### Morning Session

**Chair by**

Neil Gordon

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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<td>09:00</td>
<td>Registration and Coffee</td>
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<tr>
<td>10:00</td>
<td>Neil Gordon</td>
<td>CEO, Subsea UK</td>
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<tr>
<td>10:30</td>
<td>Regina Sousa</td>
<td>Senior Analyst, Infield Systems Limited</td>
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<tr>
<td>11:00</td>
<td>Coffee Break</td>
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<td>11:30</td>
<td>Peter Blake</td>
<td>Chairman, National Subsea Research Initiative (NSRI)</td>
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<td>12:00</td>
<td>Liz Flint</td>
<td>Lead Technologist, Innovate UK</td>
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<td>Support for Innovation</td>
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<tr>
<td>12:30</td>
<td>Lunch</td>
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### Afternoon Session

**Chair by**

Neil Gordon

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<th>Time</th>
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<td>13:00</td>
<td>Richard Stark</td>
<td>Project Services Manager, Apache North Sea</td>
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<td>13:30</td>
<td>Marian Bruce</td>
<td>Briefing and technology development manager, Department of Energy &amp; Climate Change Industry intelligence and the UK supply chain</td>
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<td>13:45</td>
<td>Audrey Banner</td>
<td>Head of Offshore Decommissioning Unit, Manager of Projects and Policy Decommissioning opportunities</td>
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<td>14:00</td>
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<tr>
<td>14:30</td>
<td>John Lilley</td>
<td>General Manager, Sonomatic Limited Development of an advanced subsea inspection capability</td>
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<td>15:00</td>
<td>Neil Gordon</td>
<td>CEO, Subsea UK</td>
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<td>15:30</td>
<td>Close of event</td>
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Subsea UK is the champion for the UK subsea industry. We act for the entire supply chain bringing together operators, contractors, suppliers and people in the industry.

With over 53,000 employees, worth £8.9 billion in services and products and with over 750 companies, the UK subsea industry sector leads the world in experience, innovation and technology. The UK will maintain a leading technological edge by sustaining and expanding this important business sector.

Whether you are a company looking to join and reap the benefits or an individual looking to develop your career in the subsea industry, explore our website or contact us on 0845 505 3535 to find out how Subsea UK can help you, your business and your industry.

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You can also take a tour of Concorde if you have 15 minutes to spare at the end of the day!
2014 Manufacturing for Subsea in the North West
Speakers' Biographies - Morning Session
Chaired by Neil Gordon

**Neil Gordon**
Chief Executive, Subsea UK

Neil initially studied business in Aberdeen then trained as a commercial diver spending eight years carrying out numerous diving assignments in the UK and Norwegian waters involving new construction projects, pipeline surveys, welding and inspection. He has over 25 years' management experience in director and business development roles, combined with over 15 years in the subsea industry.

Prior to joining Subsea UK, he spent four years managing the National Hyperbaric Centre which included project-managing saturation diving operations and hyperbaric weld trials. He more recently developed the subsea safety training and consultancy aspect of the business, where he regularly lectured to subsea engineers and delivered a range of training courses both in the UK and overseas. He has experience working in India, Middle-east, Africa and Brazil and has worked with the Oil and Gas Producers diving operations sub-committee on client representative training and competency for subsea projects. He was also an active member of the IMCA diving safety, medical, technical and training committee.

**Regina Sousa**
Senior Analyst, Infield Systems Limited

Regina is a Senior Analyst within the Modelling and Forecasting team working on Infield's forecast models and contributes to various projects and market reports. Prior to joining Infield in 2014, Regina worked within the downstream industry, as a chemicals Analyst for a major consultancy in the energy, aerospace and automotive sectors. This included developing pricing forecast models for the aromatics & fibres modelling team for various multi-client reports and also representing the consultancy at the European Petrochemicals Association (EPIC). Regina holds a BSc (Hons) in Economics and an MSc in Energy Economics both from the University of Surrey.

Infield Systems will review current market opportunities in the North Sea subsea sector. We will begin with a short overview of the macroeconomic environment and focus on the prospects for the offshore oil and gas industry. This will be followed by key drivers of the global subsea market, namely industry trends relating to the water depth and tieback distance of oil and gas production. Infield Systems will then review subsea market trends in the North Sea over the next five years, including a detailed forecast of subsea tree installations and capital expenditure by country, operator and water depth. Drivers behind specific regional developments and key projects will be highlighted. Additionally, Infield Systems will cover challenges and opportunities for these regional markets in terms of manufacturing capacity.

**Peter Blake**
Chairman, National Subsea Research Initiative (NSRI)

11:30 - 12:00

Peter is currently the Subsea Systems Manager for the Chevron Energy Technology Company located in the Chevron’s new Aberdeen Technology Unit. In this role he has responsibilities for teams based in Aberdeen, Houston and Perth supporting the growth of subsea production across the company. Peter is a graduate of both local institutions of higher education with an original BSc from the University of Aberdeen and a Postgraduate Degree from Robert Gordon’s University. After graduation he worked for a number of small engineering companies before joining Texaco as a subsea engineer approximately 20 years ago. Since then he has worked in a variety of subsea, drilling and completion roles in Aberdeen and Houston. Spending several years as the Engineering Manager for Chevron upstream Europe prior to moving to help establish the Technology Unit.

The vision for the National subsea Research Institute (NSRI) is to become the recognised focal point within the whole of the UK related to the coordination of Research and Development activities for the Subsea sector, specifically in Oil & Gas, Defence, Wave and Tidal Renewable energy, Ocean Science and Offshore wind.

The purpose is to facilitate partnerships between UK industry and academia with the aim of enabling strategic, scientific breakthroughs and technologies in the subsea arena. Based in Aberdeen, NSRI has the ultimate goal of increasing the level of academic and industrial collaboration with a view to safe guarding the UK’s leading position in the field of Subsea expertise, in the provision of both products and services.

**Liz Flint**
Lead Technologist, Innovate UK

12:00 - 12:30 - Support for Innovation

Liz is a Lead Technologist in the Innovate UK (formerly the Technology Strategy Board) Energy Team. Her role focuses on innovation and opportunities for UK business in 1) the more sustainable use of fossil fuels, and 2) Fuel Cells and Hydrogen.

Liz was previously the Director of CCS, which is the Knowledge Exchange office of Aberystwyth University. The department’s role is to encourage, improve, and support collaboration between academia and business.

Prior to joining Aberystwyth University, Liz worked first as a design engineer and then as a materials engineer at Alstom. She worked mainly on advanced materials for gas turbines for the power generation industry. She has also served as a member of the IMechE’s Professional Review Committee and is a Fellow of the institution.

Liz will explain the role of Innovate UK, and the range of support available from the organisation. She will cover access to funding, access to networks and knowledge, and access to skills and equipment. She will give some examples of previously-funded projects, and will then focus on a new funding competition due to open in March 2015 which is directly relevant to the subsea sector.
**2014 Manufacturing for Subsea in the North West**

**Speakers' Biographies - Afternoon Session**

**Chaired by Neil Gordon - Please see Morning session for profile.**

**Audrey Banner**
**Head of Offshore Decommissioning Unit, Manager of Projects and Policy Department of Energy & Climate Change**

13:45 - 14:30 - **Decommissioning opportunities**

*Audrey became Head of the Offshore Decommissioning unit in DECC in November 2013. Her role is to agree decommissioning programmes with operators, ensuring that their proposals meet our international rules and obligations, as well as safety, environmental, technical, economic considerations, and the needs of other users of the sea. Audrey has worked on energy issues in DECC since 2006, including working in PILOT, the oil and gas industry task force to bring forward work on areas across the UKCS, including workforce skills, production efficiency, technology development, and enhanced oil recovery. More recently she developed initiatives to promote the oil and gas industry supply chain and fabrication capability and worked with the Department of Business innovation and skills to produce the UK government's oil and gas industrial strategy.***

**Richard Stark**
**Project Services Manager, Apache North Sea**

13:00 - 13:30

*Richard is the holder of an honours degree in Environmental Science whilst awaiting the result of his Masters in Oil and Gas Engineering. He is also a member of the Association of Project Management. Following careers in the British Army and consultancy, Richard moved into the Oil and Gas industry with Apache North Sea. In his current role he oversees the Project Services Team whose responsibilities include the management of the Group’s cost, schedule, quality, document control and contracting functions. Apache arrived in the North Sea in 2003 with the acquisition of the Forties field from BP. Since then they have invested over $10Bn in the development of the Forties and, more recently, the Benyl field following its acquisition from Exxon Mobil. Along with whole scale re-development of the existing infrastructure, more recent years have seen the development of new assets in the form of the Bacchus subsea tieback and the Forties Alpha Satellite Platform (FASP), both of which were built in the UK.***

**Marian Bruce**
**Briefing and technology development manager, Department of Energy & Climate Change**

13:30 - 13:45 - **Industry intelligence and the UK supply chain**

*Chartered Engineer with 40 year’s experience in NDT. Joined Sonomatic in January 1988 to establish the field services division. General Manager since 2005 responsible for international operations on- and offshore, topsides and subsea. This includes technology development, delivery of field services using the technology, and associated engineering services. Contributor to major European and American code and standard working groups. Active participant in commercial R&D groups.*

**John Lilley**
**General Manager, Sonomatic Limited**

14:30 - 15:00 - **Development of an advanced subsea inspection capability**

*Sonomatic’s origins were in the UK nuclear industry located in the NW of England. The company was formed in the late 1970’s and is now the leading provider of advanced subsea inspection technology to the oil & gas industry worldwide. Design and manufacture of specialised equipment is either conducted through our head office in Warrington, or under its direction in one of our regional offices. The depth of expertise, quality and responsiveness of the NW supply chain is critical to our ability to meet our client’s needs.*