overseas). Her experience includes large-scale water resources, groundwater quality assessment, and remediation projects for industrial and infrastructure sites including drinking water reservoirs, well protection zones, tunnel dewatering, flowback water at Fracking sites, coal-bed methane basin water management, nuclear and chemical facilities, refineries, pipelines, terminals, quarries and landfills.

Ecology and Nature Conservation

The Ecology and Nature Conservation chapter has been prepared by Joanne Martindale (BSc Hons MSc ACIEEM) and reviewed by Helen Embleton (BSc Hons MIES) of Wardell Armstrong LLP. Joanne is an associate member of the Chartered Institute of Ecology and Environmental Management (CIEEM) with nine years' experience of working in ecological consultancy, undertaking ecological assessments for planning applications for a range of developments

from residential to renewable energy. Helen has over 15 years of experience of project management and undertaking ecology assessments for a range of developments.

Climate Change

The Climate Change Chapter has been prepared by Paul Evans (BSc Hons, CEnv, MEI), Service Area Director of Energy and Climate Change at Wardell Armstrong. Paul has worked exclusively in renewable energy throughout his career. Paul brings over 15 years' experience in the energy industry and endeavours to bring innovative and novel solutions to projects. Paul has extensive technical knowledge, having managed, designed and delivered some 300 MW of solar PV projects, over 100 MW of wind energy and a number of other technologies including deep geothermal. Additionally, he has an in depth knowledge of business and finance issues relating to renewable energy projects and has been involved in the financial modelling of a wide variety of projects ranging from tidal stream through to complex integrated private wire energy projects spanning a wide range of generators and consumers.

Geo-environmental and Mining

The Geo-Environmental and Mining Chapter has been prepared by Robert Boelema (BSc, MSc, CGeol, CEnv), Associate Director at Wardell Armstrong. Robert has over 30 years of Earth Science experience, and has been with Wardell Armstrong for c. 16 years managing ground investigation projects. His responsibilities include the following: the design and organisation of site investigations, including procurement of external suppliers for intrusive site investigations; the design and treatment of mine entries and shallow coal mines; overseeing sampling, monitoring and in situ testing (water and soils) and liaising with appropriate laboratories; the preparation of interpretative site investigation reports including the adaptation of the conceptual site models; the preparation of both qualitative and quantitative site-specific contamination risk assessments for a wide range of contaminants; the preparation of detailed options appraisals, remediation strategies and implementation plans in accordance with LCRM (CLR11) to allow the redevelopment of brownfield sites.

Archaeology and Heritage

The Archaeology and Heritage chapter has been prepared by Charlotte Dawson, Associate Director at Wardell Armstrong LLP. Charlotte is a full member of the Chartered Institute for Archaeologists and has worked within Archaeology and Heritage Consultancy for over fifteen years assisting small scale to large scale developers within all sectors. She has a BSc and an MSc in Archaeology. Charlotte specialises in the successful submission and determination of applications with heritage and archaeological constraints.