

## **Appendix A4**

### **Statements of competency**



## A4.1 Introduction

Part 5 of The Town and Country Planning (Environmental Impact Assessment) (Wales) Regulations, 2017 requires that an Environmental Statement (ES) must be prepared by persons who have ‘*sufficient expertise to ensure the completeness and quality of the statement*’ and that a statement must be included describing the expertise of the person (or persons) who prepared the ES.

This appendix sets out statements of competency for all topic authors of the ES and for the EIA lead.

<b>Rowena Ekermawi: EIA lead</b>
Rowena Ekermawi is a Chartered Environmentalist with more than 18 years’ experience as an environmental consultant. Her qualifications include a BSc in Environmental Biology and an MSc in Environmental Assessment and Management. She has worked on numerous EIAs, across numerous sectors, leading large multidisciplinary teams and on complex projects. She has worked in Wales for the majority of her career, focusing on developments within Wales.
<b>Alex Welch: Traffic and transport</b>
Alex is a Senior Transport Planner with 19 years’ experience within Consultancy, Local Authority Government and National Government throughout the UK, Bahrain and the United Arab Emirates. His expertise includes the preparation of studies (including Transport Assessments/Scheme Feasibility etc.) related to the planning of developments ranging from a single dwelling to major masterplans in excess of 2,500 homes. Alex has supported development sites through many forms of consultation both in the public forum and via representations made to local members and Ministers.
<b>Sian Leake: Hydrology and flooding</b>
Sian Leake holds an MSc in Catchment Dynamics and Management (University of Leeds). She is a Chartered Water and Environmental Manager (C.WEM), Chartered Scientist (CSci), Chartered Environmentalist (CEnv) and is a Practitioner Member of the Institute of Environmental Management and Assessment (IEMA).
<b>Agnieszka Lopez-Parodi: Ground conditions</b>
Agnieszka Lopez-Parodi is a Chartered Engineer and Member of the Institution of Civil Engineers. She has a MEng (Hons) degree in Environmental Engineering from the Wrocław University of Technology, Poland, and BSc (Hons) degree in Applied Sciences from the University of Glamorgan, Wales. She has 17 years of experience in management of land contamination issues on a variety of projects including highway schemes and land development. She has worked on a number of Environmental Statements providing assessment of ground conditions including land contamination and geology.
<b>Biodiversity: Dr Pippa Wood</b>
Dr Philippa Wood holds a BSc (Hons) First degree in Zoology from Southampton University (2002) and a PhD in Ecology from Southampton (2007). She is a Chartered

Ecologist and a Full Member of the Institute of the Charter Institute of Ecology and Environmental Management.

She has published technical papers on ecological matters and has presented and spoken at conferences.

Philippa has worked as a professional ecologist for Arup for more than 13 years. Previous to that was her PhD and previous to that a number of small research projects at Rothamsted Research Centre. She has been a Senior Ecologist within Arup since 2010 and has been responsible for leading ecological projects and members of the Arup west ecological team for the last 10 years. She has written Proof of Evidence for Public Inquiries and Examinations for Nationally Significant Infrastructure Projects.

The majority of her career with Arup has been providing ecological assessment for a wide range of development projects including major road schemes, integrated business parks and residential and major energy schemes. As a result, she has extensive experience in assessments for ecological impact and for Habitat Regulations.

#### **Air quality: Philbert Chan**

Philbert Chan is a Full Member of the Institute of Air Quality Management (MIAQM) and a Full Member of the Institute of Environmental Sciences (MIEnvSc). He has a BSc (Hons) Environmental Science and an MSc Environmental Engineering.

Philbert has worked on a wide variety of air quality projects across a number of sectors for 12 years. Philbert is experienced in delivering air quality assessments to support planning applications for large scale mixed-use developments throughout the UK. Philbert also has experience in road infrastructure projects, and planning projects in the energy and waste sectors.

Philbert is proficient in the use of dispersion modelling for roads and point sources using ADMS Roads and ADMS 5.

#### **Noise and vibration: Sonia Duarte**

Sonia Duarte is a member of the Institute of Acoustics and has 15 years' experience of working in consultancy, assessing the environmental impacts from noise and vibration of new developments across the UK. Her experience has included large transport and infrastructure schemes such as A303 Amesbury to Berwick Down and Lake Lothing third crossing, as well as mixed used and residential developments such as Eastern Quarry, Brent Cross redevelopment and East Village.

#### **Archaeology and cultural heritage: Johnny Crawford**

Johnny Crawford is a full Member of the Chartered Institute for Archaeologists and has 10 years' experience within commercial archaeology in South East Wales with the Glamorgan Gwent Archaeological Trust (GGAT). Combined with the practical application of techniques required for fieldwork and report writing, Johnny has a high level of knowledge concerning the practice of commercial archaeology and can apply that knowledge to a broad range of activities, ranging from Written Schemes of Investigation and Desk Based Assessments to Project Designs, EIA and ES.

#### **Socio-economics: David Brown**

David is an Associate in the Planning team at Ove Arup and Partners Ltd (Arup) with over 15 years' experience in planning consultancy. He has a BSc (Hons) Geography (Human) and Planning, and an MSc Regeneration Studies. David is a Chartered

Member of the Royal Town Planning Institute (MRTPI) and a Member, Institute of Economic Development (MIED).

David has experience working on a range of commissions with a focus on the socio-economic assessment and consenting of major infrastructure and energy projects. He has worked under a number of consenting regimes including the DCO process, Schedule 7 of the Crossrail Act and more widely the Town and Country Planning and Highways Acts. Major infrastructure projects that David has worked on include: Richborough Connection Project (National Grid), Hinkley Point C Connection Project (National Grid), A40 Improvements (Welsh Government), Whitechapel Station (Crossrail) and large scale on-shore wind and solar developments.

#### **Health and wellbeing: Felicity Cole**

Felicity is an Environmental Consultant with four years' experience in environment and health assessments. She has undertaken health assessments for a wide range of projects including High Speed Two (Phases 2a and 2b), the Meridian Water residential development in London, the Alexander Stadium redevelopment, Jersey Future Hospital and the A487 New Dyfi Bridge. She has also been involved in the reviewing of health assessments as part of an environmental advisory role for the London Legacy Development Corporation, reviewing environmental and health documents on behalf of the Planning Authority. She has a degree in Geography and Master of Environmental Science. She is a Practitioner of IEMA and an Associate Member of the RTPI.

#### **Landscape and visual impacts: Alan Kerr**

Alan Kerr is a Senior Landscape Architect at Arup, with 11 years professional experience working in the UK landscape industry. He has been a chartered member of the Landscape Institute for seven years. Alan has a Bachelor of Science in Landscape Design and Ecology and has a Master of Landscape Architecture both from University of Sheffield. Alan has extensive experience working in landscape planning, particularly landscape and visual impact assessments and landscape character studies, working on a diverse range of projects, including large scale infrastructure and commercial projects. Alan is required by the Landscape Institute to conduct himself in accordance with their Code of Conduct, undertaking work within his professional competence and follow best practice guidance such as, in this instance, follow the Guidelines for Landscape and Visual Impact Assessment, 3rd edition.

#### **Climate change: Damien Canning**

Damien Canning is the climate topic lead for the project. Damien works within Arup's Resilience, Energy and Climate Change group where he develops and manages a broad range of work across the environmental sustainability spectrum. Damien is a Chartered Environmentalist and holds an MSc in Carbon Management. Damien has specialised in climate change with experience across both GHG emissions mitigation and climate change resilience. He is an experienced carbon management practitioner and has delivered a number of baseline projects. He is a competent user of a range of lifecycle assessment and carbon quantification tools. Damien has seven years practitioner experience and has led, contributed to, or provided technical review to a number of EIAs across transport sectors.

#### **Materials: Max Rooksby**

Max Rooksby is a Chartered Water and Environment Manager, with full member of the Chartered Institute of Water and Environmental Management (CIWEM)

Max has an MSc in Environmental Engineering and Project Management from Leeds University and BSc (Hons) degree in Environmental Sciences from the University of Southampton. He has 22 years of experience working in the environmental sector, with the last 12 specialising on resource and waste management. Max has worked on a number of Environmental Statements providing assessment of material and waste on large scale infrastructure projects.

**Cumulative effects: Phill Martin**

Phill is a Chartered Environmentalist (CEnv) and Full member of the Institute of Environmental Management and Assessment (MIEMA) working as a Senior Environmental Consultant at Arup. Phill has 8 years' experience of working on large scale infrastructure projects specialising in the management and delivery of Environmental Impact Assessments (EIAs), working with multidisciplinary teams on high profile projects in the UK including HS2 Phase 2a. Phill also has key experience in the engineering and construction sector working in utilities and advising on infrastructure and asset development.