



Preliminary Environmental Information Report Volume 2

Appendix 1.1 Competent Experts

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LionLink:

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1 Competent Expert Statement

1.1.1 The LionLink Preliminary Environmental Information Report (PEIR) and supplementary materials have been prepared by a team of competent experts. The team comprises of technical specialists together with experts drawn from leading consultancies who have extensive experience in the process of Environmental Impacts Assessment (EIA) for a range of major infrastructure projects. The individual experts demonstrate their competence through degree level qualifications, membership of relevant professional institutions and practical experience in undertaking EIAs.

1.1.2 **Table 1.1** outlines the team, their years of professional experience in the field, qualifications, and membership of relevant professional institutions.

Table 1.1: Credentials of the competent experts responsible for LionLink PEIR

Discipline	Credentials
Onshore topics	
Agriculture and Soil, Reading Agricultural	35 years of experience in professional practice; BA (Hons) Geography; MSc Agricultural Economics; Fellowship of the British Institute of Agricultural Consultants; Practitioner Membership of the Institute of Environmental Management and Assessment; and Member of the Institute of Soil Science.
Air Quality, Arup	15 years of experience in professional practice; BSc (Hons) Geography; MSc Environmental Analysis and Assessment; Member of Institute of Environmental Science (MIES); Member of Institute of Air Quality Management (MIAQM); and Practitioner Member of Institute of Sustainability and Environmental Professionals (PISEP); Chartered Scientist (CSci); and Chartered Environmentalist (CEnv).
Climate Change and Carbon, Arup	18 years of experience in professional practice; BEng (Hons) Mechanical Engineering; MSc Urban Water and Environmental Management; and Chartered Engineer with Institution of Mechanical Engineers.
Ecology and Biodiversity, Arup	18 years of experience in professional practice; BSc (Hons) degree in Zoology; University Certificate in Biological Recording and Species Identification (Botany); Chartered Ecologist (CEcol); Full Membership of the Chartered Institute of Ecology and Environmental Management (MCIEEM); and

Discipline	Credentials
	Natural England licence holder for bats (level 2), great crested newt (level 2) and hazel dormouse (level 1).
Geology and Contamination, Arup	Over 20 years of experience in professional practice; BSc (Hons) Geography (Science); MSc Environmental Science; Membership of the Chartered Institute for Water and Environmental Management at Member level (MCIWEM); Chartered Water and Environmental Manager (C.WEM); Chartered Scientist status (CSci) through the Science Council; and CL:AIRE Qualified Person (QP348).
Health and Wellbeing, Arup	Over 20 years of experience in professional practice; BSc (Hons) and PG Dip Environmental Management and Assessment; and Chartered Environmentalist.
Historic Environment, Arup	26 years of experience in professional practice; BSc (Hons) Heritage Conservation; Postgraduate Diploma Archaeological Resource Management; Member of the Chartered Institute for Archaeologists (MCIfA); Chartered Environmentalist (CEnv); and Member of the Institution of Environmental Sciences (MEnvSc).
Hydrology, Hydrogeology and Drainage , Arup	27 years of experience in professional practice; MSc in Hydrogeology; Chartered Geologist (CGeol); Fellow of the Geological Society (FGS); and Member of the International Association of Hydrogeologists.
Landscape and Visual Amenity, Arup	23 years of experience in professional practice. BSc (Hons) Landscape Management; Chartered Member of the Landscape Institute (CMLI); and Former Member of the Landscape Institute Technical and Research Committee, GLVIA Advisory Panel and Advisory Council.
Major Accidents and Disasters, Arup	12 years of experience in professional practice; BSc (Hons) Environmental Geography; MA Environmental Management and Consultancy; Chartered Environmentalist (CEnv); and Member of Institute of Sustainability and Environmental Professionals Full Member (MISEP).
Material Assets and Waste, Arup	25 years of experience in professional practice; BSc (Hons) Geology; MSc Applied Environmental Geology; Membership of the Institute of Environmental Sciences at member level (CSci MIES); and A Qualified Person (QP 297) for CL:AIRE Definition of Waste Code of Practice.
Noise and Vibration, Arup	37 years of experience in professional practice; BSc (Hons) Geophysics; MSc Geotechnical Engineering; PhD 'The prediction of groundborne vibration caused by construction works'; Chartered Engineer and Member of the Institute of Acoustics; and

Discipline	Credentials
	Fellow of the Geological Society and Member of the Institute of Materials, Minerals and Mining.
Socioeconomics, Recreation and Tourism, Arup	18 years of experience in professional practice; BSc Geography (Human) and Town Planning; MSc Regeneration Studies, Chartered Member of the Royal Town Planning Institute; and Member of the Institute of Economic Development.
Traffic and Transport, Arup	31 years of experience in professional practice; BEng (Hons) in Civil Engineering; Chartered Engineer (CEng); and Membership of the Chartered Institution of Highways and Transportation (MCIHT).
Cumulative and in-combination Effects, Arup	10 years experience of professional practice; BSc (Hons) Environmental Geography; MA Environmental Management; Chartered Environmentalist; and Full Member Institute of Environmental Management and Assessment.
Offshore Topics	
Chapters: Intertidal and Subtidal Benthic Ecology; Fish and Shellfish; Intertidal and Offshore Ornithology; Marine Mammals and Marine Reptiles; Shipping and Navigation; Commercial Fisheries; Other Marine Users, Collaborative Environmental Advisors (CEA)	20 years of experience in professional practice; and BSc (Hons) Marine Geography.
Marine Physical Environment	18 years of experience in professional practice; BSc (Hons) in Oceanography and Mathematics; PhD in Oceanography; Chartered Marine Scientist (CMarSci); and an elected committee member of the Central Dredging Association, UK.
Marine Archaeology	Over 15 years of experience in professional practice; and MSc Applied Sciences by Research.

Discipline	Credentials
EIA management and lead reviewer	
Environment Technical Lead, Arup	30 years of experience in professional practice; BA (Hons) Geography; MSc City and Regional Planning; LLM Environmental Law and Management; Chartered Environmentalist (CEnv); Fellow, Institute of Sustainability and Environmental Professionals (FISEP); and Member, Royal Town Planning Institute (MRTPI)

Topic Glossary and Abbreviations

Acronym/Phrase/Abbreviation	Definition
BA	Bachelor of Arts
BEng	Bachelor of Engineering
BSc	Bachelor of Science
CDA	Central Dredging Association
CEcol	Chartered Ecologist
CEng	Chartered Engineer
CEnv	Chartered Environmentalist
CGeol	Chartered Geologist
CIEEM	Chartered Institute of Ecology and Environmental Management
CIWEM	Chartered Institute for Water and Environmental Management
CMarSci	Chartered Marine Scientist
CMLI	Chartered Member of the Landscape Institute
CSci	Chartered Scientist
C.WEM	Chartered Water and Environmental Manager
EIA	Environmental Impact Assessment
FGS	Fellow of the Geological Society
Hons	Honours
IED	Institute of Economic Development
ISS	Institute of Soil Science
MCIEEM	Full Membership of the Chartered Institute of Ecology and Environmental Management
MClfA	Member of the Chartered Institute for Archaeologists
MCIHT	Membership of the Chartered Institution of Highways and Transportation
MCIWEM	Member of the Chartered Institute for Water and Environmental Management
MEng	Master of Engineering
MIAQM	Member of Institute of Air Quality Management
MISEP	Member of the Institute of Sustainability and Environmental Professionals
MIEnvSc	Member of the Institution of Environmental Sciences
MIES	Member of Institute of Environmental Science
MSc	Master of Science

Acronym/Phrase/Abbreviation	Definition
PEIR	Preliminary Environmental Information Report
PG Dip	Postgraduate Diploma
PhD	Doctoral degree
PISEP	Practitioner Member of Institute of Sustainability and Environmental Professionals
QP	Qualified Person
RTPI	Royal Town Planning Institute

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