



**IVE DESIGN LIMITED**

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**WHO IS IVEDESIGN?** - A small company specialising in environmental issues in the oil and gas industry. The issues dealt with relate mostly to the hands on solutions for waste and water management for design, construction and operations.

**WHO DOES WHAT?** - The principle engineer is Andy Ive - a multi discipline engineer with an impressive CV spanning over 30 years offshore and onshore. Other sub contracting engineers are taken on as required for EIA work, legal issues and desktop studies.

**WHERE HAVE WE WORKED?** - Offshore UK, Norway and Holland, Onshore UK, Russia, Bangladesh, Kazakhstan, Algeria, Sudan, Denmark, Abu Dhabi & Egypt.

**WHAT TYPE OF WORK?** - Design and installation of sewage systems, complete waste management systems (from design through to operate), camp design, camp utility design (**Utility corridor concept is one of ours**), ISO 14001 Certification, audits, inspections. The Mobile MRF is also one of ours- A materials recycling factory in a shipping container. We also handle incineration, and composting.

**WHAT IS A UTILITY CORRIDOR?** - When an onshore project is on the drawing board, and the process is decided, the next phase is FEED of course. During FEED (following project sanction) the Client company can contact us to install a camp infrastructure, whereby we turn up a year in advance of the construction start date, and install a fenced compound containing:- Waste system, potable water system, sewage system, diesel delivery, firewater system, communication, power units etc. All of this equipment is supplied in specially designed shipping containers as a standard. Then once the subcontractors have been decided, they come along with their accommodation units and 'plug in' to the infrastructure. This can knock 6 months off the construction time for a project, and that is a lot of oil and gas revenue. The equipment may be left for future use, or simply shipped out in the containers again. (See Schematic diagram on last page)



The Mobile MRF



Collecting Recyclates



Rescue Training



Hazardous storage box



Travelling interfield

**TRAINING** – Ivedesign have prepared a course that is currently undergoing an accreditation review with the Energy Institute, based on the last 15 years of site and project design experience. The course teaches people how to be an environmental representative on an oil and gas project, at what ever stage they join a team. It is a 2 week course that is best taught close to an operating site that can be used as part of the learning experience. Shorter environmental awareness courses are given on site as a standard.

**RESCUE** – Training and supply of equipment. Ivedesign can teach your fire team the basics of rescue from heights and confined spaces, up to competent persons level (not certification).



Russian Steppes EIA



International Exhibitions



Containerised sewage plant



Remediation work



Containerised incinerator

# CV for Andy Ive

## Academic and Professional Attainment

- IEMA & IOSH Env certificate 2007
- BSc Science and Technology 2004
- NEBOSH Diploma in Environmental Management
- OU-Certificate in Natural Sciences 2002
- CIEH Environmental Management Certificate 2003
- IEMA Lead Auditors Course
- HNC Instrumentation. SCOTVEC/COLU 1999/2000
- NEBOSH Certificate in Health and Safety 1997
- BTEC Post Graduate Diploma in Environmental Management and Protection Lancaster 1996
- NVQ4 Information Technology Lancaster 1996
- TEC Electronics Merton College 1984.
- HNC Mech. Eng. Kingston 1975-76.
- OND1&ONC2 Mech. Eng. Merton College 1971-1973.
- C&G Mech. Eng. T1&T2 1970.

## Memberships

- CIWM-Chartered Waste manager
- IOSH-Technician Member
- IEMA-Full member & lead Auditor.
- Chartered Environmentalist SocEnv

## Professional Experience Resume

This covers 37 years of wide-ranging engineering design, inspection and supervision, including over 30 years on major offshore projects in the North Sea, UAE, Algeria, Russia, Bangladesh, Kazakhstan and Egypt. This work has been carried out with Major UK Companies. Parallel career development has continued with a post graduate diploma in environmental management and protection, which is applied to onshore and offshore projects in my present employment. This was followed by a degree in Science and technology.

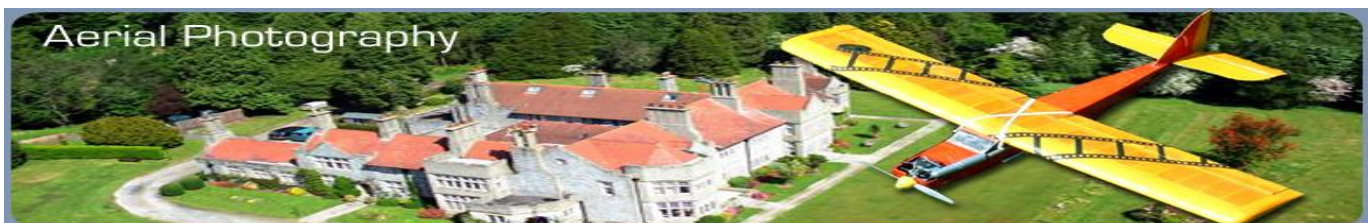
## Major Projects include

- Waste and water manager for 7000 man camp in Algeria, and gaining ISO 14001 in 2010.
- Environmental Engineer for the Solid waste issues on the Karachaganak Project in Kazakhstan
- BP site representative for Environmental and waste issues at 5 Algerian sites on IN-SALAH and IN-AMENAS Projects- ISO 14001 engineering co-ordinator.
- Site and home office Safety and environmental engineering for IN AMENAS Project Algeria. Also BP HASSI MESSAOUD and BHP OHANET project work

- Site surveys and assistance in setting up ISO 14001 management system at DAMIETTA project site in Egypt.
- Site and home office Safety and environmental engineering for IN SALAH Project Algeria
- Environmental Engineering for SAKHALIN ISLAND project for Shell
- Design and commissioning engineer for fire system for AL JEILE project in Sudan
- Commissioning Engineer for ANGUS UK Pre-action system panels and valves.
- Engineer for waste, water and transport issues on IN SALAH project for Algeria
- Env Consultant and Mech./Safety/certification Engineer for KHARYAGA project in UK and on rotation in Russia
- Environmental Engineer Danish soil bioremediation UK and Denmark.
- Environmental Engineer for OBAIYED project in Egypt (UK), DHUKAN Project Work
- Environmental Engineer SANGU Project in UK and Bangladesh.
- Senior Instrument Engineer RIJN Field Development in Rotterdam and Offshore.
- Senior Instrument Engineer BRUCE area Development in Glasgow.
- Instrument Engineer BP GYDA Project in Oslo
- Instrument Engineer Norsk Hydro OSEBERG Project in Oslo.
- Instrument Engineer BP ULA Project in London and Oslo.
- Instrument Designer/Inspector Amoco VALHALL A Project in Oslo and Offshore.
- Squad Leader BP ULA Project in Oslo.
- Instrument Draftsman on: MESA, INDE, STATFJORD A, VALHALL A in London, and STATFJORD A in Bergen and Offshore.



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# UTILITY CORRIDOR SCHEMATIC DIAGRAM

## Processing facility being constructed

