

# REDCAR ENERGY CENTRE APPENDIX 1.2

## Statement of Expertise

Redcar Energy Centre  
Appendix 1.2

July 2020

## Contents

<b>1</b>	<b>STATEMENT OF EXPERTISE .....</b>	<b>1</b>
1.1	RPS.....	1
1.2	Management Team.....	1
1.3	Topic Authors .....	2

# 1 STATEMENT OF EXPERTISE

## 1.1 RPS

1.1.1 RPS is a member of the Institute of Environmental Management and Assessment (IEMA) Environmental Impact Assessment (EIA) Quality Mark. This means that RPS adheres to the following quality mark commitments:

- EIA Management – We commit to using effective project control and management processes to deliver quality in the EIA we co-ordinate and the Environmental Statements we produce.
- EIA Team Capabilities – We commit to ensuring that all our EIA staff have the opportunity to undertake regular and relevant continuing professional development.
- EIA Regulatory Compliance – We commit to delivering Environmental Statements that meet the requirements established within the appropriate UK EIA Regulations.
- EIA Context & Influence – We commit to ensuring that all EIAs we coordinate are effectively scoped and that we will transparently indicate how the EIA process, and any consultation undertaken, influenced the development proposed and any alternatives considered.
- EIA Content – We commit to undertaking assessments that include: a robust analysis of the relevant baseline; assessment and transparent evaluation of impact significance; and an effective description of measures designed to monitor and manage significant effects.
- EIA Presentation – We commit to deliver Environmental Statements that set out environmental information in a transparent and understandable manner.
- Improving EIA practice – We commit to enhance the profile of good quality EIA by working with IEMA to deliver a mutually agreed set of activities, on an annual basis, and by making appropriate examples of our work available to the wider EIA community.

## 1.2 Management Team

### Daniel Smyth

- 1.2.1 Dan Smyth is Senior Director for Major Projects at RPS, with over 25 years' experience as an environmental specialist and is a member of the National Infrastructure Planning Association. Dan is a specialist in the field of energy and waste management, an experienced expert witness in air quality and human health, climate change and environmental permitting, who has also given evidence to EFRA on the future of waste management in England. He has DCO and EIA experience which includes energy from waste, renewables, power generation, high voltage electricity and high pressure gas, battery storage, airports and highways schemes.
- 1.2.2 His waste- and biomass-sector experience encompasses more than twenty biomass power and energy from waste facilities, using mass burn, gasification, plasma and other treatment technologies, across the UK, the majority of which were EIA development and he has acted as technical adviser to Gloucestershire, Hertfordshire and Buckinghamshire. His most recent experience includes acting as project director for the EIA and planning application for Suez's energy from waste scheme at Darwen, Blackburn with Darwen, which was consented in 2019.

## Andrew Stevenson

- 1.2.3 Andrew is a Chartered Town Planner with over 20 years' planning practice in both local government and consultancy. He is a Planning Director in the RPS Infrastructure Planning team and is part of its senior management team. He is a member of the National Infrastructure Planning Association (NIPA) and has experience of major infrastructure projects including NSIP/DCO applications under the Planning Act 2008, as well as the Town and Country Planning Act 1990, Marine Licensing and other consenting Regimes.
- 1.2.4 His practice focusses on major energy infrastructure often involving contentious planning matters and the provision of strategic planning advice and the preparation and co-ordination of EIA and HRA to secure consent for renewable energy projects including Onshore and Offshore Wind (including the onshore cable routes and converter stations), Energy from Waste, battery storage, peaking plants, and solar farms. He has been the Planning Lead for a number of EFW schemes including Sutton Courtenay, Kemsley, Sinfin Lane, and Darwen, and is currently instructed on a number of significant schemes across the UK. He often meets with local planning authorities and key stakeholders, including Natural England, the Environment Agency and Historic England.

## Clare Russell

- 1.2.5 Clare is an Associate with RPS with 18 years' experience in environmental consultancy. She specialises in EIA and has managed multi-disciplinary teams to deliver high quality Environmental Statements for a range of developments including Nationally Significant Infrastructure Projects for offshore wind farms and energy projects, and road improvement schemes. Clare is an experienced project manager and co-ordinator of multi-disciplinary EIAs. She has detailed knowledge of the EIA process and offers a holistic approach to resolving difficulties in complex applications.

## 1.3 Topic Authors

### Landscape and Visual Impact Assessment

- 1.3.1 Katie Hegmann (BA (Hons), MLA, CMLI) is a Senior Landscape Architect / Landscape Planner at RPS and has considerable experience in the preparation of Landscape and Visual Impact Assessments for Environmental Statements. This includes professional experience working on a broad spectrum of projects including: renewable energy/waste schemes, major infrastructure projects, residential and leisure developments. Katie provides landscape architecture support and design on various developments and has prepared contract documentation, supervised implementation and provided site works support and project management. Katie has experience in negotiation with statutory and non-statutory authorities and advises at public consultations and exhibitions. Katie develops good working relationships with both client and consultees helping to address potential areas of concern with respect to landscape and visual issues before they become problematic
- 1.3.2 Katie is supported by Jane Betts. Jane has 30 years of experience in landscape architecture and landscape planning. She has gained considerable experience in the preparation of Landscape and Visual Impact Assessments (LVIAs) for major development projects. She has worked on many power and infrastructure projects, commercial buildings, pipeline, waste and solar schemes and a range of other sectors. Jane is familiar with the consultation process with both statutory and non-statutory consultees and has appeared as an expert witness at public inquiry. Jane has extensive experience in the assessment of effects on landscape, townscape and visual resources for energy

and waste projects. She has provided landscape input into a wide range of multi-disciplinary projects and she has project managed numerous landscape and visual impact assessments for various energy and infrastructure projects

## Ecology and Ornithology

- 1.3.3 Jill Simpson is an Associate Director of Ecology at RPS. As a full member of the Chartered Institute of Ecology and Environmental Management, Jill has more than 13 years' experience of the ecology and conservation sectors, specialised in consultancy.
- 1.3.4 Jill has developed a strong understanding of the ecology requirements within an EIA through her involvement as ecology project manager and/or lead ecologist on a range of schemes, from renewable energy schemes to Nationally Significant Infrastructure Projects.
- 1.3.5 Jill provides ecology support to all stages of a development, from pre-application through to post-construction monitoring. She has project managed numerous large-scale terrestrial and freshwater ecology surveys for complex EIA schemes, has produced terrestrial ecology chapters for EIA, developed large-scale complex species and habitat mitigation strategies for licencing, and typically is the primary terrestrial ecology contact for stakeholders and consultees.

## Hydrology and Flood Risk

- 1.3.6 Ola is the Director of Hydrology at RPS and he has over 25 years' experience of working with water environmental issues, 22 of which have been in the UK. His primary areas of experience are in the field of hydrology, flooding, drainage, water quality and eco-hydrological issues. He has also acted as project manager on several large multi-disciplinary projects which have involved engineering as well as consenting aspects including contaminated land and air and noise considerations. Subsequently he has a good understanding not only of current best practise but also of the legal framework governing the environmental and engineering aspects of projects.
- 1.3.7 Jonathan is the Associate Director for Hydrology on the project. Jonathan has over 14 years' experience, during which time he has secured the skills and technical knowledge required to lead major project works through the UK. Working within the wider RPS Planning & Environment Team, Jonathan provides expert hydrological, flood risk, drainage and geological support and advice on a range of projects, including; residential, commercial, industry and energy schemes, as well as Nationally Significant Infrastructure Projects.

## Geology, Hydrogeology and Contamination

- 1.3.8 Aaron Cousins is an Associate Director with 15 years' experience relating to the investigation, assessment and remediation of contaminated land and groundwater. Aaron has extensive experience in undertaking geo-environmental assessments in support of planning applications, property transactions, development design and environmental permitting associated with a wide range of land uses including power stations, railway depots, docklands and oil refineries. He specialises in producing Phase 1 and Phase 2 Geo-Environmental site assessments, detailed human health risk assessment and detailed controlled waters risk assessment. Aaron also has extensive experience in undertaking Asbestos in Soil Risk Assessments, Coal Mining Risk Assessment and Environmental Impact Assessment.

## Traffic and Transport

- 1.3.9 This document has been prepared by Joanna Gunn, a Senior Consultant who has over four years' experience of transport planning and environmental impact assessment. Joanna's experience has included assisting with the identification and design of access arrangements, analysing the suitability of access routes, estimating construction vehicle movements, analysing the requirements for Abnormal Indivisible Loads and accommodation / mitigation measures, undertaking highway capacity assessments, undertaking environmental impact assessments and drafting the necessary reporting in a format that satisfies Highway Officers and enables progression through the consenting process.
- 1.3.10 It has been checked by David Archibald, Director, a Member of the Chartered Institution of Highways and Transportation with 20 years' experience of transport planning, highway engineering and environmental impact assessment. David has a particular expertise in preparing the transport related documents associated with obtaining Development Consent Orders (DCO) for Nationally Significant Infrastructure Projects (NSIP), particularly for Power, Energy and Infrastructure projects. David is experienced in preparing the submission documents and participating during the Examination process, including appearing and contributing to Issue Specific Hearings and other transport related Hearings. David's has provided transport advice and led the transport aspects associated with over 50 waste and energy related development proposals.

## Air Quality

- 1.3.11 Fiona Prismall is a Fellow of the Institute of Air Quality Management. She has a BSc in Pure Mathematics and an MSc in Applied Meteorology. She has over 16 years working in Air Quality. Fiona is responsible for the team of air quality consultants that undertook the assessment work. That team comprises Members and Associate Members of the Institute of Air Quality Management. Fiona was the technical reviewer of the ES chapter and appendices for Air Quality.
- 1.3.12 Kathryn Barker is a senior Air Quality Consultant at RPS. Since joining RPS in September 2015, Kathryn has worked on numerous air quality assessments of traffic related pollutants for both residential and mixed-use developments, including those requiring input into the EIA process. She has modelled point source emissions for energy from waste facilities, short term operating reserve facilities and mixed-use developments with energy centres. She has conducted assessments for construction phase effects, operational effects and site suitability for proposed developments. She has also assessed air quality neutrality for developments in London. Kathryn has undertaken monitoring of NO<sub>2</sub> using diffusion tubes, monitoring of suspended and deposited dust from construction sites and "sniff testing" for odour assessments. She has also been responsible for the production of a number of air quality ES chapters

## Noise and Vibration

- 1.3.13 Phil Evans is a Senior Director and leads the RPS Acoustics Team. He is a specialist in environmental acoustics and is active on a number of committees including the Association of Noise Consultants' Vibration Working Group; British Standards Institution (BSI) Committee GME/21/6/4 - BS 6472: Guide to Evaluation of Human Exposure to Vibration in Buildings; BSI Committee B/564/01 on BS 5228: Noise and Vibration Control on Construction and Open Sites which has now also revised and issued BS 8233:2014 Guidance on sound insulation and noise reduction in buildings. He has been a corporate Member of the Institute of Acoustics (MIOA) for over 20 years.

- 1.3.14 Phil has over 25 years' experience in the project management of, and technical input to, environmental noise and vibration impact assessments for major developments. He is an expert in the industrial/commercial, transportation and construction sectors including the measurement, calculation, evaluation and mitigation of environmental noise and vibration. Phil has been involved in many BS 4142 noise assessments for both the previous and current 2014 version of BS 4142. He has given evidence at public inquiries where BS 4142 has been the primary assessment methodology.
- 1.3.15 Phil is supported by Peter Barling. Peter is a Senior Acoustic Consultant and environmental acoustics specialist with over 7 years' experience. He has a Degree in Physics and also Post Graduate Diploma in Environmental Assessment and Management. He has been a member of the Institute of Acoustics since 2013.
- 1.3.16 Peter has project managed and undertaken noise assessments for a variety of developments, including: large scale mixed-use developments; on-shore substations for off-shore windfarms; energy from waste facilities; manufacturing facilities; and distribution centres. Peter has been involved in many BS 4142 noise assessments for both the previous and current 2014 version of BS 4142.

## Historic Environment

- 1.3.17 Myk Flitcroft is a Director with over 30 years' experience in the cultural heritage profession. He is a Member of the Chartered Institute for Archaeologists and an affiliate member of the Institute for Historic Building Conservation (IHBC). He has extensive experience of providing cultural heritage assessments for EIAs and acts as an expert witness at planning appeals through written representations, informal hearings and public inquiries.
- 1.3.18 Richard Conolly is an Associate Director with over 20 years' experience in archaeology and heritage. He has an MA(Hons) in archaeology and is a Member of the Chartered Institute for Archaeologists. He has extensive experience in the preparation of Cultural Heritage Impact Assessments (CHIA) in the context of large-scale developments, including wind farms, energy from waste facilities, solar farms and distribution centres. In 2018 he wrote guidance on behalf of Historic Environment Scotland on CHIA in the context of EIA.