

# SpillAlert

THE QUARTERLY NEWSLETTER ABOUT THE SPILL INDUSTRY

ISSUE 13 : APRIL 2014

PRODUCED BY

UKSpill  
ASSOCIATION

March 2014

Spillex

21-22 MARCH 2014, LONDON, ENGL.

April

International Oil Spill Conference



API • BSEE • IMO • BP/CA • NOAA • USCG • USEPA

IOSC 2014

June

July

Aug

Sept

Oct

UKSpill 2014

10th Anniversary Event

Donington

Exhibition • Conference • 14/15 October

Nov

Dec

Jan 2015

Feb

March

interspill  
AMSTERDAM 2015

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EDITOR:  
**Roger Mabbott**  
Executive Director -  
UKSpill Association

The views and opinions expressed by the authors and those providing comments are theirs alone, and do not necessarily reflect the views of UKSpill.

# Welcome The Editor's View

Events, heaven or hell, are the stuff of government and industry, bringing people together for a wide variety of reasons – to sell, to network, to inform, to listen, to learn and many other mostly good reasons.

This issue has Events as its main theme - over the next 12 months we have a series of significant events taking place in the UK and overseas. For UKSpill, its 10th anniversary in 2014 generated an idea to launch its own event, UKSpill2014, which will be previewed in this issue. In addition, following the success of Interspill co located alongside Oceanology International, a new concept of a spill zone, Spillex, was launched in March by Reed

Exhibitions at this year's Oceanology International in London with UKSpill as a key industry partner.

In May this year, it is the 45th anniversary of the launch of IOOSC, the first major oil spill conference and exhibition, still going strong, based in the USA, but with a growing international aspect.

And finally, it is the 7th edition of our own Interspill to be held in March 2015, after being launched in 2000 by the Norwegian, French and British spill trade associations, a preview of the 2015 Preliminary Programme of events will be featured in this issue.

None of these events would succeed without the support of the members of the many organisations that support them, and it is those people we must always thank.



The Main Feature:

# A Year of Events 2014 to 2015

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## Spillex

11-13 MARCH 2014, LONDON, EXCEL

As commercial operations in the world's oceans continue to develop, the requirement to be able to operate with the least possible environmental impact is an even greater focus than it has ever been for all industries.

Also, as activities move into new and harsher territories, meeting this requirement means

the development of new strategies and technologies to cope with different and challenging environments. The new Spillex at Oceanology International focuses on the prevention of, and response to environmental incidents in the marine environment. This dedicated area will feature the latest technology and service solutions for assessing the potential of spill related impacts, mitigating against and, if necessary, responding to them. Companies taking a stand at Spillex included Adler & Allan Ltd. Castalia S.C.p.A, Braemar Howells, Briggs Marine & Environmental, IMO, Maritime Robotics, Vikoma International Ltd., in addition to the UKSpill Pavilion.

At this initial event for Spillex, UKSpill, with the support of Reed Exhibitions led with a 100m<sup>2</sup> pavilion, showcasing both member companies, Fosse Liquitrol, Wilton Biotechnologies and

Opec together its EU project partners, Project Netmar, [www.project-netmar.eu](http://www.project-netmar.eu) from Porto University in Portugal, and from the Kill Spill project, [www.killspill.eu](http://www.killspill.eu) with EPE from Greece and Ecots from Italy. In addition, another 20 UKSpill member and other companies, both from the UK and from across Europe, exhibited within Spillex Zone. Roger Mabbott, Executive Director of UKSpill, said that this level of support for Spillex, as a new venture, was more than proof that this cooperation with Reed is both a success for its members and partners, and a base to develop in the future. Full information on all aspects of OI2014 and Spillex is online at [www.oceanologyinternational.com](http://www.oceanologyinternational.com).

Plans for the next Spillex are under discussion, and may involve Oceanology International at Shanghai in September 2015, and or Oceanology International in London in 2016.

## The Main Feature:

# IOSC 2014

## SAVANNAH, GEORGIA, USA

IOSC – a partner in the Triennial series of Spill Conferences with Interspill and Spillcon, the 45th edition is being held over May 5-8 2014, at Savannah, Georgia. SpillAlert invited IOSC to tell its story:

Despite the fact that the IOSC takes place in North America, international participation has steadily grown over the years. Today, the conference boasts 30 percent international attendance with a similar level of international exhibitors. Additionally, there are a large number of international papers addressing oil spill issues outside the US environment making this conference truly international and an important venue for all professionals.

**Management** - As the representatives of the IOSC Executive Committee, each of these organizations bring both the technical expertise and the passion required to effectively organize this conference, and adhere to the goal of promoting an international exchange of information and ideas dealing with spill prevention, planning, preparedness, response, restoration, protocols, education, research and development, and technology. In real-case scenarios, the collaboration of these organizations and individuals is essential to

**EPA** - As the lead federal response agency in the US for spills occurring in inland waters, the US EPA develops regulations, monitors current and potential chemical threats, and works with industry on response and restoration of actual spills. As one of IOSC's founding organizations, the US EPA has been integral in the development of the IOSC, and takes a lead role in the conference's film and photo contests.

**USCG** - The USCG is the lead federal response agency for spills occurring in coastal waters and extending to the boundaries of the Exclusive Economic Zone. Like the US EPA, the USCG develops and enforces laws and regulations that require preventative measures for industry, and response provisions for actual spills. Generally, the Coast Guard contributes to the planning of the IOSC by serving as the Conference's Program Chair. In this capacity, the Program Chair oversees overall technical program for the IOSC with particular emphasis on the selection and development

of its technical papers and posters. As the principal component of the conference, the approximately 200 technical paper and poster presentations contribute to the vast canon of oil pollution knowledge shared between

international community, the private sector, academia, government, and non-governmental organizations.

**API** - The third founding organization of IOSC and industry representative on the IOSC Executive Committee, is the national trade association that represents all segments of the oil and natural gas industry. API works closely with regulators and industry to ensure that the latest oil spill prevention,

preparedness and response technologies are practiced at every level of operations and within all segments of the industry, and is responsible for the development of technical reports, recommended practices, guidelines and fact sheets on oil spill prevention and response issues.

**IPIECA** is the global oil and gas industry association for environmental and social issues, and established the Oil Spill Working Group (OSWG) in 1987. Through IPIECA, the OSWG works with their members and government to share information and cooperate at all levels. In 1996, IPIECA and IMO launched the Global Initiative, an umbrella program under which stakeholders work together to promote global oil spill preparedness by encouraging and facilitating the development and implementation of oil spill contingency plans and working to increase the ratification and implementation of oil spill related international conventions. IPIECA is instrumental in the sponsorship and exhibit program of IOSC, in which companies can share their latest technologies and efforts in relation to oil spill preparedness and response.

**IMO** - The International Maritime Organisation is a United Nations specialized agency with responsibility for the safety and security of shipping and the prevention of marine pollution by ships. IMO works internationally through the development and implementation of legislation to ensure that effective preparedness measures are in place that will ensure a timely and coordinated response to limit the adverse consequences of pollution incidents involving oil and other hazardous substances.

**BSEE** oversees oil spill planning and preparedness for U.S. facilities located in both state and federal waters seaward of the coastline that handle, store or transport oil. BSEE reviews and approves response plans, conducts research on oil spill technologies, and supervises exercises and inspections that verify the industry ability to meet the conditions of the oil spill response plans.

For IOSC, BSEE is coordinating the On-Water and Aerial Technology Display, which will showcase oil spill detection and response technologies in a simulated spill scenario next to the site of the conference.

**NOAA** - Through NOAA, the Office of Response and Restoration (OR&R) is charged with responding to oil spills, chemical accidents, and other emergencies in coastal areas. Under the National Contingency Plan, NOAA is responsible for providing scientific expertise including identification of the material spilled, the projected trajectory, the potential damage, and methods of reducing harmful effects. In addition to spill response software and mapping tools, OR&R provides standard techniques and publishes guidelines for observing oil, assessing shoreline impact, and evaluating cleanup technologies.

For IOSC 2014, NOAA has developed an expanded selection of short courses, held prior to the opening of the conference, designed to provide a foundation for conference participants on focused topics.

**Scholarships** - A major addition to the 2014 conference is a significant expansion of the scholarship program. IOSC scholarships support individuals who enhance oil spill preparedness, response and restoration, and who add to the body of knowledge that the International Oil Spill Conference promotes. The number of scholarships available was increased more than five-fold over previous conferences. Scholarships are need-based and awarded to applicants only after review and approval by the Scholarship Committee.

**History** - Finally, the IOSC made a tremendous contribution to the sharing of information within the oil spill response and preparedness community after its 2011 convening. The IOSC Proceedings is the official chronicle of the International Oil Spill Conference. Each IOSC since 1969 has published printed Proceedings that contain the peer-reviewed papers presented in each conference. After the 2011 IOSC, the conference sponsors initiated a project to convert all past printed IOSC Proceedings into a digital format to provide increased

accessibility for the general public. This innovative project conducted with Allen Press, Inc. resulted in the creation of the IOSC Proceedings website that contains over 3000 articles related to oil spill prevention, response, and restoration. Spanning over 40 years of oil pollution issues, the online IOSC Proceedings provides easy access to unique articles and perspectives not available elsewhere. Future conference Proceedings will only be published in an electronic format. Access to all content on the IOSC Proceedings website is free and can be found at [www.ioscproceedings.org](http://www.ioscproceedings.org).

**Conclusion** - Under the guidance of these seven organizations, the International Oil Spill Conference achieves its aim of providing a vital forum for professionals from the international response community, private sector, government, and non-governmental organizations to come together to tackle the greatest challenges facing us with sound science, practical innovation, social engineering and imagination.

[www.iosc.org](http://www.iosc.org)



the response efforts of the international oil spill community, and within the conference, such collaboration is the fundamental framework that has helped to make the IOSC the largest event of its kind. Within this framework, each organization on the IOSC Executive Committee takes the lead on the unique features that add value to the IOSC, including short courses, an On-Water and Aerial Technology Display, a film and photo contest and scholarship opportunities.

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The Main Feature:

# UKSpill2014 – A new event for the 10th Anniversary of the UK SpillAssociation

UKSPILL2014 is a new Conference and Exhibition, to be held over the 14-15 October 2014, at Donington Park, near the East Midlands Airport. It is being launched in 2014 on the 10th anniversary for the UK Spill Association, and is aimed to create a both a spills forum and to showcase the capabilities of the UK Spill industry.

The theme of the event is – “Oil Spills will always be with us as long we live with oil, you need to know what we do and how we can help”

UKSPILL2014 offers a full 2 day Conference Programme, addressing the ongoing issues of oil spills, and other spills in our society, with keynote and other speakers. Science and Industry workshops will be held, alongside an Exhibition of spill industry companies. In addition, demonstrations will be held illustrating techniques and equipment to deal with spills. The event recognises that Networking is a vital area for both government, agencies, industry, and a Networking Buffet Supper will be held at the event, and which includes a free tour of the famous Grand Prix Collection of racing cars and other historical transport exhibits.

The event is organised and operated by the UK Spill Association, a not for profit organisation, which is supported by the Environmental and Maritime Agencies of the United Kingdom.

A more detailed Conference and Workshop programme will be announced in the Spring, and bookings have already been taken for the Exhibition.

You are invited to Register your interest as a delegate, or Book exhibition space by contacting UKSpill at [info@ukspill.org](mailto:info@ukspill.org)

More information will be available on [www.ukspill.org/ukspill2014/](http://www.ukspill.org/ukspill2014/)



## Outline Conference Programme

### Day 1

0900-1000hrs	Delegate Registration, Refreshments in Exhibition
0900hrs	<b>Exhibition opens</b>
1100-1300hrs	Opening Conference session in Paddock Suite, Keynote Speaker, followed by Panel of Experts leading on - The Scale of the Problem: setting the scene, scope of threat, legal aspects.
1130-1300hrs	Workshop on Exhibition Floor
1130-1200 Session 1	<b>Science:</b> Spill source identification - the future for analysis of oil
1215-1245 Session 2	<b>Industry:</b> Spill prevention - Drainage and containment
1300-1430hrs	Networking Lunch break in the Exhibition Live Spill Exercise Demonstrations
1430-1630hrs	Conference session 2 in Paddock Suite Panel of Experts lead on - The Reality of Spills, Responder Case Studies on Spill Prevention, Nature of Response, Restoration
1500-1630hrs	Workshop on Exhibition Floor
1500-1530 Session 3	<b>Industry:</b> First Response
1545-1615 Session 4	<b>UKSpill:</b> Accreditation Scheme Update
1630-1900hrs	Networking reception in exhibition, followed by tour of the Grand Prix Collection
1900-2100hrs	Buffet supper in the Senna Room (Grand Prix Collection).

### Day 2

0900-1000hrs	Delegate Registration, Refreshments in Exhibition
0900hrs	Exhibition opens
1100-1300hrs	Conference session 3 in Paddock suite Panel of Experts lead on - Manufacturing for the spill industry, case studies on Containment and Recovery Options and future options/innovation
1130-1300hrs	Workshop on Exhibition Floor
1130-1200 Session 5	<b>Science:</b> Restoration techniques
1215-1245 Session 6	<b>Industry:</b> Spill detection
1300-1400hrs	Networking Lunch break in the Exhibition Live Spill Exercise Demonstrations
1400-1600hrs	Conference session 4 in Paddock Suite Panel of Experts lead on - Innovations in Spill Response & Environmental Management, Closing Keynote by the UKSpill Chairman
1430-1530hrs	Workshop on Exhibition Floor
1430-1530 Session 7	<b>Science &amp; Innovation</b> UKSpill Research Links - Academics presenting on current and future research on spill response and restoration
1600hrs	Event closes



# Interspill Amsterdam 2015

Interspill 2015 is focussed on the changing landscape of Spill Preparedness and Response as E&P, and shipping activities continue to move into more challenging environments, and public sensitivities to perceived spill risks has increased. These challenges have generate a range of Conference streams.

## CONFERENCE STREAMS

**Multi Agency response - Spill response** involves the interaction of multiple actors and agencies, often with differing priorities. This stream seeks presentations on the challenges and solutions to delivering an effective and efficient response in a multi-agency landscape.

**Stakeholder Engagement - In the context** of 24hrs news and viral social media party politics, pressure groups and internet lobbying, the way in which Industry engages with its stakeholders has never been more important. With crucial debates to be had, for instance, around the use of dispersants and arctic exploration this stream addresses will cover issues and best practice.

**Inland Issues - Significant quantities** of crude oil and refined products are carried on the world's inland waterways. With increasing traffic congestion and immediately obvious spill impacts this stream examines latest developments in inland spill preparedness and response.

**Remote Sensing / Earth Observation - Surveillance** and modelling tools and technologies are being developed at an exponential rate. This stream will aid delegates in making informed decisions about the use of these technologies and processing the vast quantities of data produced into useful information for Incident managers, Regulators and other stakeholders.

**Holistic Response - Very few spill incidents** involve only one response strategy. Managing multiple strategies in multiple locations requires an understanding of the interaction between different elements of spill preparedness and response. This stream will examine those interfaces and how they are best managed.

**Future Risk / Future Requirements - Post Montara and Macondo** new legislation has been enacted which will impact on industry's licence to operate. Meanwhile new risk profiles are emerging for shipping, exploration and other elements of oil industry operations. This stream will highlight issues and possible outcomes in this arena.

**Emerging Technologies and Strategies - In spill preparedness and response** there are a number of emergent strategies and tools or techniques that have the potential to change the way we work. This stream will discuss the new ideas and their potential impact on spill preparedness and response activities

## WORKSHOPS & SEMINARS

The Science Workshops are led by CEDRE, and the Spill Industry Seminar by the Eurospill Association. Both offer opportunities to Science and Industry to contribute to the event, with presentations on the latest developments.

## POSTER EXHIBITION

The Poster Exhibition be a major feature of Interspill in 2015, incorporated into the Networking activities, and with an award for the outstanding poster.

## CALL FOR PAPERS

The Organising Committee for Interspill 2015 announces the Call for Papers for the Conference, Poster exhibition, Scientific Workshops, and Spill Industry Seminars.

Authors are requested to submit a short Abstract, up to 250 words, to the Committee by email, addressed to [info@interspill.org](mailto:info@interspill.org). Authors are requested to confirm whether their Paper is for the Conference, for the Poster exhibition, for the Science Workshops or the Spill Industry Seminars and to indicate which stream(s) they wish their paper to be considered for.

The closing date for submission of Abstracts is 30 July 2014.

Authors will be notified of acceptance by 30 September 2014, and Full Papers should be received by 31 December 2014.

## BACKGROUND INFORMATION

Interspill 2015 will be held at Amsterdam RAI Convention Centre, The Netherlands, over 24-26 March 2015. Interspill is controlled by the European spill industry associations, NOSCA, SYCOPOL, Eurospill and UKSpill, together with EMSA and IPIECA. Oil Spill Response Ltd. is the permanent sponsor of the event. Interspill 2015 is being managed by Reed Exhibitions on behalf of Interspill Ltd..

Interspill 2012 attracted over 1300 delegates, visitors and exhibitors from over 70 countries, it was the most successful event so far in the Interspill series since it started in 2000. Proceedings of the 2012 Conference, Workshops and Seminars are published on the Interspill website

[www.interspill.org](http://www.interspill.org)



CONFERENCE AND EXHIBITION  
24-26 March • RAI Convention Centre

## New members boosting UKSpill

The last year in the life of UKSpill has been a success and saw a surge of new members. In this article we have selected a few new members to illustrate the growing strength and diversity of the UK Spill Association and some of our recent new members contribute some words on why they have joined.

[www.ukspill.org/join-UKspill.php](http://www.ukspill.org/join-UKspill.php)

### Crawford & Company

Crawford & Company is a new Associate member. Crawford is a Global Loss Adjuster and insurance claims service specialist. Crawford Environmental handle oil spill and other pollution losses for major insurers

[www.crawfordgts.com](http://www.crawfordgts.com)

### Davies Group

Another firm of Loss Adjusters also joined as an Associate Member in 2013, Davies Group is now one of the largest providers of claims management and loss adjusting services in the UK.

[www.davies-group.com](http://www.davies-group.com)

### Ecoceane

A new Associate Member from France, specialising in shipbuilding for the spill industry. "Benjamin Lerondeau, Technical manager at Ecoceane, says that in previous years, Ecoceane vessels have taken part in UKSpill marine seminar's, Ecoceane also support Interspill as part of their international marketing programme, and welcome the opportunity to join UKSpill". Over the past 10 years, Ecoceane has dedicated its energies to research and development, building, and marketing their patented versatile vessels designed to recover hydrocarbons and solid floating waste.

[www.ecoceane.fr](http://www.ecoceane.fr)

### EPE Response International

Another new Associate Member, based in Greece, is a partner in the KillSpill project with UKSpill.

### NOAA

Joined UKSpill as Associate Member in 2014. NOAA, the US government agency, National Oceanographic and Atmospheric Administration spend US\$5bn annually, and takes a major part in the operation of the IOOSC Conference

[www.noaa.gov](http://www.noaa.gov)

### Integrated Inspection and Surveying

Integrated Inspection and Surveying are new Associate Members from Dubai, in the UAE, and provide inspection services to the oil and gas industry

[www.iisurveying.com](http://www.iisurveying.com)

### Markleen

A new Corporate member, the UK subsidiary of a Norwegian company. Richard Hill, Markleen's UK Managing Director says that "direct involvement in many oil spill scenarios has given Markleen the opportunity to gain experience and expertise necessary to help customers prepare a sustainable oil spill response, joining UKSpill was logical given the historic support by Markleen for Interspill"

[www.markleen.com](http://www.markleen.com)

### Environmental Services (Chesterfield)

A new accreditation application from errr Chesterfield, in the UK.

[www.environmentalserviceslimited.co.uk](http://www.environmentalserviceslimited.co.uk)

### OSRA International

Joined UKSpill in 2013 as a Corporate Member, following the accreditation of its Maltese subsidiary, Paul Pisani, Director of OSRA explained that "with Oil Spill Response, Salvage, Towage, Tank Cleaning, Training, Consultancy being essential parts of its operations in the Mediterranean, supporting UKSpill was a logical decision"

[www.osraint.com](http://www.osraint.com)

### Petrofac Training Services

Joined as an associate member in 2014, Petrofac is one of the world's leading oilfield service companies

[www.petrofac.com](http://www.petrofac.com)

### Questgates

Loss adjuster, joined as an associate member in 2013, and Managing Director Alan Dobson has contributed to UKSpill Inlandspill seminar's in the past.

[www.questgates.com](http://www.questgates.com)

### Gary Ferguson

Joined as an individual member in 2014. RVL Group is a provider of airborne surveillance and dispersant spray services to the Maritime & Coastguard Agency.

[www.rvl-group.com](http://www.rvl-group.com)

### Swire Emergency Services

Joined in 2013 as an overseas associate member, following Simon Valentine, a former board member of UKSpill, moving to Swire.

[www.swire-ers.com](http://www.swire-ers.com)

### Wilton Biotechnologies

Joined as a corporate member in 2013. Wilton Bio provide portable diagnostic tools for the rapid screening of toxic materials and biological pathogens in soil and other environmental samples. Commercial Manager, Jeremy Thomas, explained that "UKSpill membership offered Wilton Bio an opportunity to connect with its marketplace through the variety of platforms that UKSpill organised to promote its members"

[www.wiltonbio.com](http://www.wiltonbio.com)

### Harpers Environmental

Harpers Environmental is another new accreditation application, from Yorkshire.

[www.harpersenvironmental.co.uk](http://www.harpersenvironmental.co.uk)

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## UKSpill Approved Training



Stewart Ower, Chairman of the Spill Technical Advisory Group, (STAG) of the UK Spill Association, explains the new Initiative, and its relationship with the Accreditation Scheme for Contractors

The UKSpill Contractor Accreditation Scheme places great emphasis on the ability of an accredited company to respond competently to spills in a safe and effective manner. There are many ways to demonstrate and measure competency and our scheme assessors examine and challenge evidence to ensure standards for accreditation are maintained. One key area of assessing competency is examining the training that responder personnel receive either on the job or as part of a more structured training programme. Many of our member companies have their own internal training programmes, others use external training providers, prospective new members frequently ask where they can source relevant training for staff, either way UKSpill is committed to underpinning the accreditation scheme with UKSpill Approved Training.

UKSpill are now launching this new initiative, with the support of the UK Environment Agencies, for the approval of spill training courses which support the UKSpill Contractors Accreditation Scheme. Training courses will receive 'UKSpill Approved' status subject to the submission of the course details and supporting information to the UKSpill Technical & Advisory Group (STAG).

For each of the current Modules developed for the UKSpill Accreditation Scheme, the STAG have outlined learning outcomes and anticipated course content to achieve the learning outcomes. Training course providers seeking 'UKSpill Approved Training' status will submit the course outline, the relevant slides, other supporting materials and the expected learning outcomes from the course to the independent Assessors that UKSpill uses for its Accreditation Scheme. The assessor will review the training course information and content submitted by the course provider against the established learning outcomes and anticipated course content established by UKSpill. They will then make a recommendation on whether the course should be approved by UK Spill or not.

The Training assessment will cost £500 on application, for 'UKSpill Approved Training' status and the approved status will last for 3 years after which time the course will need to be re-assessed to ensure changes in regulation or best practice have been accommodated in the course syllabus.

Each member of UKSpill, particularly accredited contractors, will be encouraged to undertake UKSpill Approved Training and will

be able to build up Continuous Professional Development (CPD) in attending the training.

The following page highlights the Learning Outcomes and some Example / Expected Content for key subject areas within the Basic Spill Responder Module, associated with the UKSpill Accreditation Scheme.

[www.ukspill.org](http://www.ukspill.org)

Module 1. Basic Spill Responder		
Subject Area	Learning Outcomes	Example Content
<b>Health &amp; Safety Risk Assessment</b>	Understand the H&S issues and controls associated with the response activity. Level of understanding to be proportionate to the anticipated role (e.g. Spill Operative, Spill Supervisor, Incident Manager etc)	Risks presented to personnel and public by different fuel types and chemicals (e.g. petrol vs diesel v ethanol etc), by response efforts (e.g. containment trench excavation, confined space entry etc), by working environment, by basic investigation and response techniques. Outline of H&S legislation (e.g. H&SWA, COSHH, PUWER, ATEX) and PPE requirements.
<b>Environmental Risk Assessment</b>	Understand the importance of environmental setting, the concept of receptors and understand potential environmental effects of different pollutants (e.g. fuels/chemicals/milk, sewage etc) Understand drainage systems and how they can impact the environment (e.g. controlled and uncontrolled discharges)	Source, pathway, receptor concept; Basic introduction into behaviour of different pollutant types and risk posed to environment. Design of on-site drainage systems (e.g. soakaways, oil-water separators)
<b>Response Equipment / Containment &amp; Recovery Options</b>	Be able to identify & select the most appropriate equipment and materials required to perform the task. Understand the variety of pollution control techniques which can be employed to achieve the most effective outcome. Understanding of built in drainage features which may affect response and recovery strategy (e.g. soakaways, oil-water separators).	Introduction to concept of pollution control hierarchy, containment materials, drain seals and absorbents and techniques for effective deployment. Recovery options appraisal (e.g. absorbents vs pumping and tankering).
<b>Regulatory permitting / licensing requirements</b>	Understand any regulatory control over the operational activities being performed and how to comply with requirements. To be able to identify the primary regulatory bodies and legislation attaching to the subject area. Understanding of when the regulators should be informed and which regulators should be informed. Understanding to be proportionate to role (e.g. Spill Operative, Spill Supervisor, Incident Manager etc)	As a minimum the course should cover waste disposal / waste classification (hazardous vs non hazardous), use of consignment notes, waste transfer notes, discharge activities/permits.
<b>Stakeholder involvement</b>	In addition to regulatory bodies, be able to identify the main stakeholders and their individual roles and priorities	Liaison with regulators, clients, public and media.
<b>Demonstrate Learning</b>	Delegates must be able to demonstrate the learning outcomes by means of a pass / fail assessment containing questions covering the above subject areas	

## UK: A&A Wins EA Contract

Commencing March 1, Adler & Allan have been awarded a framework agreement from the Environment Agency to provide a response to pollution incidents, particularly where a spillage or fly-tipping has occurred.

The contract covers 3 main EA regions in England; Central, North and South East and includes spill response, hazardous waste collections and clearance of illegal waste sites.

A&A's experience dealing with the emergency services, hauliers, local authorities, other Agencies and landowners will be vital in handling incidents of this nature. The contract will also cover oil-related incidents and any clean-up operations that involve oil. Contractors must be UK Spill (or similar recognised scheme) accredited before being contracted to work on behalf of the Environment Agency where the incidents are oil related.

[www.adlerandallan.co.uk](http://www.adlerandallan.co.uk)

## UK: National Response Corporation ("NRC") Announces the Addition of Sureclean Limited to the NRC Group of Companies

National Response Corporation ("NRC"), a member of UKSpill, has announced the completion of a deal which sees UK-based Sureclean Limited ("Sureclean") become part of the NRC group.

NRC is a leading global provider of diversified environmental, industrial, and emergency response solutions. Headquartered in Great River, New York, with regional offices throughout the U.S. and internationally, NRC has approximately

800 employees. Operating both in the UK and internationally, Sureclean is a provider of specialty industrial and environmental solutions to the oil & gas, petrochemical, renewables, utilities, civil engineering and construction sectors. The Company is headquartered in Alness, Scotland with additional offices in the Aberdeen area and employs a permanent staff of 135.

**Hannah Holmes, Sales Operations Manager – International**

**Email:** [hholmes@nrcc.com](mailto:hholmes@nrcc.com)

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# Speed, service and environmental integrity

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# In the News

## UK: WILTON BIOTECHNOLOGIES

With the cost of landfill continuing to rise and the need to minimise the environmental impact of spills whilst optimising the effectiveness of remediation, WiltonBio's S2 Field Test can rapidly and accurately delineate affected areas, without the need to employ expensive laboratory tests and avoiding the delays associated.

Each test takes less than 8 minutes to complete using a simple kit that can be used to identify the presence of PHs, PAHs, heavy metals and other toxic materials. Using the test reader's integrated GPS system, results can be overlaid onto aerial photos and maps to provide toxicity heat images which provide powerful visual evidence of the need for remediation and highlight the area involved. Sampling at different depths makes it possible to identify problems which may not be apparent from surface investigations.

Having used the product for a number of years, Mark McGrevey, CSG's Technical Manager, says of the S2 Field Test, that "...savings to the environment and the client will be enormous."

For more information please contact Jeremy Thomas, WiltonBio's Commercial Manager either via their website, [www.wiltonbio.com](http://www.wiltonbio.com) or on Freephone 0800 689 0161.



# Thank You...

...to all who visited us on our stand at Spillex 2014 and gave us such tremendous support.

In case you weren't able to see us at Spillex you can find out about our unique 8 minute S2 Environmental Toxicity Test - which enables rapid and accurate delineation of areas affected by toxic spills minimising the cost of remediation and maximising its effectiveness...

...by visiting our website at [www.wiltonbio.com](http://www.wiltonbio.com) or by calling us FREE on 0800 689 0161

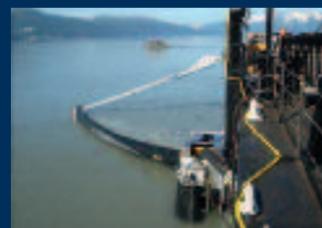
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# In the News

## INTERNATIONAL: Oil Spill Response Limited (OSRL) Introduces International Well Capping Equipment at New Base in South America

Oil Spill Response Limited (OSRL), the global oil spill response co-operative funded by some 160 oil and energy companies, today announces the opening of a new base in Angra dos Reis, Brazil, marking a major advancement for regional and global response operations.

The base houses one of OSRL's four cutting-edge well capping stack systems designed to shut-in an uncontrolled subsea well. With capping systems also stored at strategic locations in Norway, Singapore and South

Africa, the delivery of the Brazil stack signifies the full availability of OSRL's international well capping capability, providing for swift response in the event of a subsea well incident around the world.

Oil and gas companies across the industry can access the equipment through OSRL's Subsea Well Intervention Services (SWIS). SWIS provides subscribers access to four response-ready Capping Stack Systems and two Subsea Incident Response Toolkits for debris clearance, blow out preventer intervention and the subsea application of dispersant at a wellhead. The equipment can be used for the majority of known subsea wells in water depths up to 3000m. A global

containment solution to supplement the well intervention system is also in development and will be ready for use by the end of 2014.

SWIS is the culmination of unprecedented industry collaboration. In 2011, nine international oil and gas companies formed the Subsea Well Response Project (SWRP), pooling resources to develop equipment that could enhance subsea well control capability. OSRL collaborated with SWRP to make this equipment available for the benefit of wider industry, and companies can now subscribe to SWIS to incorporate this essential subsea well contingency into their own incident response plans.

[www.oilspillresponse.com](http://www.oilspillresponse.com)



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# In the News

## INTERNATIONAL: Build Ecoceane Technology Into Your Vessels

Ecoceane, a new UKSPill Associate Member, has further developed its patented oil spill recovery systems so that it can be used in a wide range of other vessels and also for Arctic oil spills.

The unique Ecoceane system puts a propeller in a tunnel and uses the turbine effect it produces to suck oil and water into the front of its purpose built vessels, the area widened by a V shaped funnelling system. A weir skimmer separates out the surface layer which runs through into a storage tank. Water is sucked out of the bottom of the tank through a venturi by the turbine induced tunnel flow so the tank only stores oil which has not been pumped and so is not emulsified.

These vessels can work at up to 4 knots and in force 6-7, much faster and more efficiently than all other methods currently available. The range of Ecoceane vessels goes from the road trailer transportable Cataglop units 6 to 9 metres long, through the 10-15 metre

Workglop vessels to Spillglop ocean going 16 to 45 metre units. Continuous oil recovery is achieved by pumping the oil whilst recovering oil from the sea into auxiliary floating bladders, barges or tankers which are towed or nearby.

Now this concept can be fitted to a wide range of vessels. The funnel, weir system, storage and suction units can be incorporated into vessels built by others: supply vessels, crew boats, patrol boats at least 25 metres long. The secret is to fit this to the stern: it is called Reverseglop®, because in case of a spill the vessel turns round, deploys the funnel at the rear (now facing the oil slick) and starts the suction to pull the oil in. It is stored in on board tanks, but as with Ecoceane vessels the unemulsified oil can be pumped to a barge or tanker that can be brought alongside.

Ecoceane will not only provide the design of the unique oil collection system but will carry out analysis of the available volumes on the vessel to allow integration of the pollution clean-up function. This is done in co-operation

with the naval architect and/or shipyard. They will also study laminar flow in the context of the ship and simulate its cleaning capabilities to determine the clean up performance to be expected, and supply relevant oil flow drawings.

The Reverseglop® concept can also be used for Arctic spills, fitted to an ice breaker which will break up the pack ice and reveal the floating oil, the vessel turns around and sucks in the oil. A grill system prevents lumps of ice being sucked into the oil tank.

The Reverseglop® system can be installed when the ship is being built at the shipyard anywhere in the world. The Ecoceane concept is now well proven with more than 70 Cataglop units delivered, Workglop 128 and Spillglop 160 having been in operation for some time and a Workglop 117 and Spillglop 250 being under construction. IAC, the Ecoceane representative in the UK will be presenting the Reverseglop® concept at UKSpill 2014 at Donington Park in October.

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## EU PROJECTS: THE KILLSPILL PROJECT



In the last quarterly issue of the SpillAlert newsletter, issue 12 of October 2013,

readers were introduced to the EU project KILLSPILL of which UKSPILL is a key partner. In this edition Joe Small of Gorton Consultancy Limited, describes the project's work and objectives.

KILLSPILL is a European funded Seventh Framework Programme under the theme "Integrated Biotechnological Solutions for Combating Marine Oil Spills". The project focuses on the development of highly efficient, economically and environmentally viable bio-technology solutions for the clean-up of oil spills caused by maritime transport or offshore oil exploration and related processes. The project commenced in January 2013 and will run for a four-year period delivering in early 2017.

The project consortium consists of 33 professional organisations representing 12 European countries and the USA. The group comprises of high-level academic and industrial partners as well as experienced research institutes from various scientific and technological areas. The core of the body consists of 27 research academic institutions or research centres backed up by a number of spill response, consultancy and manufacturing companies. Six partners in the consortium are UK based, the highest representation of European countries and further evidence of the UK's expertise in this field.

The objective of the study is to provide new tools to promote novel biotechnologies in oil spill combat and remediation. It aims to develop biosensors to monitor hydrocarbon degradation, novel environmentally friendly dispersants and adsorbents, multifunctional bioremediation agents and tools for sediments decontamination. Further, the impact and toxicity of the newly developed products will be evaluated and they will be validated in both in experimental mesocosms and on real oil spills.

In layman's terms the provision of and better tools for both response and post-incident rehabilitation operations. The challenge for the project partners is to identify gaps and to develop products and tools that the responders can use. In this the project seeks to harness the expertise of the research organisations with real and practical applications.

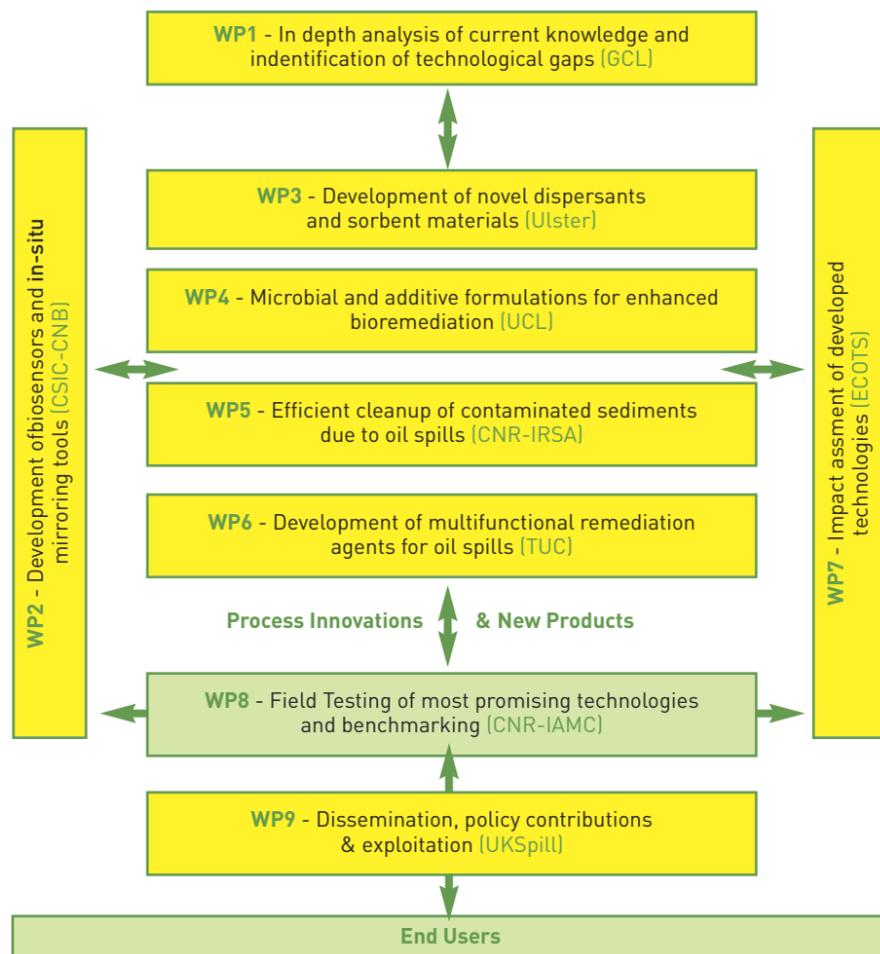
The project is divided into ten Work Packages which consist of an analysis of our current knowledge and the identification of technological gaps (WP1), the development of process innovations and new products (WP 3,4,5 and 6), the development of biosensors and in-situ monitoring tools (WP2), the impact assessment of the developed technologies (WP7), the field testing of the most promising technologies and products (WP8), the dissemination, policy contribution and exploitation (WP9) and the project's management (WP10).

The inter-relation of the work packages is shown below.

UKSpill is represented by Roger Mabbott who manages work package 9 and Gorton Consultancy Limited who manage work package 1; both also form part of the project's Executive Board.

Further information on the project can be found at the KILLSPILL website ([www.killspill.eu](http://www.killspill.eu)). UKSpill readers can participate in the project by visiting the website and using the "Ask the expert" function. Your input will be an important contribution.

**Joe Small**  
Gorton Consultancy Limited  
[www.gortonconsultancy.com](http://www.gortonconsultancy.com)  
[www.killspill.eu](http://www.killspill.eu)



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# The Last Word

## Information Sources remain a critical element in Oil Spill Response.

In 1995 UNEP (United Nations Environment Programme) set up the GPA (Global Programme of Action) clearing house to facilitate a Marine Pollution Information Gateway (oils.gpa.unep.org/about/about.htm) and to quote:

*"One important part of the work of the GPA Co-ordination office has been the establishment of an information and data Clearing-house as a means to mobilize experience and expertise, including facilitation of effective scientific, technical and financial cooperation, as well as capacity-building. The GPA Clearing-house Mechanism provides a rapid and direct referral system to relevant information and data. In effect, it provides a mechanism for responding to requests from Governments on a timely basis. The Global Marine Oil Pollution Information Gateway is one of nine pollutant source category nodes of this Clearing-House mechanism. The GPA Clearing-House mechanism is intended to provide "a one-stop method that promotes the advertising, discovery, access, dissemination and use of GPA related information and data held by numerous organizations using the decentralized capabilities of the Internet".*

This admirable concept remains today, but in times where the scale of Marine Oil Pollution has reduced dramatically, governments and agencies can be tempted to assume the problem has gone away and set lower



priorities. The reality is that an accidental oil spill remains inevitable, and whilst the standards of ship operation have improved, the growth of and shift of world trade Eastwards, leads to higher volumes of shipping particularly in Asia.

From a UNEP global perspective to a more local view, the UK Spill Association has always set out to provide a source of Information for the Public, Industry and Government about the resources of the spill industry available to support response to oil spills both Marine and also on Land. This takes the form of web based information ([www.spillonline.org](http://www.spillonline.org)) and has

been a reference for the Accreditation Scheme for Oil Spill Contractors that UKSpill manages.

Changes in policies by governments and agencies, in UK and wider, are now resulting in reductions in advisory information on resources and actions. UKSpill is planning, in response to this and with industry and government agency support, to follow the example of UNEP and provide its own Information Gateway based on the Spillonline website.

[www.spillonline.org](http://www.spillonline.org)

## SPILLALERT FACTS

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ASSOCIATION

78 Moriconium Quay, Poole, Dorset BH15 4QP  
United Kingdom  
T +44 (0)845 625 9890 E [info@ukspill.org](mailto:info@ukspill.org) [www.ukspill.org](http://www.ukspill.org)

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## INDUSTRY EVENTS: PREVIEWS

### USA: IOSC 2014, CONFERENCE AND EXHIBITION

5-8 MAY 2014, SAVANNAH, USA

Details at [www.iosc.org](http://www.iosc.org)

### UK: PREMIAM CONFERENCE

4 JUNE 2014, LONDON, UK

Details at [www.cmscoms.com](http://www.cmscoms.com)

### UK: UKSPILL 2014, CONFERENCE AND EXHIBITION

14-15 OCTOBER 2014, DONINGTON PARK, UK

Details at [www.ukspill.org](http://www.ukspill.org)

### NETHERLANDS: INTERSPILL 2015

24-26 MARCH 2015, AMSTERDAM

Details at [www.interspill.com](http://www.interspill.com)