

## Appendix 1.A Competent Experts

Expert	Company	Aspect of Environment	Qualifications	Summary of Professional Expertise
Mr. Declan Brassil	Declan Brassil & Co.	EIAR Co-Ordination & Compilation	BA (Hons) NUI Maynooth 1990 Masters of Regional and Urban Planning, University College Dublin 1992	Declan is a Chartered Town Planner with over 20 years' experience and is the Principal in Declan Brassil & Company. During this time he has worked in the private sector and as an Inspector with An Bord Pleanála. Declan has extensive experience in leading multi-disciplinary teams in the preparation of Environmental Impact Statements, Local Area Plans, Masterplans and planning applications for large scale mixed use developments throughout the country. He has also advised on statutory planning processes and policy development and analysis on behalf of state agencies and private clients and acted as planning expert witness at oral hearings
Mr. Robert Keane	Reddy Architecture + Urbanism	Description of Development Consideration of Alternatives	B Arch, MRIAI, PSDP	A University College Dublin graduate, Rob qualified in 1995 with a Bachelor degree in Architecture.  With Reddy Architecture + Urbanism Rob directs the practice's master planning and urban design projects and he has recently been involved on the masterplans for NUI Galway and for DCU.  Rob is a qualified Project Supervisor Design

				Process since 2010
Mr. Stephen Purcell	Future Analytics	Population & Human Health	Master of Regional and Urban Planning BSc. (Hons.) Geomatics and Spatial Information Science	Stephen Purcell is a Chartered Surveyor and Urban Planner, and Director of Future Analytics Consulting. Stephen is Vice-Chair of an Interest Group on Citizen and Societal Security with the National Standards Authority of Ireland, and past Council/Board member of the Irish Planning Institute. Stephen has also a wide range of experience in Master-planning and feasibility strategies, demographic analysis, socio-economic studies, housing and retail strategies, commercial development, mixed use/education development within SDZ schemes, community facilitation, etc. Stephen is a Fellow of Society of Chartered Surveyors Ireland, Fellow of the Royal Institute of Chartered Surveyors and member of Irish Planning Institute.
Dr. Colin O'Reilly	Envirologic Ltd (on behalf of Barrett Mahony Consulting Engineers)	Soils & Geology Water: Hydrogeology & Hydrology	Batchelor of Agricultural Science (1st Honours), University College Dublin, 2001. PhD, awarded by the Centre for Water Resources Research, University College Dublin, 2007	Envirologic Ltd. is an environmental consulting practice based in Howth, County Dublin. The practice has key competencies in hydrology, hydrogeology, flood risk, waste and wastewater management. The Practice was founded in 2010 by Dr. Colin O'Reilly who is principal of the practice. Colin has over ten years of professional experience as a consultant and is an active member of the

				International Association of Hydrogeologists (Irish Group).
Mr. Feargus McGarvey	Mitchell & Associates	Landscape & Visual Impact Assessment	BA (Hons) DipLA Land Arch	Mitchell and Associates have extensive experience in Landscape and Visual Impact Assessments. Feargus has written and collaborated on many of these including Landscape and Visual Impact Assessments in both urban and rural context, including: Dundrum Town Centre LVIA; Donaghcumper CellbridgeTown Centre LVIA; Wonderful Barn Leixlip LVIA; Dun Laoghaire HarbourCruise Berth Marina LVIA; Hermitage Clinic, Liffey Valley VIA; Office Development Dawson Street/ Nassau Street Dublin LVIA; Nursing home and residences Kilmagig Lower, Avoca LVIA.
Mr. Padraic Fogarty	Openfield Ecological Services	Biodiversity Appropriate Assessment Screening	MSc MIEMA	Pádraic Fogarty, has an MSc in Environmental Protection (Sligo IT), a BSc in Analytical Science (DCU), and diplomas in Geography & Environment (OU) and Field Ecology (UCC). He has nearly 20 years experience in industry and consultancy. As a full member of the Institute for Environmental Management & Assessment (IEMA) OPENFIELD is bound by that organisation's code of practice. Pádraic has an in depth knowledge of environmental issues and was chairman of the Irish Wildlife

				Trust from 2009 – 2012. He continues to edit the quarterly wildlife publication 'Irish Wildlife'
Dr. Imelda Shanahan	TMS Environment Ltd.	Air & Climate Noise & Vibration	Honours Degree in Chemistry; Doctorate in Physical Chemistry specialising in Atmospheric Chemistry and Physics	Dr. Shanahan is a Chartered Chemist, a Fellow of the Institute of Chemistry of Ireland and a Fellow of the Royal Society of Chemistry.  Dr. Shanahan has more than 30 years professional experience of providing specialist research and consultancy services in environmental and monitoring, analysis and impact assessment. Imelda's particular areas of expertise are in the area of Air Quality and Noise and Vibration Impact Assessment.
Mr. Brian Mahony	Barret Mahony Consulting Engineers	Material Assets: Water Supply & Drainage	BE Honours Degree in Civil Engineering, University College Dublin (1978).  Dip Comp Eng Diploma in Computers for Engineers, Trinity College Dublin (1981).	Chartered Member of the Institution of Engineers of Ireland (since 1983).  Chartered Member of the Institution of Structural Engineers (UK) (since 1985).  Member (Fellow) of the Association of Consulting Engineers of Ireland (since 1999).
Mr. Tiago Oliveira	ARUP	Traffic & Transportation	University degree in Geography and Regional Planning by FCSH-UNL (Lisbon, PT) (1992-1997)  Chartered Member of the Chartered Institute of Logistics and Transport (CILT) 2009	Tiago is an Arup Project Manager on transportation projects, and provides traffic and transportation advice for a number of projects in which Arup is involved in Ireland and elsewhere in the world.  Prior to joining Arup, Tiago has worked for

			Member of the Academy of Urbanism (Academician) 2010	<p>the Ministry for Infrastructure and Transport in Portugal, for SIAS (Ireland) and for Atkins and WSP in the UK.</p> <p>Tiago has relevant experience in different areas of Transport Planning, including Traffic and Transportation Assessments, Masterplanning, Streetscape Design, Sustainable Transport, Mobility Management and Transport Strategies.</p>
Mr. Aidan O'Connell	Archer Heritage Planning Ltd	Archaeology & Cultural Heritage	BA in Archaeology	Aidan O'Connell is a licensed archaeologist with over twenty years' experience of EIAR preparation, archaeological assessment including test trenching, excavation and monitoring. Aidan holds a BA in archaeology and is a member of the Institute of Archaeologists of Ireland and the Institute for Archaeologists in the UK
Mr. Robin Mandle	Robin Mandle Architect	Architecture & Cultural Heritage	Robin Mandal Architect, B. Arch., M. Arch. Sc., F.R.I.A.I., R.I.B.A., R.S.U.A., A.R.B.U.K., Chartered Architect, Historic Building Consultant, RIAI Grade 1 Accredited Conservation Architect	Robin graduated from UCD in 1977, completed his Master's degree in 1987 and has been in private practice since 1979. He is a past president of the Royal Institute of the Architects of Ireland.