

## **SUMMARY CV**

### **PROFESSOR CLIFF S JOHNSTON**

#### **Digitata Ltd, (formerly Johnston Environmental Ltd)**

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#### **Present posts**

**Director, Digitata Ltd**, formerly Johnston Environmental Ltd (since 2004)  
Director, Orkney Seaweed Company Ltd (since 1988)

#### Posts previously held

Board Member Scottish Environment Protection Agency (1995-99)  
Director, Institute of Offshore Engineering, Heriot-Watt University (1980-1992)  
Managing Director, Environment & Resource Technology Ltd (1982-1997)  
Managing Director, Orkney Water Test Centre Ltd (1986-1997)  
Director, Orkney Enterprise Ltd. (1990-98)  
Director, IOE Group (1993-1997)  
Director, Johnston Environmental Ltd (1998 – 2004)

#### **Resume of Experience**

General environmental pedigree, particularly relating to pollution control and a special interest in island issues was recognised in 1995 by appointment to the first Board of the then new regulatory body - Scottish Environment Protection Agency, SEPA. The width and depth of offshore experience has been recognised by both industry and regulatory agencies in the UK and internationally.

In the oil and gas industry sector key experience includes:

- detailed knowledge of the oil and gas industry internationally, with over 30 years consultancy, contract services, research and training experience with most major international operators;
- good understanding of environmental management issues, ranging from policy, regulation and impact assessment through to definition of engineering solutions;
- understanding of wider, particularly environmental technology, market opportunities, with contacts throughout relevant industry and governmental agencies;
- 40 years academic/training experience at all levels from in-house company training to advanced post-graduate teaching, with strong interests in issues across policy - environmental science - engineering interfaces;
- proven track record in project development and management, with strong innovative/lateral thinking abilities; and above all,
- strong commitment to provision of top-level **independent** professional support, working for industry and government agencies.

Have a strong interest and expertise in political: stakeholder issues in environmental decision making, e.g. making company director level presentations on key issues, providing facilitator role in stakeholder meetings, and leading company in-house environmental workshops (e.g. ENVID- Environmental Issue Identification workshops). Increasingly invited to peer review projects.

Both oil industry and wider regulator (e.g. SEPA and DTI) experience has helped develop a strong interest in the interpretation of global environmental issues, from scientific, perceived public and political viewpoints, notably:

- global warming
- biodiversity
- sustainable development.

## **Examples of Specific Consultancy Studies (post 1995):**

### **2002-present : Johnston Environmental Ltd, now Digitata Ltd**

[in ‘attempted retirement’ some strategic confidential studies (not listed) –and some limited general studies often in collaboration with other consultants], including:

**BP** – Miller Field Decommissioning Comparative Assessment. Report by Independent Review Consultant Xodus Group, with Prof Johnston retained on environmental matters (2008-2009).

**Aquatera** – peer reviews of studies relating to renewable energy generation and power transmission (2007-2008)

**Aurora Environmental** –peer review of study relating to Carbon Capture and Storage (CCS) and related offshore EOR/CO<sub>2</sub> disposal (2006)

**Aquatera** – peer reviews of projects such as tanker-tanker transfer and fishmeal processing (2006)

**Orkney Enterprise & Orkney Islands Council** –Feasibility of Continued Development of an International Centre for Postgraduate Teaching and Research –in collaboration with Aquatera Ltd (2004)

**Total E&P UK PLC** –Peer Review of MCP-01 Decommissioning EIA (2004)

**Department of Trade and Industry** - Peer Review of Environmental Statements (2002-2005)

**Department of Trade and Industry** - Strategic Environmental Assessment - Peer Review/Steering Group roles (2002-2005)

**BP** - Clair Field Development –Development of drilling cuttings disposal BPEO (2003 - 2004)

**BP** – Schiehallion Field: Ongoing ‘umbrella’ Development - Environmental Assessment; in conjunction with Aurora Environmental Ltd (2002- 2004)

**Petro-Canada UK** - Grebe (Pict) Field Environmental Assessment; in conjunction with Aurora Environmental Ltd (2003)

**Confidential Clients:** Peer review of OCR chemical permit preparation (2002- 2003)

**BP** - Clair Field Development - Environmental Assessment/ Devices; Register in conjunction with Aurora Environmental Ltd (2002- 2003)

### **1998-2002 : Johnston Environmental Ltd** (some in collaboration with other consultants)

**BP** –Schiehallion Field: Phase 4 Development – Environmental Assessment; in conjunction with Aurora Environmental Ltd (2001- 2002)

**BP** - Clair Field Development - Environmental Assessment/ Preparation of Environmental Statement; in conjunction with Aurora Environmental Ltd (2000-2001)

**Shell UK** –Pilot Study (Meeting) –Biomass for Fuel Production (2000)

**Department of Trade and Industry** - Peer Review of Environmental Statements (1999-2002)

**Department of Trade and Industry** - Strategic Environmental Assessment - Peer Review Role (1999-2002)

**Orkney Enterprise/Elf Petroleum / ERT** - Flotta Facilities: Opportunities Assessment (1999 - 2000)

**OKIOC** - Awareness Training - Kazakhstan Officials, UK visit (1999)

**Department of Trade and Industry** - Environmental Advisor - St Kilda Heritage Site Appraisal (1999)

**ERM / Statoil UK** - Environmental Awareness Training (1999-2000)

**Statoil UK** –Environmental management, including preparation for ISO 14001 EMS (1999)

**Confidential Client** - review of COMAH requirements (1999)

**Confidential Client** - review of IPC requirements (1999)

**BP Amoco** - Development of Environmental Regulatory Framework for Azerbaijan offshore operations, including detailed work on BPEO and EQS setting procedures (1998 - 1999)

**Elf Petroleum** - Environmental Awareness Training - Flotta Terminal Workforce (1999)

## **1995 – 1998: Environment & Resource Technology Ltd**

**ARCO** - environmental management, including preparation for ISO 14001(peer reviewing and strategic inputs)

**Elf UK** - Oil Terminal waste minimization planning within IPC requirements, including ENVID (1998)

**Shell** - Mandarin:Turnstone Development, EIA incorporating an ENVID (1998)

**Elf UK** - Confidential Project - involving BPEO assessment (1998)

**Shell** - Penguin Development : ENVID (1997), within a wider EA programme

**Jacques Whitford** - Terra Nova Project-Newfoundland; consultancy and peer reviews on EA and baseline study design (1997-98)

**Amerada Hess** - Client at all UK sites taken through by ERT team to ISO 14001(1997-98); the first UK oil company to achieve this certification across all sites and activities

**Confidential Client** - Reputation Management Assessment (1998)

**BP** - Pipeline Options for Clair Development: potential marine and overland routes (1997)

**Scottish Environment Protection Agency (SEPA)** -Decommissioning of offshore oil and gas installations; including onshore implications (1997).

**ODCP** - Decommissioning of offshore structures: Energy use considerations (1997)

**Confidential Client** - Assessment of Accuracy of Greenpeace / NGO positions regarding West of Shetland developments (1997)

**BP** - Schiehallion Development and the Environment - review of environmental assessments and preparation of EA overview (1997)

**BP** - several contracts to provide peer review and facilitator roles at both internal and stakeholder meetings (1996-1998)

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